



**KEMENTERIAN EKONOMI  
JABATAN PERANGKAAN MALAYSIA**

## **PERANGKAAN SEBAB KEMATIAN MALAYSIA, 2024** *STATISTICS ON CAUSES OF DEATH MALAYSIA, 2024*

### **Pemakluman**

Jabatan Perangkaan Malaysia (DOSM) telah melancarkan OpenDOSM NextGen sebagai medium yang menyediakan katalog data dan visualisasi bagi memudahkan pengguna menganalisis pelbagai data dan boleh diakses melalui portal <https://open.dosm.gov.my>.

Kerajaan Malaysia telah mengisytiharkan Hari Statistik Negara (MyStats Day) pada 20 Oktober. Tema sambutan MyStats Day adalah "Statistik Nadi Kehidupan". DOSM menyambut ulang tahun ke-75 Jubli Intan pada tahun 2024.

### **Announcement**

*The Department of Statistics Malaysia (DOSM) has launched OpenDOSM NextGen as a medium that provides a catalogue and visualisations to facilitate users' analysis of various data and can be accessed through <https://open.dosm.gov.my>.*

*The Government of Malaysia has declared National Statistics Day (MyStats Day) on October 20<sup>th</sup>. MyStats Day theme is "Statistics is the Essence of Life". DOSM commemorates its 75<sup>th</sup> Diamond Jubilee in 2024.*

**JABATAN PERANGKAAN MALAYSIA  
DEPARTMENT OF STATISTICS MALAYSIA**

Diterbitkan dan dicetak oleh / *Published and printed by:*

**Jabatan Perangkaan Malaysia**

***Department of Statistics, Malaysia***

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](mailto:info@dosm.gov.my)  
(pertanyaan umum / *general enquiries*)  
[data@dosm.gov.my](mailto:data@dosm.gov.my)  
(pertanyaan & permintaan data /  
*data request & enquiries*)

Harga / *Price* : RM130.00

Diterbitkan pada Oktober 2024 / *Published on October 2024*

**Hakcipta terpelihara / *All rights reserved.***

Tiada bahagian daripada terbitan ini boleh diterbitkan semula, disimpan untuk pengeluaran atau ditukar dalam apa-apa bentuk atau alat apa jua pun kecuali setelah mendapat kebenaran daripada Jabatan Perangkaan Malaysia. Pengguna yang mengeluarkan sebarang maklumat dari terbitan ini sama ada yang asal atau diolah semula hendaklah meletakkan kenyataan berikut:

“Sumber : Jabatan Perangkaan Malaysia”.

*No part of this publication may be reproduced or distributed in any form or by any means or stored in database without the prior written permission from Department of Statistics Malaysia. Users reproducing content of this publication with or without adaptation should quote the following:*

“*Source : Department of Statistics Malaysia.*”

**ISSN 2462 - 2044**

Penerbitan Perangkaan Sebab Kematian, Malaysia, 2024 merupakan penerbitan tahunan yang membentangkan statistik sebab kematian utama di Malaysia bagi tahun 2023. Data ini merangkumi maklumat sebab kematian mengikut kategori disahkan dan tidak disahkan secara perubatan. Buat pertama kali, penerbitan ini juga turut memuatkan topik baharu iaitu kematian bunuh diri.

Penyusunan statistik ini berdasarkan konsep dan garis panduan daripada *Principles and Recommendations for a Vital Statistics System, Revision 3* yang diterbitkan oleh *United Nations Statistics Division (2014)* dan *International Statistical Classification of Diseases and Related Health Problems, 10<sup>th</sup> Revision (ICD-10)* yang diterbitkan oleh *World Health Organization (2010)*.

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

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

Jabatan merakamkan setinggi-tinggi penghargaan di atas kerjasama Jabatan Pendaftaran Negara (JPN), 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

Oktober 2024

*The publication of Statistics on Causes of Death, Malaysia, 2024 is an annual publication which presents statistics on the principal causes of death in Malaysia for the year 2023. The data covers information on the causes of death by category, namely medically certified and not medically certified. For the first time, this publication introduced a new topic on suicide deaths.*

*The compilation of these statistics is based on the concepts and guidelines from Principles and Recommendations for a Vital Statistics System, Revision 3 published by the United Nations Statistics Division (2014) and the International Statistical Classification of Diseases and Related Health Problems, 10<sup>th</sup> Revision (ICD-10) published by the World Health Organization (2010)*

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

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

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

**DATO' SRI DR. MOHD UZIR MAHIDIN**

Chief Statistician, Malaysia

October 2024

# KANDUNGAN

## CONTENTS

	<b>Muka Surat</b> <i>Page</i>
<b>KATA PENGANTAR</b> <i>PREFACE</i>	<b>iii</b>
<b>SENARAI JADUAL</b> <i>LIST OF TABLES</i>	<b>vii</b>
<b>PENEMUAN UTAMA</b> <i>MAIN FINDINGS</i>	<b>1</b>
<b>SEPINTAS LALU PERANGKAAN</b> <b>SEBAB KEMATIAN MENGIKUT NEGERI</b> <i>CAUSES OF DEATHS BY STATE AT A GLANCE</i>	<b>9</b>
<b>RINGKASAN PENEMUAN</b> <i>SUMMARY OF FINDINGS</i>	<b>193</b>
<b>ARTIKEL</b> <i>ARTICLE</i>	<b>249</b>
<b>JADUAL</b> <i>TABLES</i>	<b>277</b>
<b>NOTA TEKNIKAL</b> <i>TECHNICAL NOTES</i>	<b>579</b>
<b>LAMPIRAN</b> <i>APPENDICES</i>	<b>597</b>

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

# SENARAI JADUAL

## LIST OF TABLES

Jadual Table		Muka surat Page
<b>1. KEMATIAN</b> <i>DEATHS</i>		
<b>1.1 Kematian (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b>		<b>277</b>
<i>Deaths (number and rate) by state and sex, Malaysia, 2023</i>		
<b>1.2 Kematian (bilangan dan kadar) mengikut kumpulan etnik dan jantina, Malaysia, 2023</b>		<b>278</b>
<i>Deaths (number and rate) by ethnic group and sex, Malaysia, 2023</i>		
<b>1.3 Kematian mengikut kumpulan umur dan jantina, Malaysia, 2023</b>		<b>279</b>
<i>Deaths by age group and sex, Malaysia, 2023</i>		
<b>1.4 Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023</b>		<b>280</b>
<i>Deaths (number and rate) by state, administrative district and sex, Malaysia, 2023</i>		
<b>1.5 Kematian mengikut klasifikasi, negeri dan jantina, Malaysia, 2023</b>		<b>285</b>
<i>Deaths by classification, state and sex, Malaysia, 2023</i>		
<b>1.6 Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b>		<b>286</b>
<i>Ten principal causes of death (medically certified and non-medically certified) by sex, Malaysia, 2023</i>		
<b>1.7 Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2023</b>		<b>288</b>
<i>Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2023</i>		
<b>1.8 Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kewarganegaraan, Malaysia, 2023</b>		<b>292</b>
<i>Ten principal causes of death (medically certified and non-medically certified) by citizenship, Malaysia, 2023</i>		
<b>1.9 Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2023</b>		<b>293</b>
<i>Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2023</i>		

1.10	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Johor, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Johor, 2023</i>	296
1.11	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kedah, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Kedah, 2023</i>	298
1.12	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kelantan, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Kelantan, 2023</i>	300
1.13	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Melaka, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Melaka, 2023</i>	302
1.14	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Negeri Sembilan, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Negeri Sembilan, 2023</i>	304
1.15	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pahang, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Pahang, 2023</i>	306
1.16	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perak, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Perak, 2023</i>	308
1.17	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perlis, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Perlis, 2023</i>	310
1.18	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pulau Pinang, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Pulau Pinang, 2023</i>	312



1.19	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sabah, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Sabah, 2023</i>	314
1.20	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sarawak, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Sarawak, 2023</i>	316
1.21	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Selangor, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Selangor, 2023</i>	318
1.22	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Terengganu, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, Terengganu, 2023</i>	320
1.23	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Kuala Lumpur, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Kuala Lumpur, 2023</i>	322
1.24	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Labuan, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Labuan, 2023</i>	324
1.25	<b>Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Putrajaya, 2023</b> <i>Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Putrajaya, 2023</i>	326
1.26	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2023</i>	328
1.27	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2023</i>	332

<b>1.28</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2023</i>	<b>337</b>
<b>1.29</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Melaka, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Melaka, 2023</i>	<b>341</b>
<b>1.30</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2023</i>	<b>343</b>
<b>1.31</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2023</i>	<b>346</b>
<b>1.32</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2023</i>	<b>350</b>
<b>1.33</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perlis, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Perlis, 2023</i>	<b>355</b>
<b>1.34</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pulau Pinang, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Pulau Pinang, 2023</i>	<b>356</b>
<b>1.35</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023</i>	<b>358</b>
<b>1.36</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023</i>	<b>368</b>

<b>1.37</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2023</i>	<b>382</b>
<b>1.38</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2023</i>	<b>386</b>
<b>1.39</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Kuala Lumpur, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Kuala Lumpur, 2023</i>	<b>389</b>
<b>1.40</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Labuan, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Labuan, 2023</i>	<b>390</b>
<b>1.41</b>	<b>Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Putrajaya, 2023</b> <i>Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Putrajaya, 2023</i>	<b>391</b>
<b>1.42</b>	<b>Sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2023</b> <i>Causes of death (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2023</i>	<b>392</b>
<b>1.43</b>	<b>Sebab kematian (tidak disahkan secara perubatan), Malaysia, 2023</b> <i>Causes of death (non-medically certified), Malaysia, 2023</i>	<b>394</b>
<b>1.44</b>	<b>Kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2023</b> <i>Medically certified deaths by ICD-10 Chapters, Malaysia, 2023</i>	<b>396</b>
<b>1.45</b>	<b>Kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2023</b> <i>Medically certified deaths by Chapters of Neoplasms, Malaysia, 2023</i>	<b>397</b>

## 2. KEMATIAN PERINATAL

### PERINATAL DEATHS

- |            |  |            |
|------------|--|------------|
| <b>2.1</b> | <b>Kematian perinatal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Perinatal deaths (number and rate) by state and sex, Malaysia, 2023</i>   | <b>399</b> |
| <b>2.2</b> | <b>Lima sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b><br><i>Five principal causes of perinatal death (medically certified and non-medically certified) by sex, Malaysia, 2023</i>   | <b>400</b> |
| <b>2.3</b> | <b>Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b><br><i>Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2023</i> | <b>401</b> |

## 3. KEMATIAN NEONATAL

### NEONATAL DEATHS

- |            |   |            |
|------------|---|------------|
| <b>3.1</b> | <b>Kematian neonatal awal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Early neonatal deaths (number and rate) by state and sex, Malaysia, 2023</i>   | <b>405</b> |
| <b>3.2</b> | <b>Kematian neonatal akhir (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Late neonatal deaths (number and rate) by state and sex, Malaysia, 2023</i>   | <b>406</b> |
| <b>3.3</b> | <b>Kematian neonatal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Neonatal deaths (number and rate) by state and sex, Malaysia, 2023</i>  | <b>407</b> |
| <b>3.4</b> | <b>Lima sebab kematian utama neonatal awal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b><br><i>Five principal causes of early neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2023</i> | <b>408</b> |
| <b>3.5</b> | <b>Lima sebab kematian utama neonatal akhir (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b><br><i>Five principal causes of late neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2023</i> | <b>409</b> |

<b>3.6</b>	<b>Lima sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b> <i>Five principal causes of neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2023</i>	<b>410</b>
------------	--	------------

<b>3.7</b>	<b>Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b> <i>Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2023</i>	<b>411</b>
------------	--	------------

#### **4. KEMATIAN IBU BERSALIN** MATERNAL DEATHS

<b>4.1</b>	<b>Kematian ibu bersalin (bilangan dan nisbah) mengikut negeri, Malaysia, 2023</b> <i>Maternal deaths (number and ratio) by state, Malaysia, 2023</i>	<b>415</b>
------------	--	------------

<b>4.2</b>	<b>Lima sebab kematian utama ibu bersalin (disahkan secara perubatan) Malaysia, 2023</b> <i>Five principal causes of maternal death (medically certified) Malaysia, 2023</i>	<b>416</b>
------------	---	------------

<b>4.3</b>	<b>Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b> <i>Three principal causes of maternal death (medically certified) by state, Malaysia, 2023</i>	<b>417</b>
------------	---	------------

#### **5. KEMATIAN BAYI** INFANT DEATHS

<b>5.1</b>	<b>Kematian bayi (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b> <i>Infant deaths (number and rate) by state and sex, Malaysia, 2023</i>	<b>421</b>
------------	--	------------

<b>5.2</b>	<b>Sepuluh sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b> <i>Ten principal causes of infant death (medically certified and non-medically certified) by sex, Malaysia, 2023</i>	<b>422</b>
------------	--	------------

<b>5.3</b>	<b>Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b> <i>Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2023</i>	<b>425</b>
------------	--	------------

## 6. KEMATIAN KANAK-KANAK 1-4 TAHUN

### TODDLER DEATHS 1-4 YEARS

- |            |  |            |
|------------|--|------------|
| <b>6.1</b> | <b>Kematian kanak-kanak 1-4 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Toddler deaths 1-4 years (number and rate) by state and sex, Malaysia, 2023</i>   | <b>431</b> |
| <b>6.2</b> | <b>Sepuluh sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b><br><i>Ten principal causes of toddler death 1-4 years (medically certified and non-medically certified) by sex, Malaysia, 2023</i> | <b>432</b> |
| <b>6.3</b> | <b>Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b><br><i>Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2023</i> | <b>435</b> |

## 7. KEMATIAN KURANG DARIPADA 5 TAHUN

### UNDER-5 DEATHS

- |            |  |            |
|------------|--|------------|
| <b>7.1</b> | <b>Kematian kurang daripada 5 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Under-5 deaths (number and rate) by state and sex, Malaysia, 2023</i>   | <b>441</b> |
| <b>7.2</b> | <b>Sepuluh sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b><br><i>Ten principal causes of under-5 death (medically certified and non-medically certified) by sex, Malaysia, 2023</i> | <b>442</b> |
| <b>7.3</b> | <b>Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b><br><i>Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2023</i> | <b>445</b> |

## 8. KEMATIAN PENDUDUK BERUMUR 0-14 TAHUN

### DEATHS OF POPULATION AGED 0-14 YEARS

- |            |   |            |
|------------|---|------------|
| <b>8.1</b> | <b>Kematian penduduk berumur 0-14 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b>                                    | <b>451</b> |
|            | <i>Deaths of population aged 0-14 years (number and rate) by state and sex, Malaysia, 2023</i>  |            |
| <b>8.2</b> | <b>Sepuluh sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b> | <b>452</b> |
|            | <i>Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2023</i>     |            |
| <b>8.3</b> | <b>Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b>     | <b>455</b> |
|            | <i>Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2023</i> |            |

## 9. KEMATIAN PENDUDUK BERUMUR 15-40 TAHUN

### DEATHS OF POPULATION AGED 15-40 YEARS

- |            |  |            |
|------------|--|------------|
| <b>9.1</b> | <b>Kematian penduduk berumur 15-40 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b>                                    | <b>461</b> |
|            | <i>Deaths of population aged 15-40 years (number and rate) by state and sex, Malaysia, 2023</i>  |            |
| <b>9.2</b> | <b>Sepuluh sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b> | <b>462</b> |
|            | <i>Ten principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by sex, Malaysia, 2023</i>     |            |
| <b>9.3</b> | <b>Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b>     | <b>464</b> |
|            | <i>Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2023</i> |            |

## 10. KEMATIAN PENDUDUK BERUMUR 41-59 TAHUN

### DEATHS OF POPULATION AGED 41-59 YEARS

- |      |   |     |
|------|---|-----|
| 10.1 | <p><b>Kematian penduduk berumur 41-59 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b></p> <p><i>Deaths of population aged 41-59 years (number and rate) by state and sex, Malaysia, 2023</i></p>   | 469 |
| 10.2 | <p><b>Sepuluh sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b></p> <p><i>Ten principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by sex, Malaysia, 2023</i></p> | 470 |
| 10.3 | <p><b>Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b></p> <p><i>Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2023</i></p> | 472 |

## 11. KEMATIAN PENDUDUK BERUMUR 60 TAHUN DAN LEBIH

### DEATHS OF POPULATION AGED 60 YEARS AND OVER

- |      |  |     |
|------|--|-----|
| 11.1 | <p><b>Kematian penduduk berumur 60 tahun dan lebih (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b></p> <p><i>Deaths of population aged 60 years and over (number and rate) by state and sex, Malaysia, 2023</i></p>   | 477 |
| 11.2 | <p><b>Sepuluh sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b></p> <p><i>Ten principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by sex, Malaysia, 2023</i></p> | 471 |
| 11.3 | <p><b>Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b></p> <p><i>Three principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by state, Malaysia, 2023</i></p> | 480 |



**12. KEMATIAN PRAMATANG**  
*PREMATURE DEATHS*

- |             |  |            |
|-------------|--|------------|
| <b>12.1</b> | <b>Kematian pramatang (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Premature deaths (number and rate) by state and sex, Malaysia, 2023</i>   | <b>485</b> |
| <b>12.2</b> | <b>Sepuluh sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023</b><br><i>Ten principal causes of premature death (medically certified and non-medically certified) by sex, Malaysia, 2023</i> | <b>486</b> |
| <b>12.3</b> | <b>Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023</b><br><i>Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2023</i> | <b>488</b> |

**13. MATLAMAT PEMBANGUNAN MAMPAN (SDG)**  
*SUSTAINABLE DEVELOPMENT GOALS (SDG)*

- |             |  |            |
|-------------|--|------------|
| <b>13.1</b> | <b>Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Premature mortality rate attributed to Cardiovascular diseases by state and sex, Malaysia, 2023</i>           | <b>493</b> |
| <b>13.2</b> | <b>Kadar kematian pramatang yang berpunca daripada Cancer mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Premature mortality rate attributed to Cancer by state and sex, Malaysia, 2023</i>   | <b>494</b> |
| <b>13.3</b> | <b>Kadar kematian pramatang yang berpunca daripada Diabetes mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Premature mortality rate attributed to Diabetes by state and sex, Malaysia, 2023</i>   | <b>495</b> |
| <b>13.4</b> | <b>Kadar kematian pramatang yang berpunca daripada Chronic respiratory diseases mengikut negeri dan jantina, Malaysia, 2023</b><br><i>Premature mortality rate attributed to Chronic respiratory diseases by state and sex, Malaysia, 2023</i> | <b>496</b> |

13.5	<b>Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2023</b> <i>Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2023</i>	497
13.6	<b>Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2023</b> <i>Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2023</i>	502
13.7	<b>Kadar kematian pramatang yang berpunca daripada Diabetes mengikut daerah pentadbiran dan jantina, Malaysia, 2023</b> <i>Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2023</i>	507
13.8	<b>Kadar kematian pramatang yang berpunca daripada Chronic respiratory diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2023</b> <i>Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2023</i>	512
13.9	<b>Kematian Bunuh diri (bilangan dan kadar) mengikut negeri kejadian dan jantina, Malaysia, 2023</b> <i>Suicide deaths (number and rate) by state of occurrence and sex, Malaysia, 2023</i>	517
13.10	<b>Kematian Bunuh diri mengikut kewarganegaraan, negeri kejadian dan jantina, Malaysia, 2023</b> <i>Suicide deaths by citizenship, state of occurrence and sex, Malaysia, 2023</i>	518
13.11	<b>Kadar kematian Bunuh diri mengikut kewarganegaraan, negeri kejadian dan jantina, Malaysia, 2023</b> <i>Suicide mortality rate by citizenship, state of occurrence and sex, Malaysia, 2023</i>	519
13.12	<b>Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2023</b> <i>Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2023</i>	520

## 14. SIRI MASA SEBAB KEMATIAN TIME SERIES OF CAUSES OF DEATH

- 14.1 Siri masa lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan), Malaysia, 2000-2023** **525**  
*Time series of five principal causes of death (medically certified and non-medically certified), Malaysia, 2000-2023*
- 14.2 Siri masa lima sebab kematian utama (disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023** **533**  
*Time series of five principal causes of death (medically certified) by sex, Malaysia, 2000-2023*
- 14.3 Siri masa lima sebab kematian utama (tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2000-2023** **541**  
*Time series of five principal causes of death (non-medically certified) by sex, Malaysia, 2000-2023*
- 14.4 Siri masa kematian mengikut pengesah, Malaysia, 2000-2023** **549**  
*Time series of deaths by certification, Malaysia, 2000-2023*
- 14.5 Siri masa sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2023** **550**  
*Time series of causes of death (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2000-2023*
- 14.6 Siri masa sebab kematian (tidak disahkan secara perubatan), Malaysia, 2000-2023** **558**  
*Time series of causes of death (non-medically certified), Malaysia, 2000-2023*
- 14.7 Siri masa kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2000-2023** **566**  
*Time series of medically certified deaths by ICD-10 Chapters, Malaysia, 2000-2023*
- 14.8 Siri masa kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2000-2023** **574**  
*Time series of medically certified deaths by Chapters of Neoplasms, Malaysia, 2000-2023*

**LAMPIRAN**  
**APPENDICES**

<b>A</b>	<b>Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan (jadual tabulasi 1)</b>	<b>597</b>
	<i>Special tabulation list for medically certified causes of death (tabulation list 1)</i>	
<b>B</b>	<b>Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan (jadual tabulasi 2)</b>	<b>603</b>
	<i>Special tabulation list for medically certified causes of death (tabulation list 2)</i>	
<b>C</b>	<b>Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan (jadual tabulasi 3)</b>	<b>608</b>
	<i>Special tabulation list for medically certified causes of death (tabulation list 3)</i>	
<b>D</b>	<b>Kod kumpulan utama bagi sebab kematian yang tidak disahkan secara perubatan</b>	<b>612</b>
	<i>Main group code for non-medically certified causes of death</i>	

# **PENEMUAN UTAMA**

## *MAIN FINDINGS*

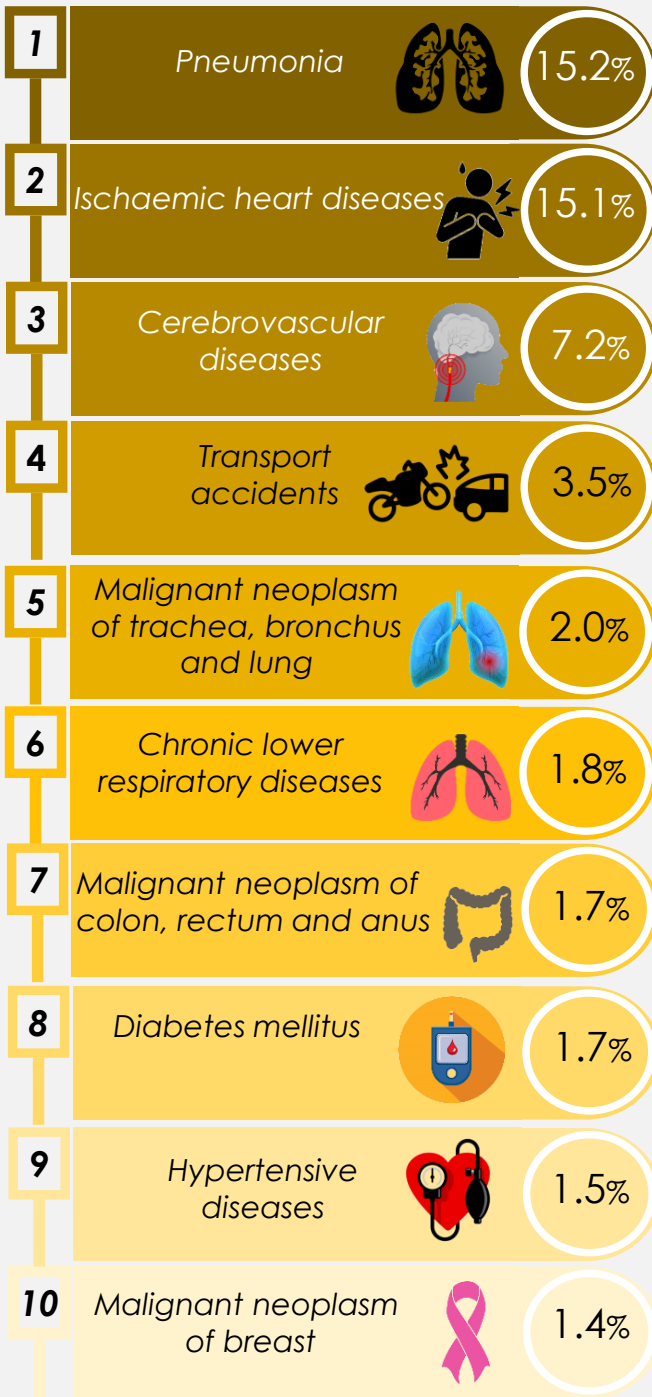
**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

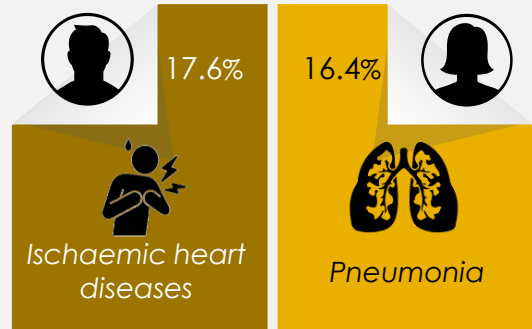


# PERANGKAAAN SEBAB KEMATIAN, MALAYSIA, 2024

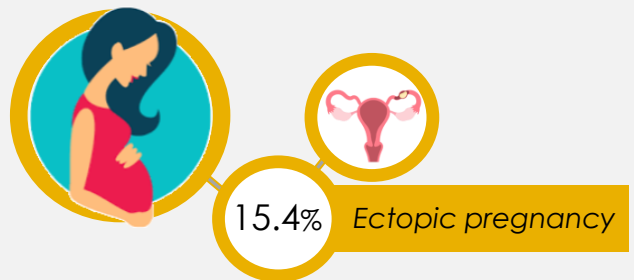
## 10 Sebab kematian utama 2023



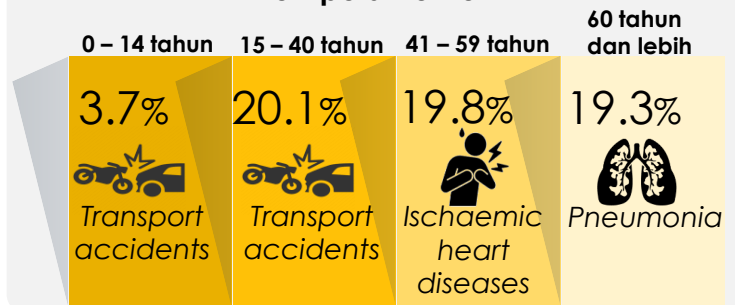
## Sebab kematian utama mengikut jantina



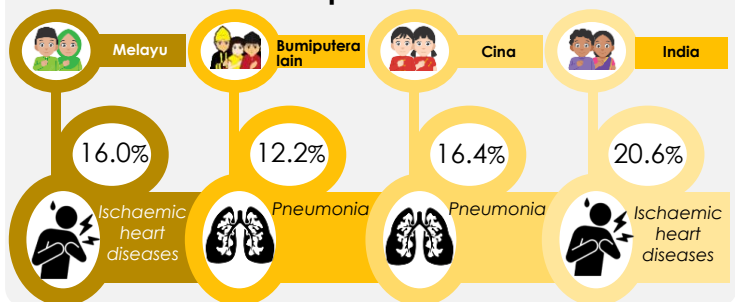
## Sebab kematian utama ibu bersalin



## Sebab kematian utama mengikut kumpulan umur



## Sebab kematian utama mengikut kumpulan etnik



Nota:

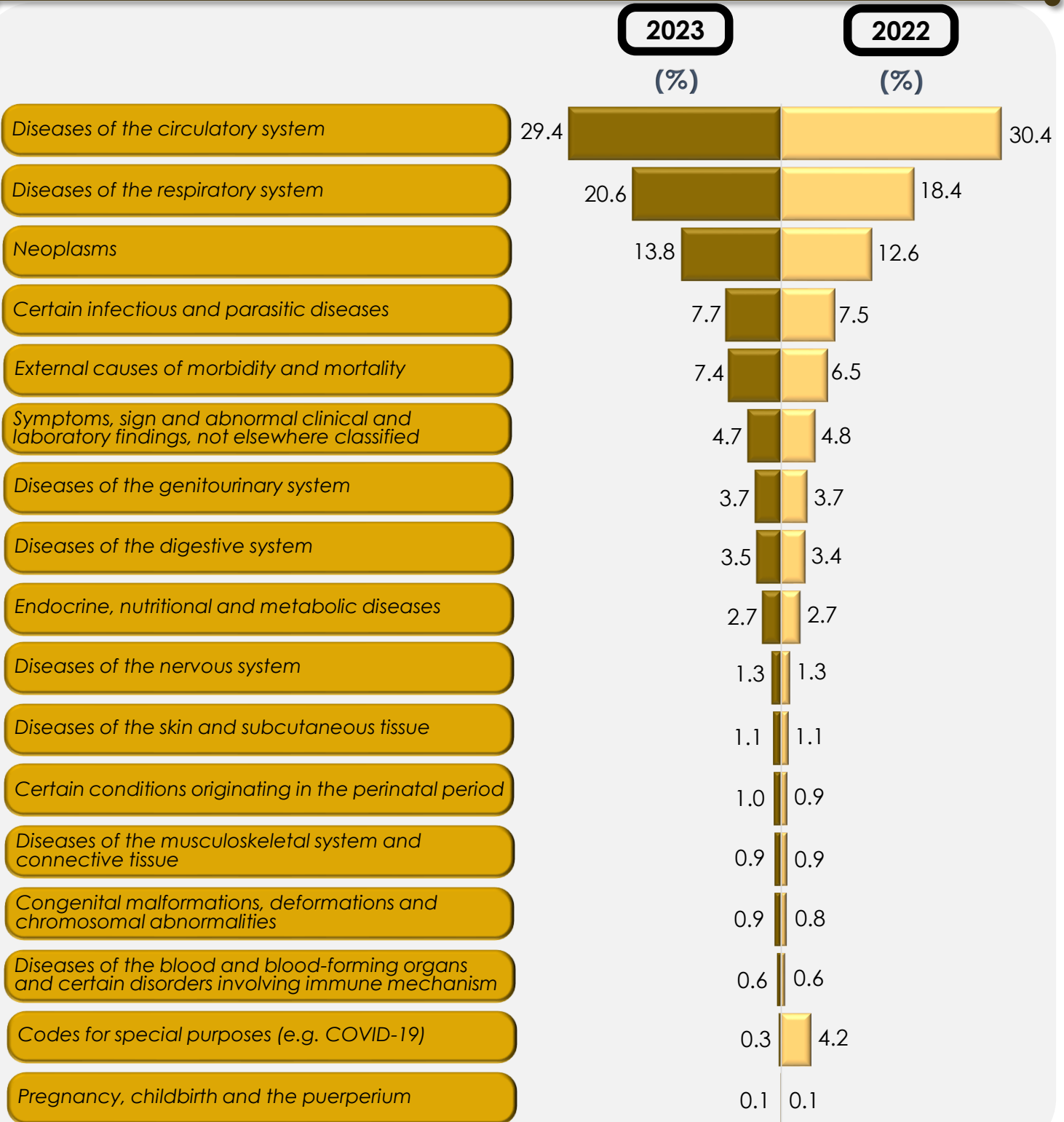
1. Data merujuk tahun 2023.

2. Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 60.7 peratus daripada jumlah kematian.

Sumber: Perangkaan Sebab Kematian, Malaysia, 2024, Jabatan Perangkaan Malaysia (DOSM)



## Kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2022-2023



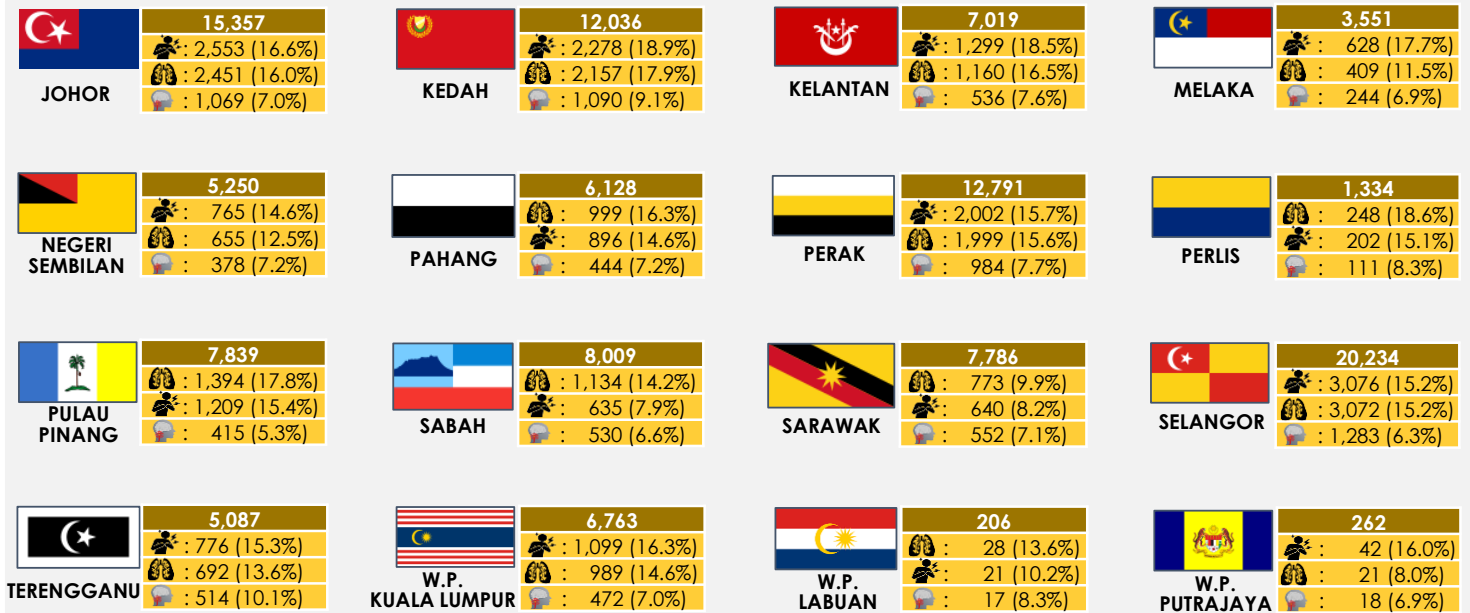
Nota: Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 60.7 peratus daripada jumlah kematian.

Sumber: Perangkaan Sebab Kematian, Malaysia, 2024, Jabatan Perangkaan Malaysia (DOSM)





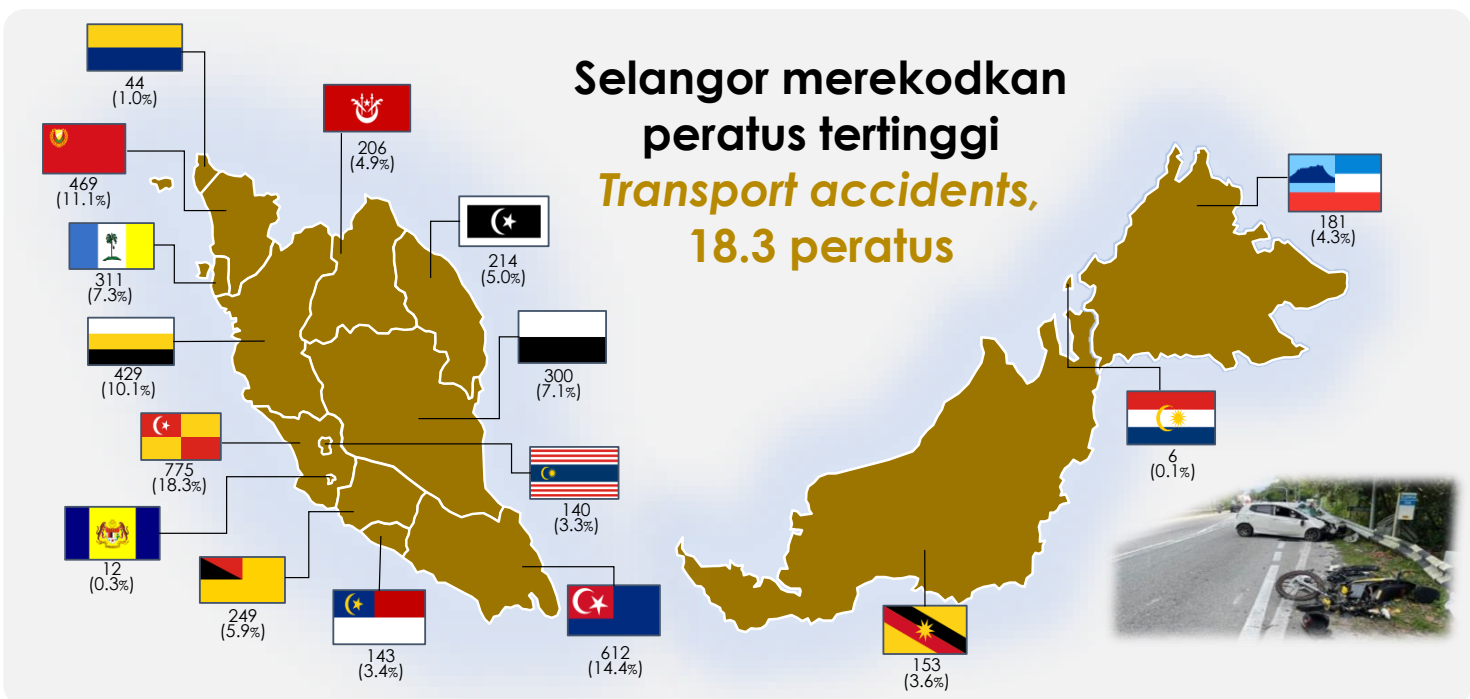
### 3 Sebab kematian utama mengikut negeri, Malaysia, 2023



**Petuniuk:**

■ Bilangan kematian    🧑‍🦱 Ischaemic heart diseases    🫁 Pneumonia    🧠 Cerebrovascular diseases

### Sebab kematian utama *Transport accidents* mengikut negeri, 2023

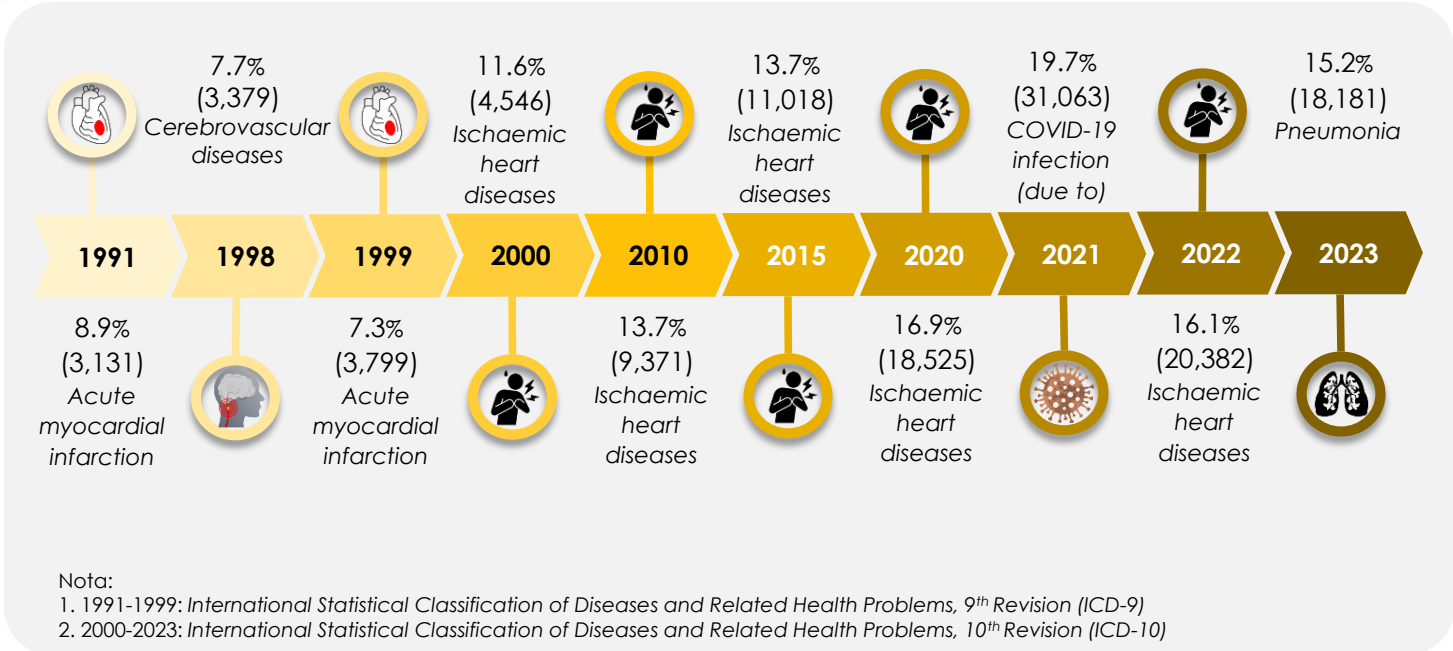


Nota: Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 60.7 peratus daripada jumlah kematian.

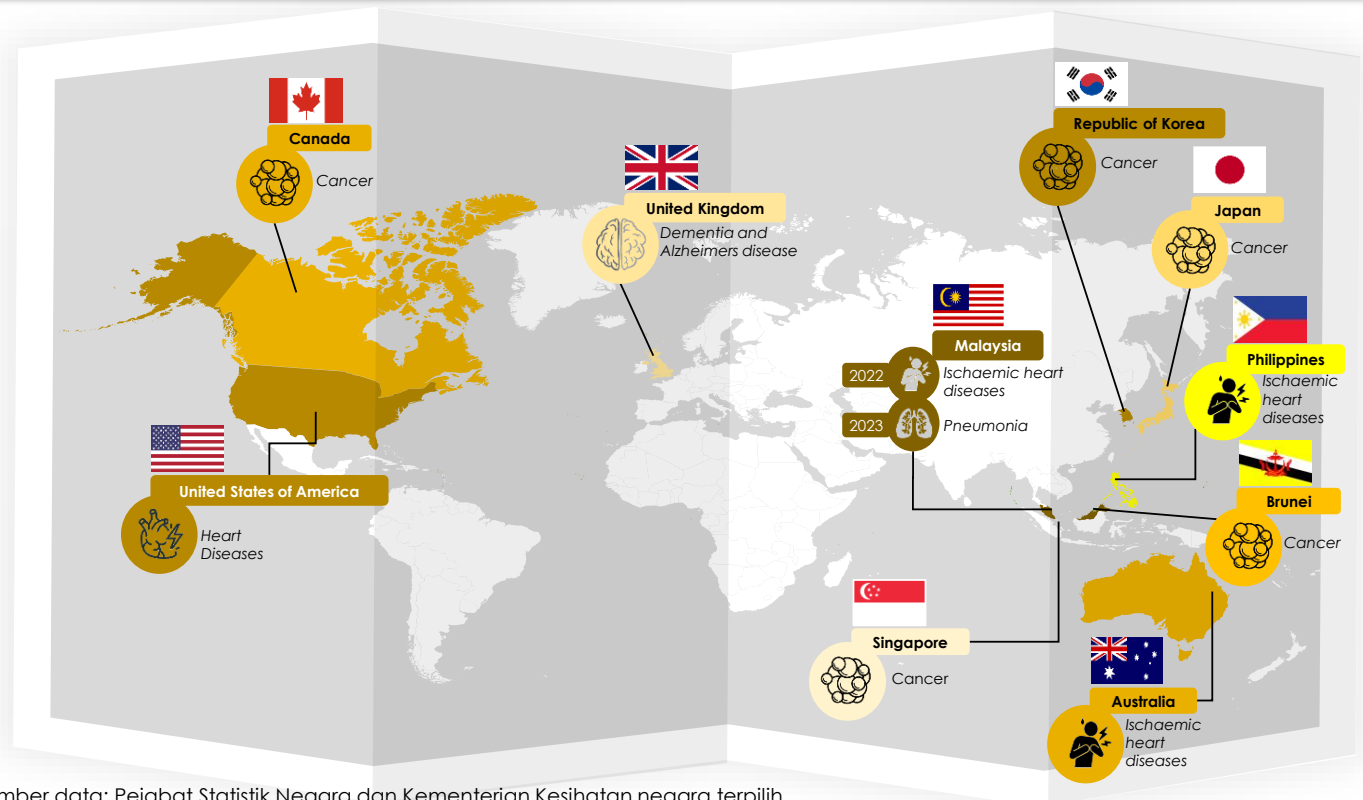
Sumber: Perangkaan Sebab Kematian, Malaysia, 2024, Jabatan Perangkaan Malaysia (DOSM)



## Sebab kematian utama, Malaysia, 1991-2023



## Sebab kematian utama bagi negara terpilih, 2022



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

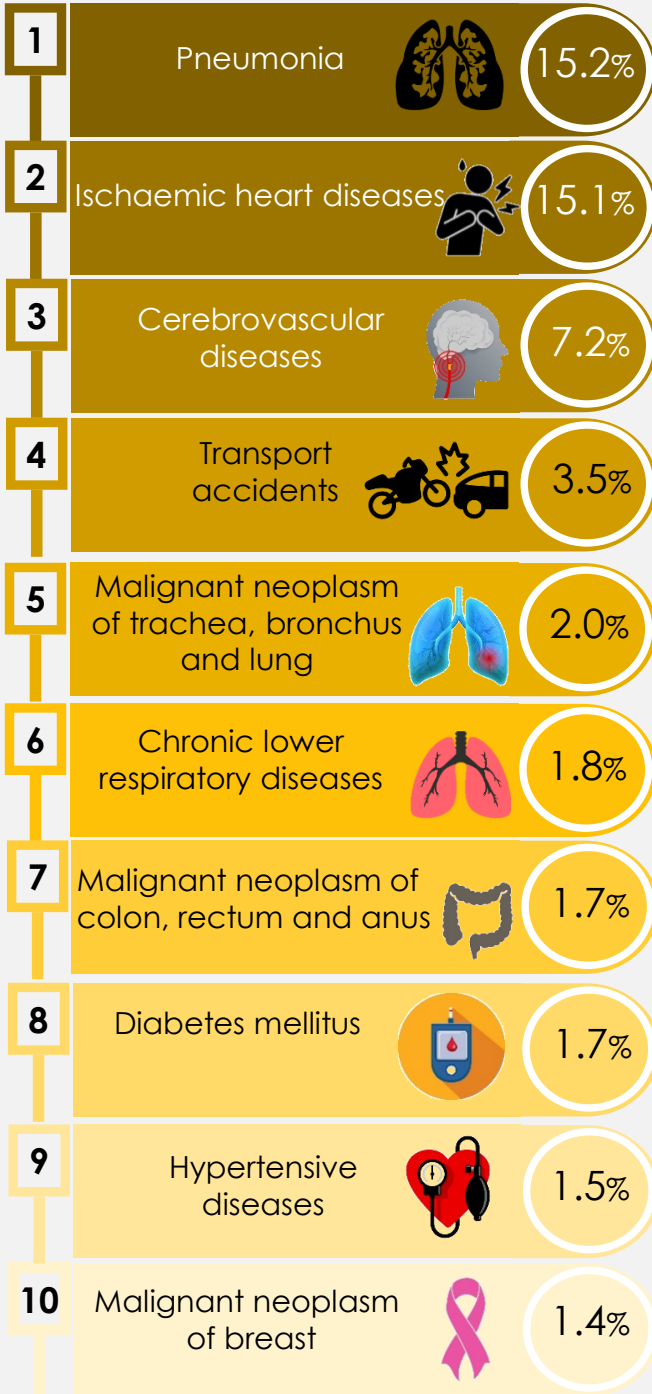
Nota: Analisis adalah berdasarkan sebab kematian yang disahkan secara perubatan yang mewakili 60.7 peratus daripada jumlah kematian.

Sumber: Perangkaan Sebab Kematian, Malaysia, 2024, Jabatan Perangkaan Malaysia (DOSM)



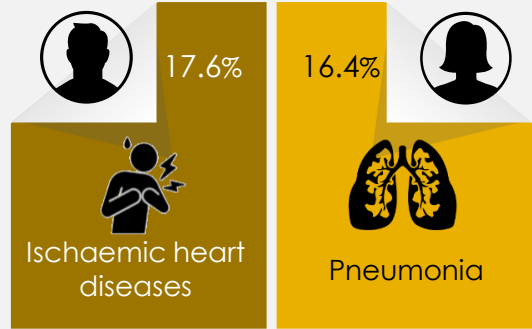
# STATISTICS ON CAUSES OF DEATH, MALAYSIA, 2024

## 10 Principal causes of death 2023

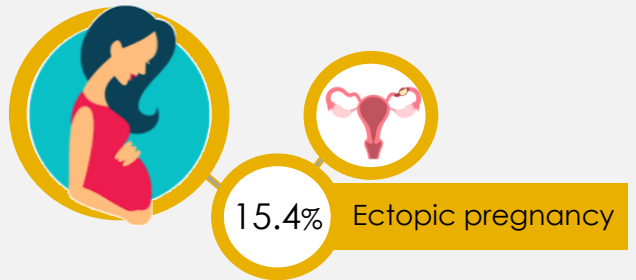


Notes:  
1. Data refer to 2023.  
2. The analysis is based on medically certified causes of death which represent 60.7 per cent of total deaths.

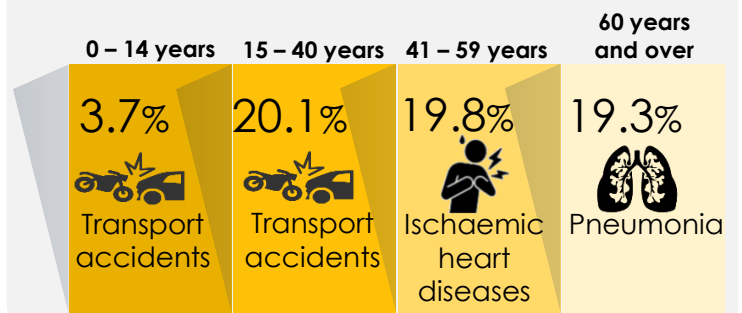
### The principal causes of death by sex



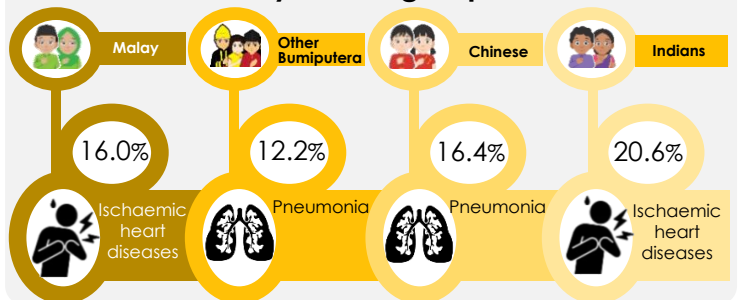
### The principal causes of maternal death



### The principal causes of death by age group

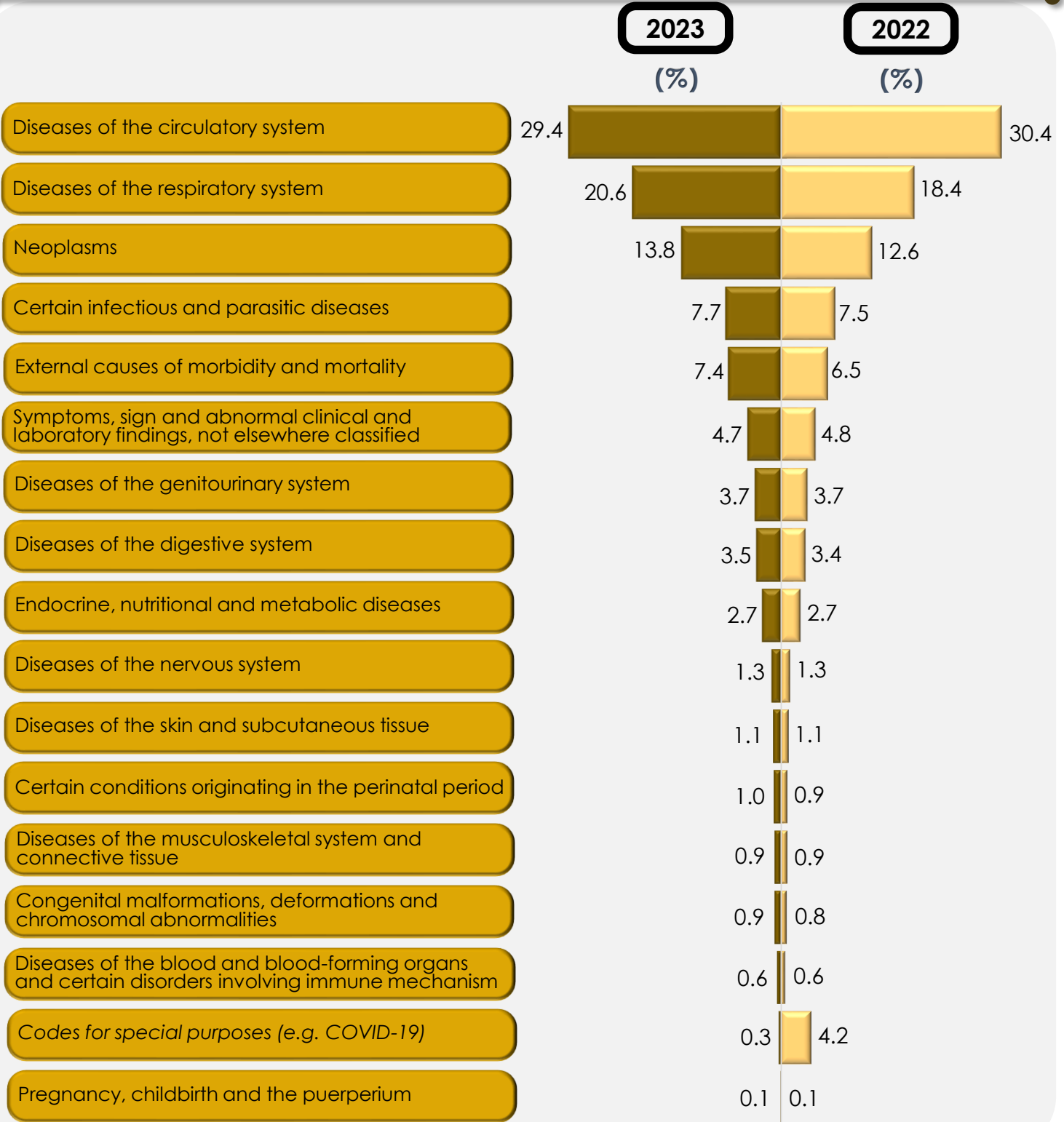


### The principal causes of death by ethnic group





## Medically certified causes of death by Chapter ICD-10, Malaysia, 2022-2023

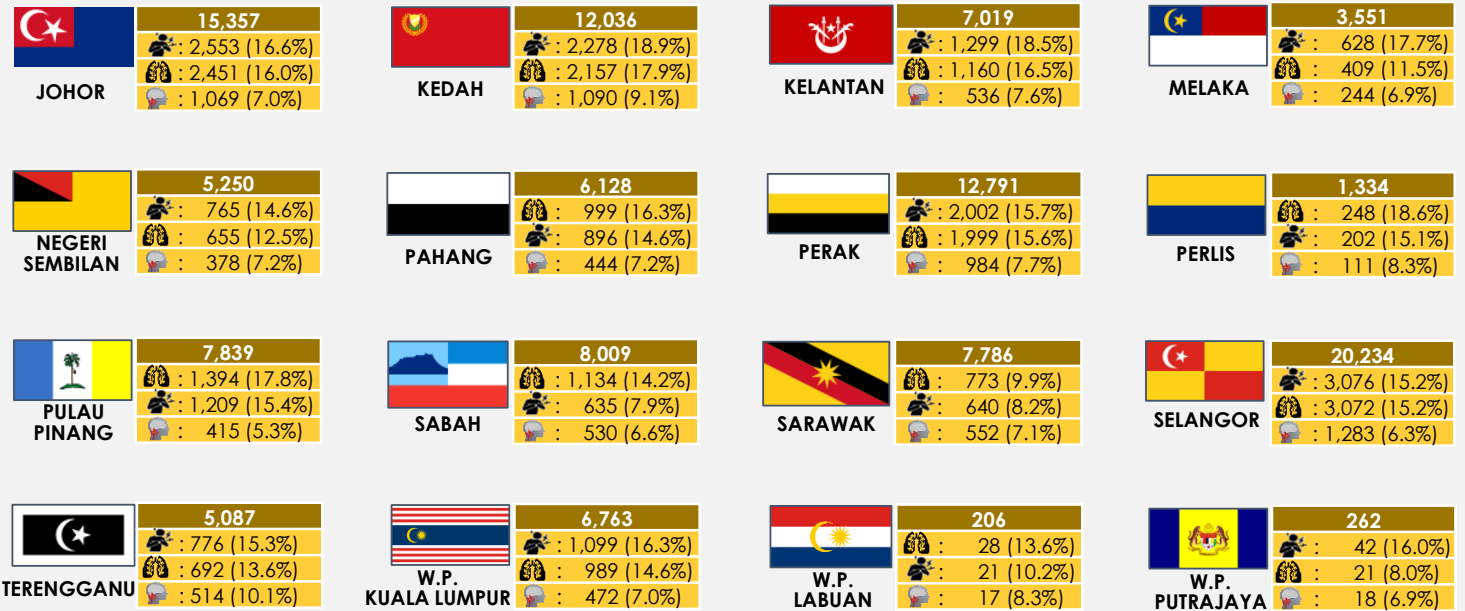


Note: The analysis is based on medically certified causes of death which represent 60.7 per cent of total deaths.

Source: Statistics on Causes of Death, Malaysia, 2024, Department of Statistics Malaysia (DOSM)



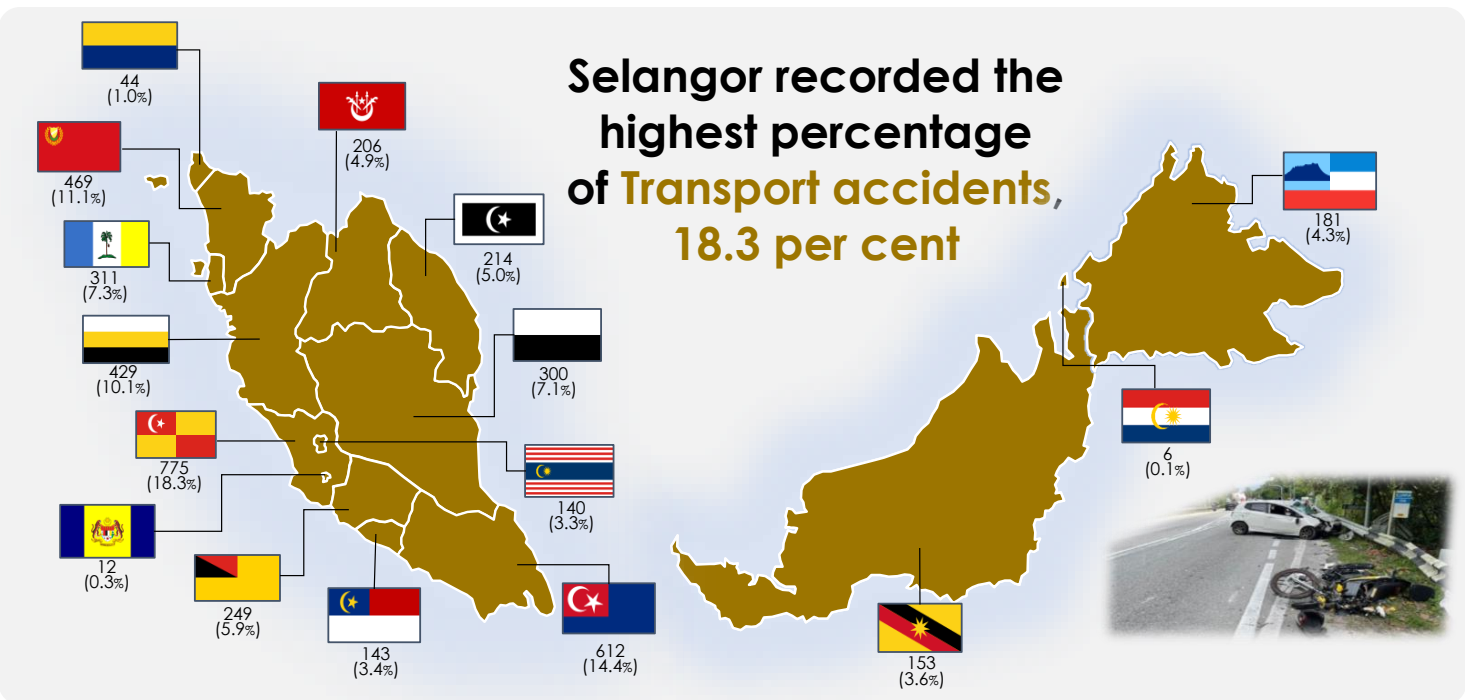
### 3 Principal causes of death by state, 2023



**Legend:**

Number of deaths    Ischaemic heart diseases    Pneumonia    Cerebrovascular diseases

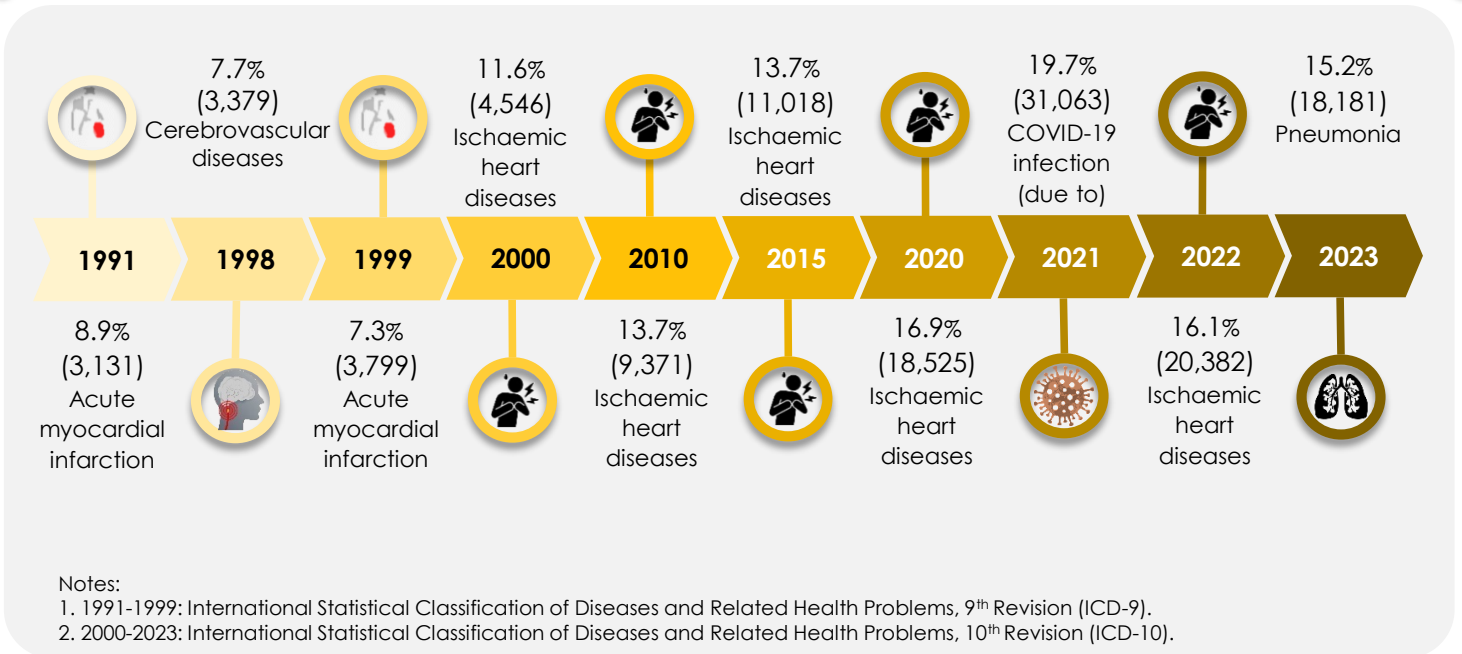
### The Principal causes of death for Transport accidents by state, 2023



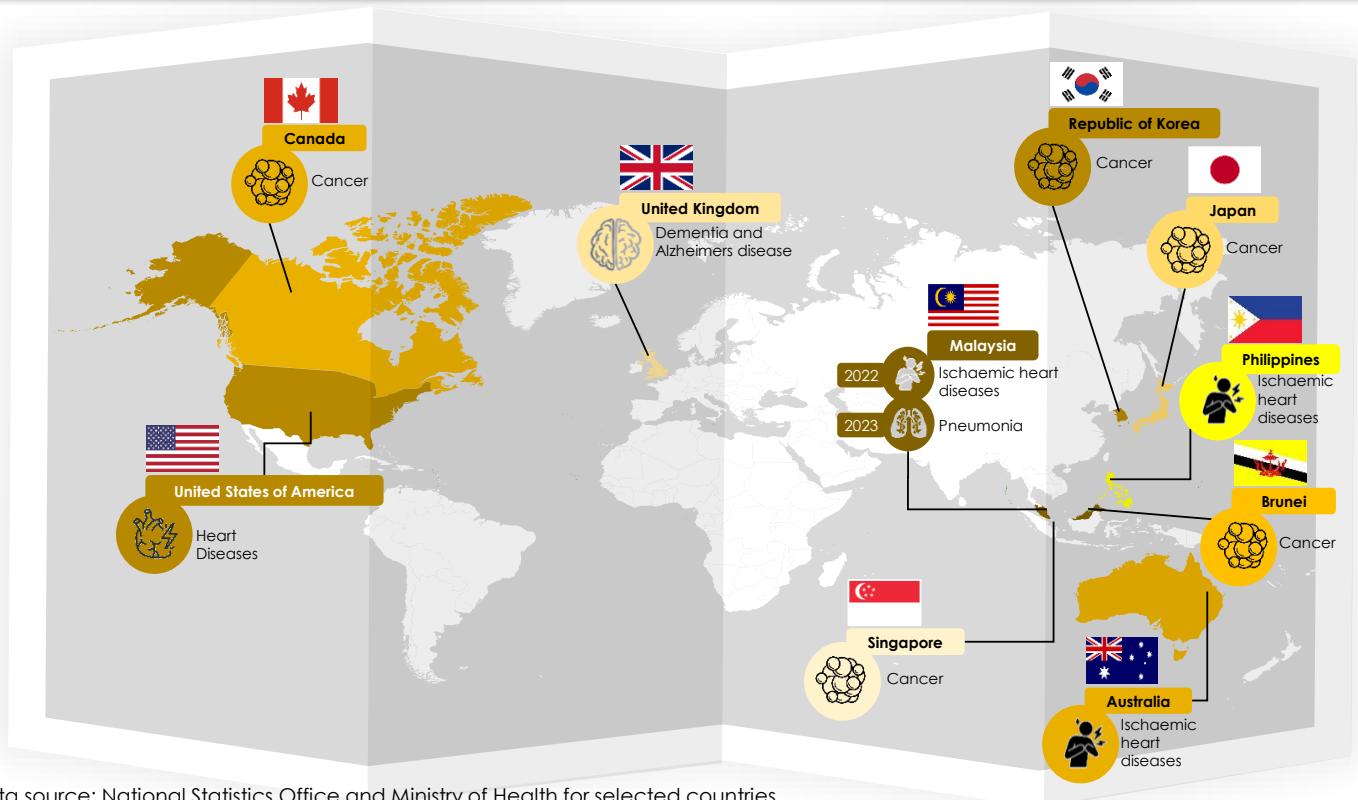
Note: The analysis is based on medically certified causes of death which represent 60.7 per cent of total deaths.



## The principal causes of death, Malaysia, 1991-2023



## The principal causes of death by selected countries, 2022




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

Note: The analysis is based on medically certified causes of death which represent 60.7 per cent of total deaths.

Source: Statistics on Causes of Death, Malaysia, 2024, Department of Statistics Malaysia (DOSM)

**SEPINTAS LALU  
PERANGKAAN  
SEBAB KEMATIAN  
MENGIKUT NEGERI**



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



BILANGAN KEMATIAN, MALAYSIA, 2023



MALAYSIA



112,293 (57.0%)  
kematian



196,965  
kematian



84,672 (43.0%)  
kematian

PURATA

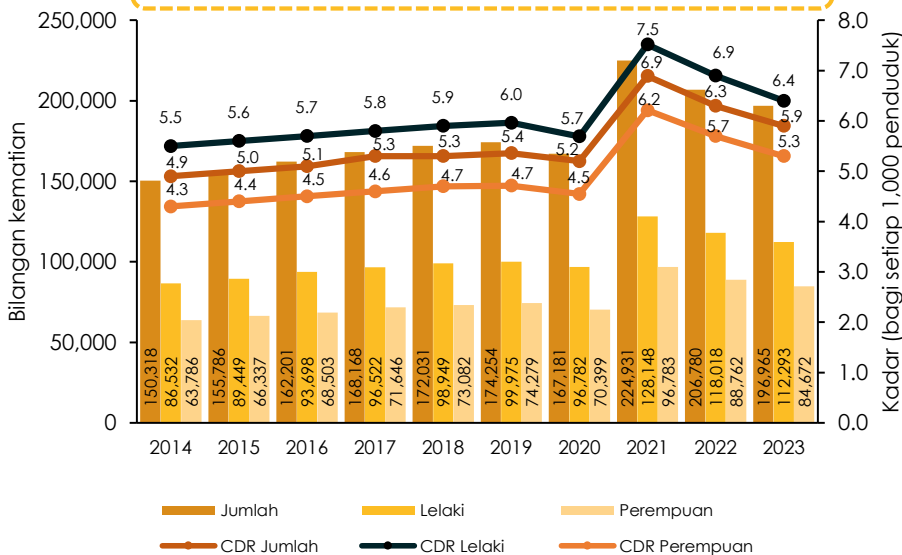
1 kematian setiap 3 minit

22 kematian setiap jam

540 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), MALAYSIA, 2014-2023

Kematian pada 2023 menurun **4.7 peratus** (9,815 kematian) berbanding 2022 (206,780 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



Pneumonia

merupakan sebab kematian utama di Malaysia tahun 2023

15.2%



Ischaemic heart diseases

17.6%



Pneumonia

16.4%



Ectopic pregnancy

merupakan sebab kematian utama bagi ibu bersalin

15.4%

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, MALAYSIA, 2023

1 Diseases of the circulatory system

29.4%  
30.4%

3 Neoplasms

13.8%  
12.6%

5 External causes of morbidity and mortality

7.4%  
6.8%

2 Diseases of the respiratory system

20.6%  
18.5%

4 Certain infectious and parasitic diseases

7.7%  
7.4%

Nota:  
2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, MALAYSIA, 2023



**Melayu (64,914 kematian)**

1	Ischaemic heart diseases	16.0%
2	Pneumonia	15.3%
3	Cerebrovascular diseases	7.9%
4	Transport accidents	4.2%
5	Diabetes mellitus	2.0%



**Bumiputera Lain (10,306 kematian)**

1	Pneumonia	12.2%
2	Ischaemic heart diseases	8.0%
3	Cerebrovascular diseases	6.9%
4	Chronic lower respiratory diseases	3.1%
5	Transport accidents	2.9%



**Cina (29,733 kematian)**

1	Pneumonia	16.4%
2	Ischaemic heart diseases	14.0%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	3.0%
5	Malignant neoplasm of colon, rectum and anus	2.9%



**India (11,439 kematian)**

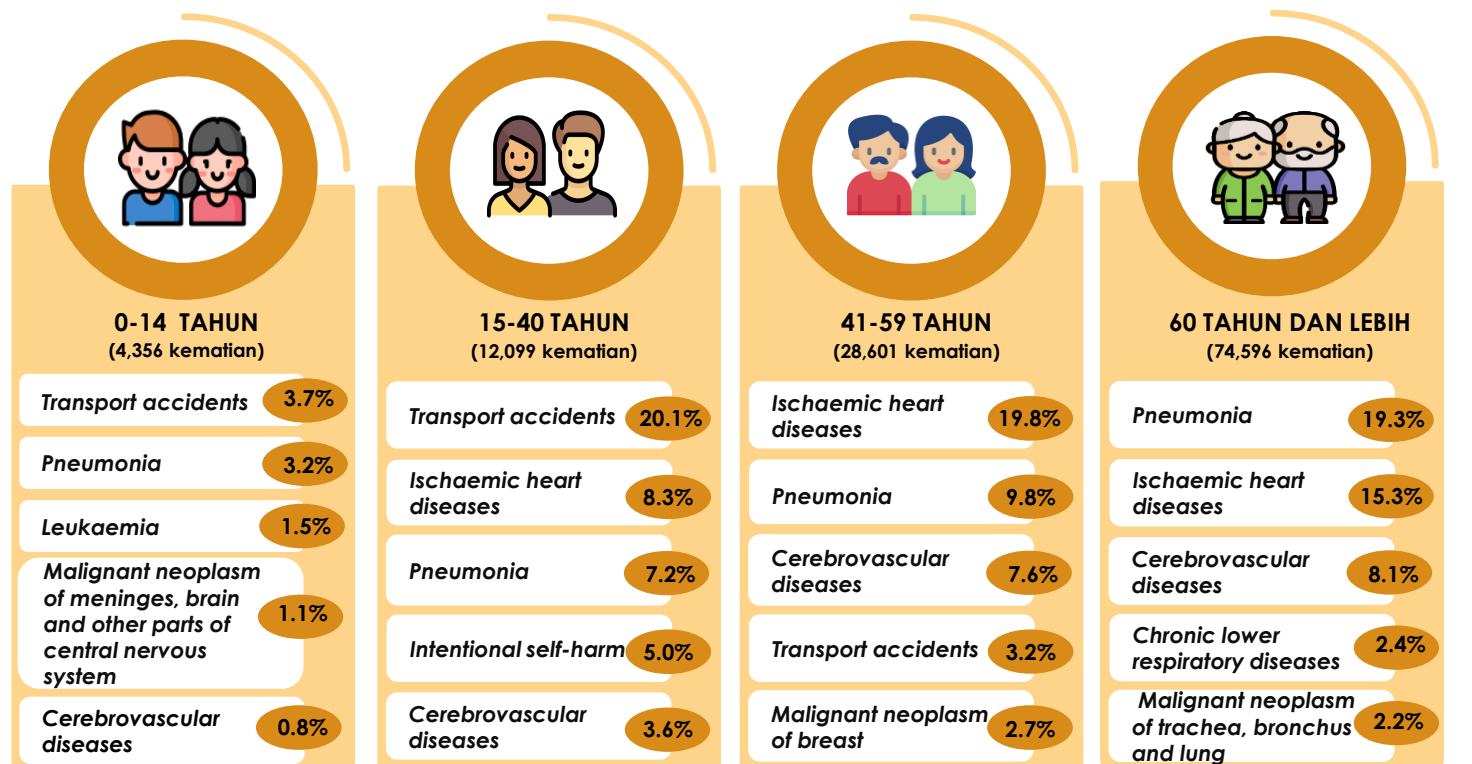
1	Ischaemic heart diseases	20.6%
2	Pneumonia	14.3%
3	Cerebrovascular diseases	5.4%
4	Transport accidents	4.7%
5	Diseases of the liver	2.7%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, MALAYSIA, 2023



LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, MALAYSIA, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, MALAYSIA, 2023**

Kumpulan umur	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Malignant neoplasm of trachea, bronchus and lung</i>
<b>Jumlah</b>	<b>18,181</b>	<b>18,121</b>	<b>8,657</b>	<b>4,244</b>	<b>2,373</b>
<b>0</b>	54 (0.3%)	-	-	12 (0.3%)	-
<b>1-4</b>	36 (0.2%)	-	-	40 (0.9%)	-
<b>5-9</b>	21 (0.1%)	-	-	20 (0.5%)	-
<b>10-14</b>	28 (0.2%)	-	7 (0.1%)	90 (2.1%)	-
<b>15-19</b>	54 (0.3%)	4 (0.0%)	16 (0.2%)	616 (14.5%)	-
<b>20-24</b>	89 (0.5%)	34 (0.2%)	22 (0.3%)	642 (15.1%)	2 (0.1%)
<b>25-29</b>	133 (0.7%)	93 (0.5%)	44 (0.5%)	432 (10.2%)	12 (0.5%)
<b>30-34</b>	202 (1.1%)	236 (1.3%)	88 (1.0%)	364 (8.6%)	12 (0.5%)
<b>35-39</b>	308 (1.7%)	476 (2.6%)	211 (2.4%)	334 (7.9%)	31 (1.3%)
<b>40-44</b>	401 (2.2%)	877 (4.8%)	321 (3.7%)	272 (6.4%)	66 (2.8%)
<b>45-49</b>	574 (3.2%)	1,253 (6.9%)	495 (5.7%)	253 (6.0%)	115 (4.8%)
<b>50-54</b>	747 (4.1%)	1,599 (8.8%)	598 (6.9%)	223 (5.3%)	194 (8.2%)
<b>55-59</b>	1,157 (6.4%)	2,100 (11.6%)	813 (9.4%)	215 (5.1%)	285 (12.0%)
<b>60-64</b>	1,640 (9.0%)	2,259 (12.5%)	970 (11.2%)	206 (4.9%)	370 (15.6%)
<b>65-69</b>	2,268 (12.5%)	2,431 (13.4%)	1,076 (12.4%)	173 (4.1%)	421 (17.7%)
<b>70-74</b>	2,637 (14.5%)	2,223 (12.3%)	1,133 (13.1%)	179 (4.2%)	360 (15.2%)
<b>75-79</b>	2,668 (14.7%)	1,770 (9.8%)	1,052 (12.2%)	99 (2.3%)	268 (11.3%)
<b>80-84</b>	2,392 (13.2%)	1,414 (7.8%)	884 (10.2%)	48 (1.1%)	155 (6.5%)
<b>85 dan lebih</b>	2772 (15.2%)	1352 (7.5%)	927 (10.7%)	26 (0.6%)	82 (3.5%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, JOHOR, 2023



JOHOR



14,200 (57.5%)  
kematian



24,705  
kematian



10,505 (42.5%)  
kematian

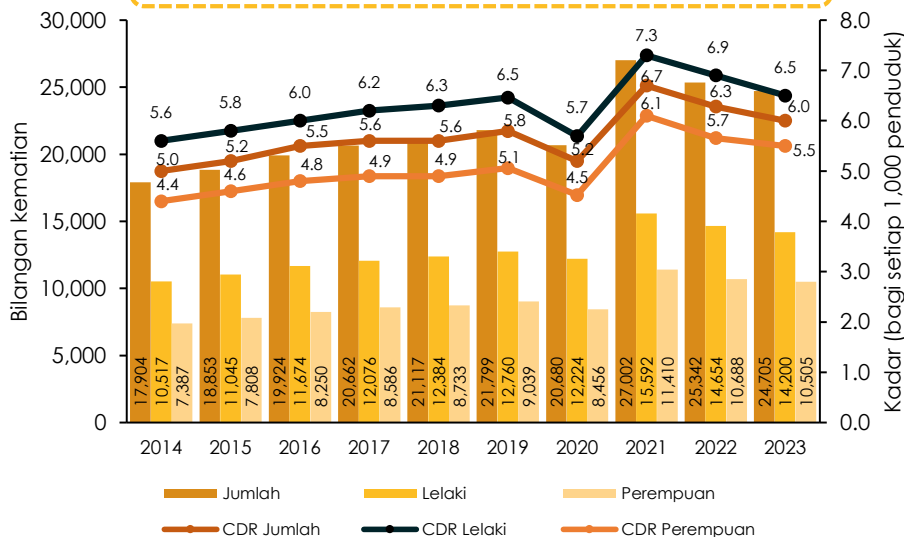
PURATA

3 kematian setiap jam

68 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), JOHOR, 2014-2023

Kematian pada 2023 menurun **2.5 peratus** (637 kematian) berbanding 2022 (25,342 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



**Ischaemic heart diseases** merupakan sebab kematian utama di **Johor** tahun 2023

16.6%



**Ischaemic heart diseases**

19.1%



**Pneumonia**

17.1%



**Ectopic pregnancy**

merupakan sebab kematian utama bagi ibu bersalin

25.0%

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, JOHOR, 2023

1 Diseases of the circulatory system

31.2%  
31.8%

3 Neoplasms

12.8%  
12.3%

5 Certain infectious and parasitic diseases

7.5%  
7.6%

2 Diseases of the respiratory system

21.2%  
18.7%

4 External causes of morbidity and mortality

8.3%  
6.8%

**Nota**  
2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, JOHOR, 2023



Melayu (8,728 kematian)

1	Ischaemic heart diseases	16.4%
2	Pneumonia	15.7%
3	Cerebrovascular diseases	7.1%
4	Transport accidents	4.5%
5	Hypertensive diseases	1.9%



Bumiputera Lain (157 kematian)

1	Ischaemic heart diseases	20.4%
2	Pneumonia	10.2%
3	Cerebrovascular diseases	5.7%
4	Transport accidents	4.5%
5	Malignant neoplasm of liver and intrahepatic bile ducts	2.5%



Cina (4,627 kematian)

1	Pneumonia	17.6%
2	Ischaemic heart diseases	15.5%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of colon, rectum and anus	2.9%
5	Malignant neoplasm of trachea, bronchus and lung	2.5%



India (1,379 kematian)

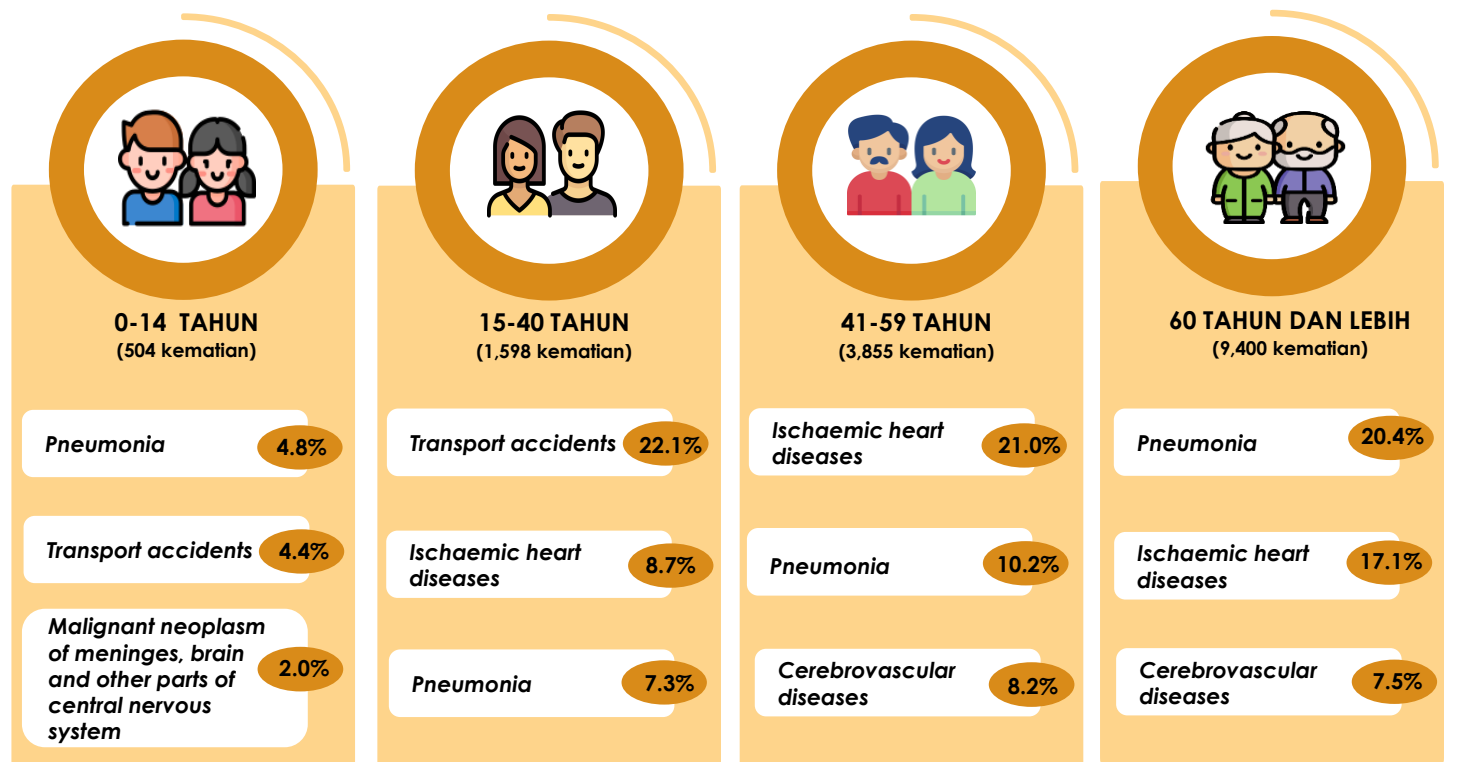
1	Ischaemic heart diseases	22.3%
2	Pneumonia	13.4%
3	Transport accidents	6.0%
4	Cerebrovascular diseases	5.6%
5	Intentional self-harm	2.2%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, JOHOR, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, JOHOR, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

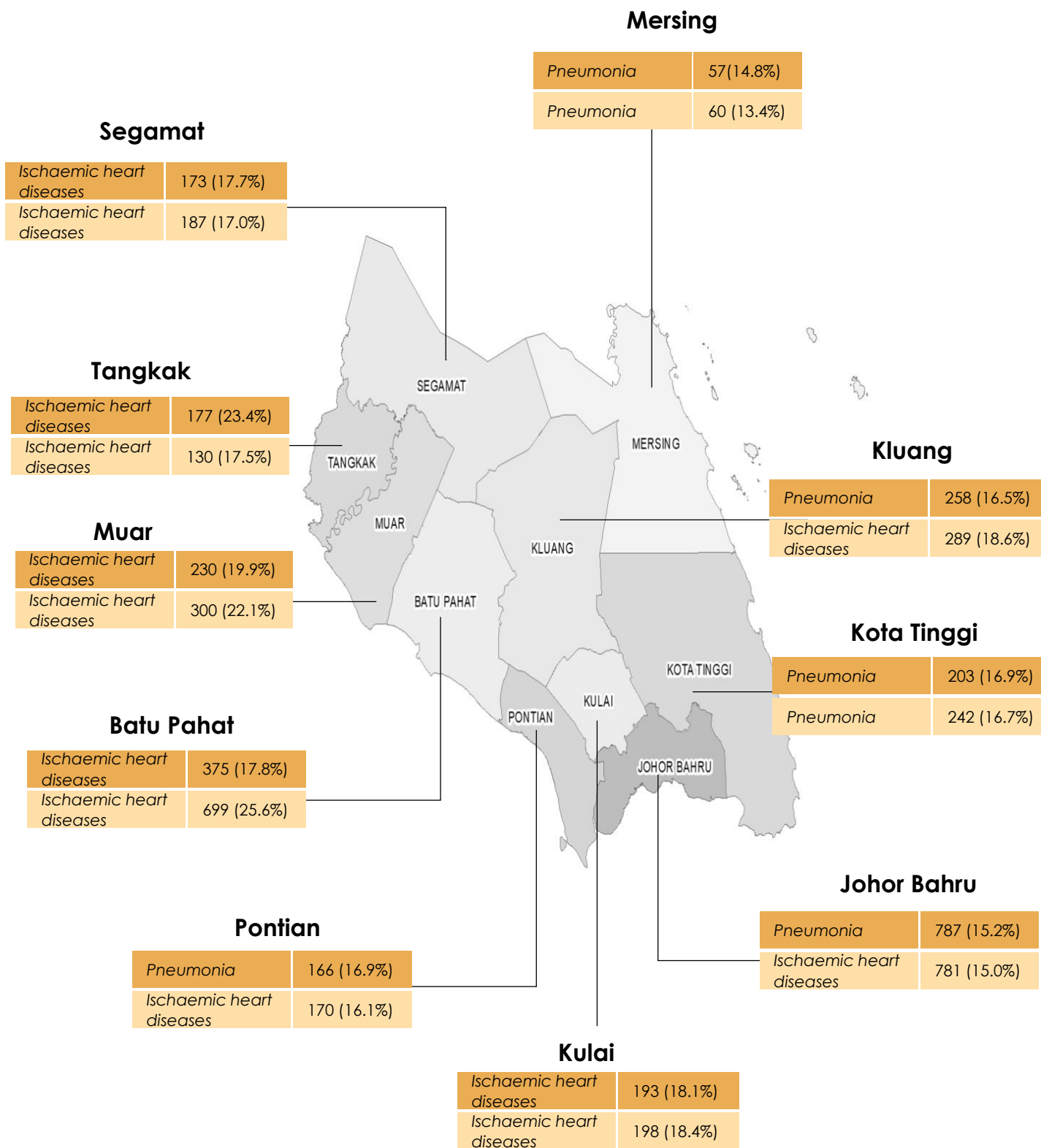
**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, JOHOR, 2023**

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Malignant neoplasm of colon, rectum and anus</i>
<b>Jumlah</b>	<b>2,553</b>	<b>2,451</b>	<b>1,069</b>	<b>612</b>	<b>274</b>
<b>0</b>	-	10 (0.4%)	-	-	-
<b>1-4</b>	-	4 (0.2%)	-	7 (1.1%)	-
<b>5-9</b>	-	4 (0.2%)	-	1 (0.2%)	-
<b>10-14</b>	-	6 (0.2%)	-	14 (2.3%)	-
<b>15-19</b>	-	8 (0.3%)	2 (0.2%)	89 (14.5%)	-
<b>20-24</b>	5 (0.2%)	14 (0.6%)	-	104 (17.0%)	2 (0.7%)
<b>25-29</b>	13 (0.5%)	22 (0.9%)	5 (0.5%)	62 (10.1%)	3 (1.1%)
<b>30-34</b>	33 (1.3%)	26 (1.1%)	11 (1.0%)	53 (8.7%)	5 (1.8%)
<b>35-39</b>	65 (2.5%)	37 (1.5%)	25 (2.3%)	37 (6.0%)	5 (1.8%)
<b>40-44</b>	122 (4.8%)	58 (2.4%)	41 (3.8%)	39 (6.4%)	10 (3.6%)
<b>45-49</b>	169 (6.6%)	64 (2.6%)	83 (7.8%)	38 (6.2%)	10 (3.6%)
<b>50-54</b>	235 (9.2%)	100 (4.1%)	85 (8.0%)	43 (7.0%)	23 (8.4%)
<b>55-59</b>	307 (12.0%)	179 (7.3%)	114 (10.7%)	21 (3.4%)	26 (9.5%)
<b>60-64</b>	336 (13.2%)	233 (9.5%)	116 (10.9%)	29 (4.7%)	45 (16.4%)
<b>65-69</b>	341 (13.4%)	330 (13.5%)	131 (12.3%)	25 (4.1%)	41 (15.0%)
<b>70-74</b>	315 (12.3%)	347 (14.2%)	135 (12.6%)	25 (4.1%)	46 (16.8%)
<b>75-79</b>	226 (8.9%)	347 (14.2%)	122 (11.4%)	14 (2.3%)	35 (12.8%)
<b>80-84</b>	189 (7.4%)	320 (13.1%)	96 (9.0%)	6 (1.0%)	16 (5.8%)
<b>85 dan lebih</b>	197 (7.7%)	342 (14.0%)	103 (9.6%)	5 (0.8%)	7 (2.6%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan



SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, JOHOR



**Nota**

Sebab kematian utama 2023

Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

BILANGAN KEMATIAN, KEDAH, 2023



KEDAH



9,301 (55.9%)  
kematian



16,643  
kematian



7,342 (44.1%)  
kematian

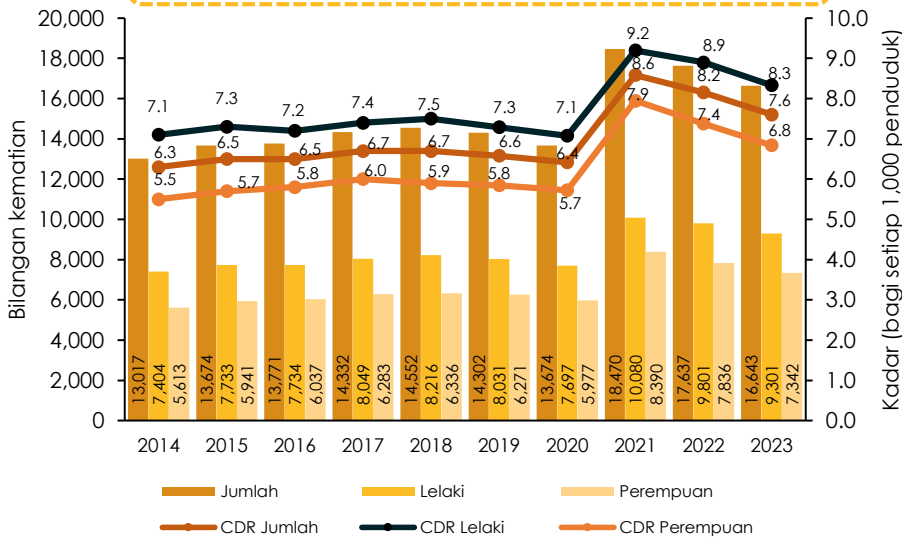
PURATA

2 kematian setiap jam

46 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), KEDAH, 2014-2023

Kematian pada 2023 menurun **5.6 peratus** (994 kematian) berbanding 2022 (17,637 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



**Ischaemic heart diseases** merupakan sebab kematian utama di Kedah tahun 2023

18.9%



**Ischaemic heart diseases**

21.5%



**Pneumonia**

19.9%



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

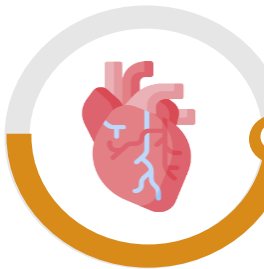
30.8%

merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, KEDAH, 2023

1 Diseases of the circulatory system

34.8%  
32.0%



3 Neoplasms

9.7%  
8.7%



2 Diseases of the respiratory system

23.8%  
21.7%



4 External causes of morbidity and mortality

6.4%  
7.1%



5 Certain infectious and parasitic diseases

5.9%  
6.2%



**Nota**  
2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, KEDAH, 2023



Melayu (9,319 kematian)

1	Ischaemic heart diseases	19.0%
2	Pneumonia	18.2%
3	Cerebrovascular diseases	9.3%
4	Transport accidents	4.0%
5	Diabetes mellitus	3.2%



Bumiputera Lain (10 kematian)

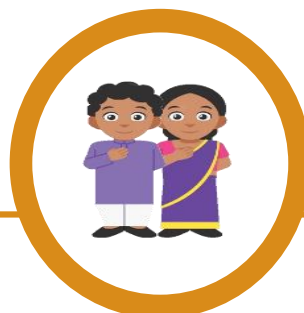
1	Ischaemic heart diseases	20.0%
2	Pneumonia	20.0%
3	Malignant neoplasm of pancreas	10.0%

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



Cina (1,557 kematian)

1	Pneumonia	17.7%
2	Ischaemic heart diseases	17.2%
3	Cerebrovascular diseases	9.3%
4	Malignant neoplasm of trachea, bronchus and lung	2.6%
5	Transport accidents	2.6%

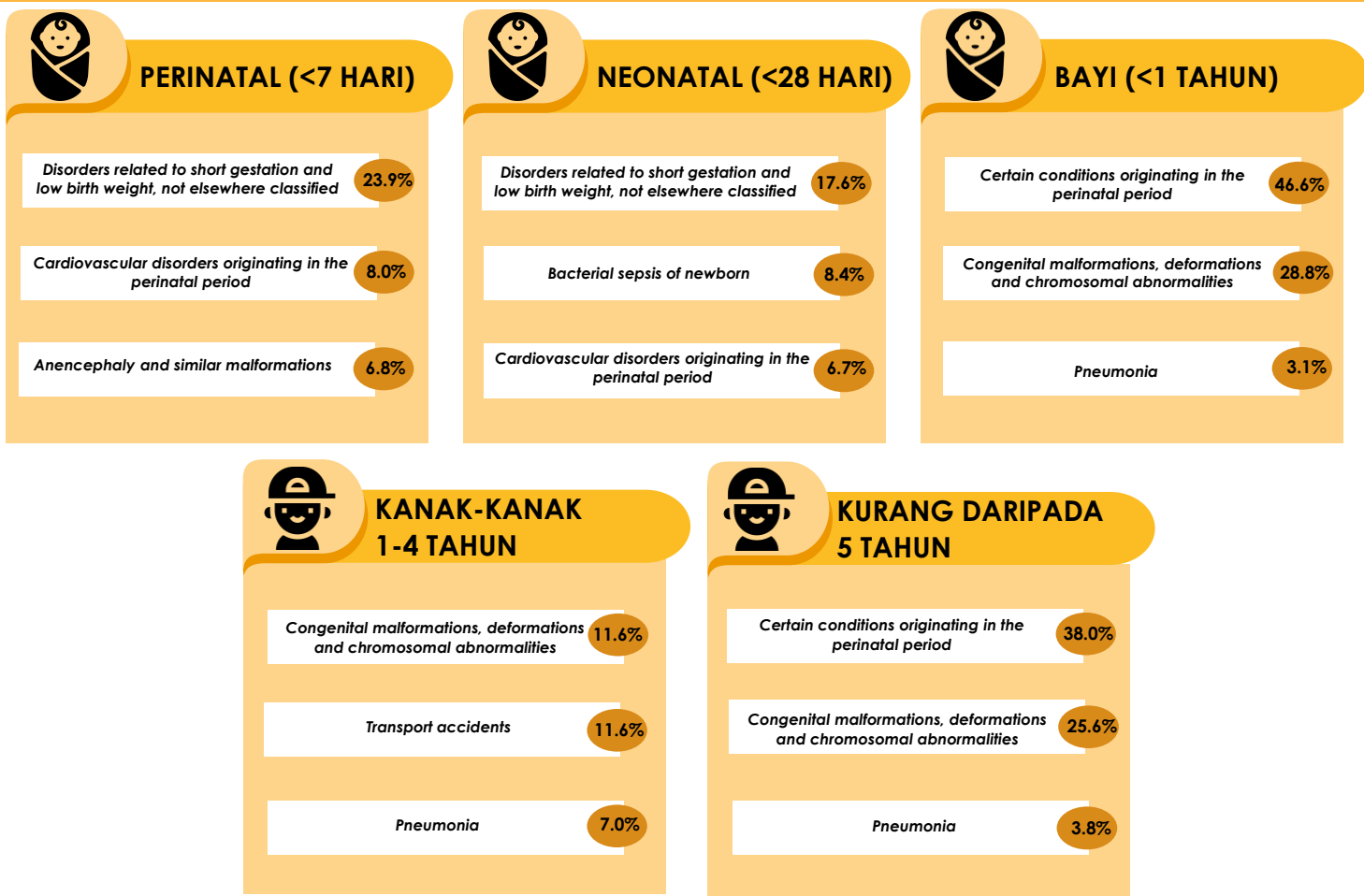


India (951 kematian)

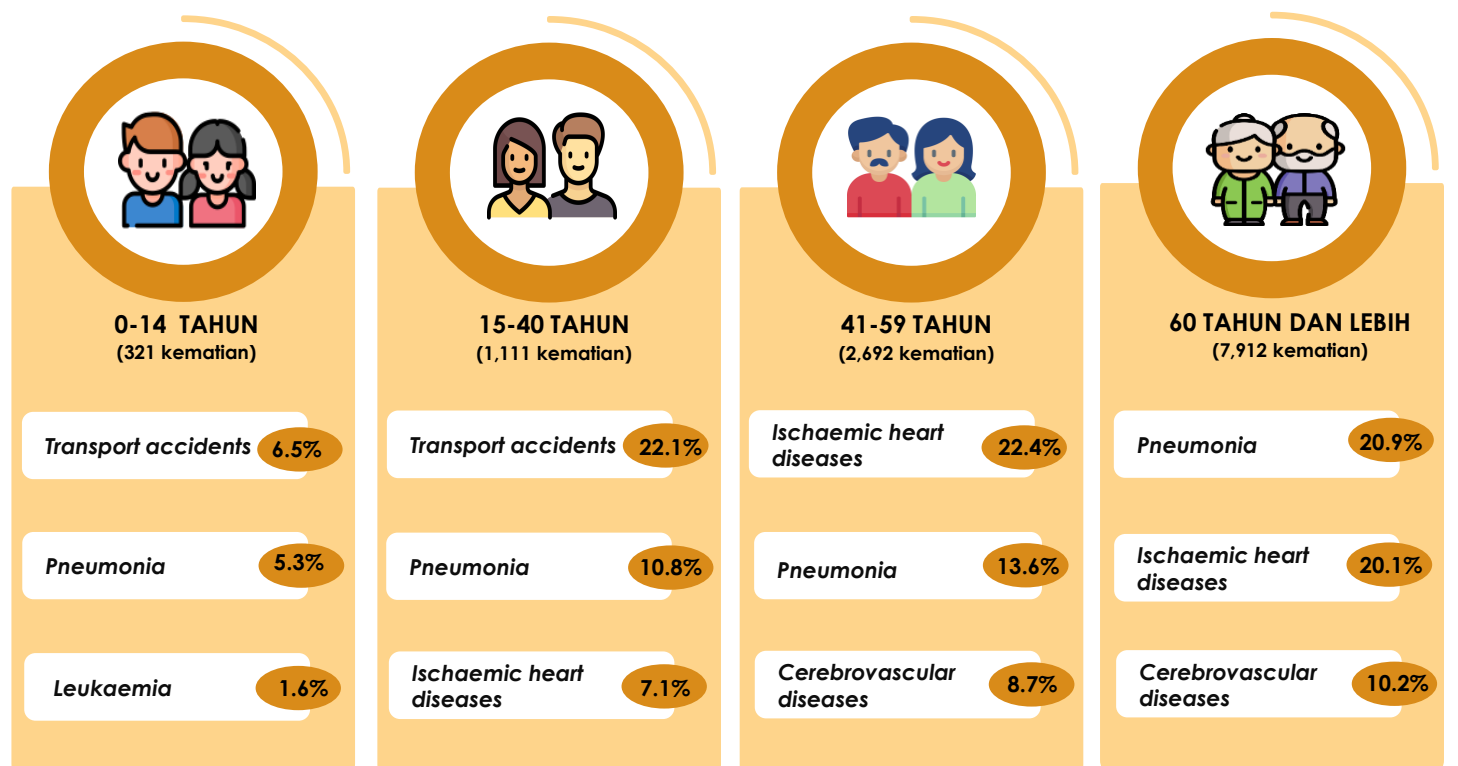
1	Ischaemic heart diseases	20.0%
2	Pneumonia	15.2%
3	Cerebrovascular diseases	7.0%
4	Transport accidents	4.7%
5	Diabetes mellitus	3.7%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, KEDAH, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, KEDAH, 2023



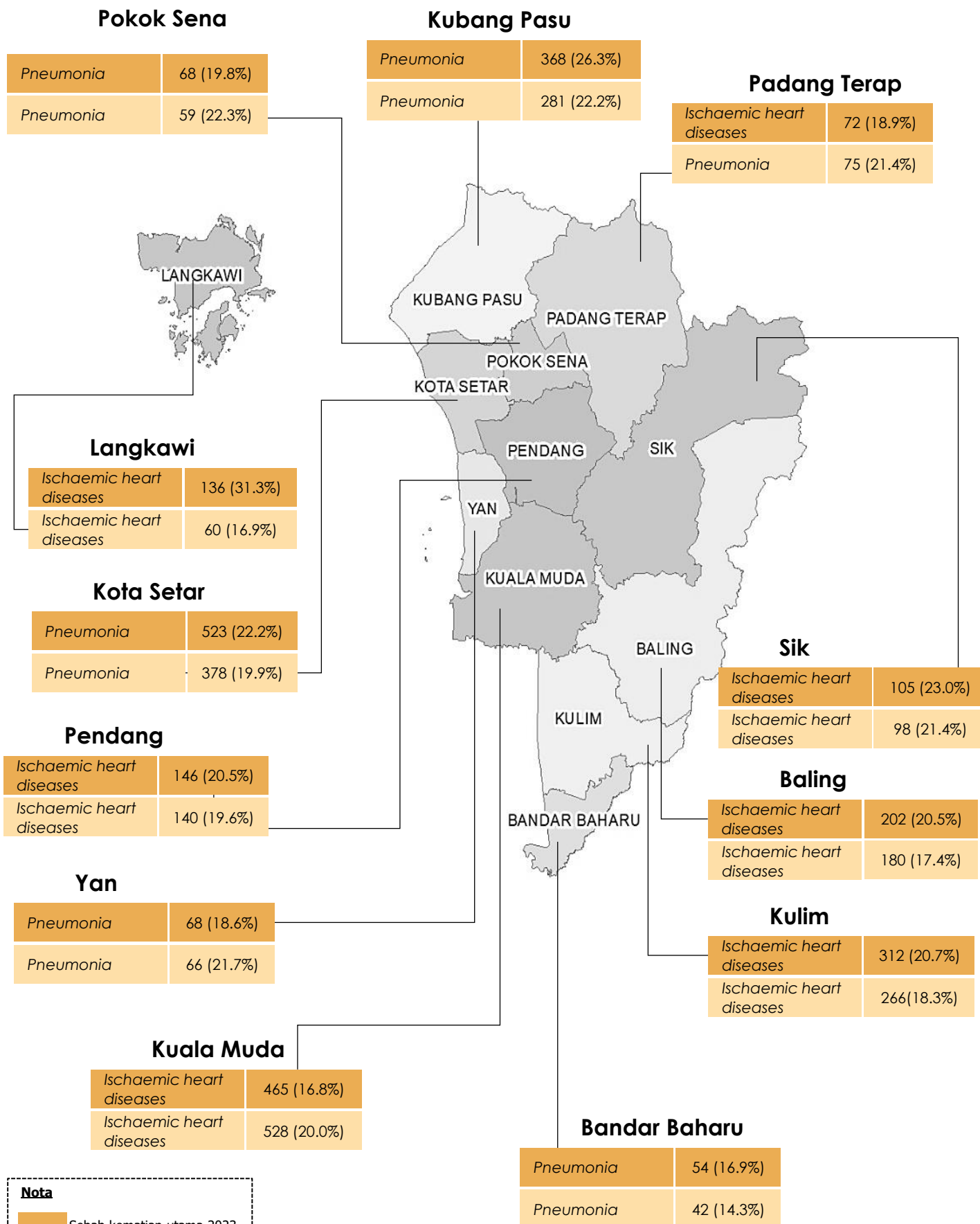
Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, KEDAH, 2023**

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Diabetes mellitus</i>
<b>Jumlah</b>	<b>2,278</b>	<b>2,157</b>	<b>1,090</b>	<b>469</b>	<b>370</b>
<b>0</b>	-	6 (0.3%)	-	3 (0.6%)	-
<b>1-4</b>	-	3 (0.1%)	-	5 (1.1%)	-
<b>5-9</b>	-	3 (0.1%)	-	2 (0.4%)	-
<b>10-14</b>	-	5 (0.2%)	1 (0.1%)	11 (2.3%)	-
<b>15-19</b>	-	4 (0.2%)	2 (0.2%)	67 (14.3%)	-
<b>20-24</b>	3 (0.1%)	6 (0.3%)	2 (0.2%)	65 (13.9%)	-
<b>25-29</b>	11 (0.5%)	17 (0.8%)	9 (0.8%)	44 (9.4%)	1 (0.3%)
<b>30-34</b>	21 (0.9%)	32 (1.5%)	8 (0.7%)	30 (6.4%)	3 (0.8%)
<b>35-39</b>	34 (1.5%)	44 (2.0%)	18 (1.7%)	37 (7.9%)	3 (0.8%)
<b>40-44</b>	86 (3.8%)	56 (2.6%)	26 (2.4%)	25 (5.3%)	9 (2.4%)
<b>45-49</b>	143 (6.3%)	71 (3.3%)	57 (5.2%)	24 (5.1%)	11 (3.0%)
<b>50-54</b>	173 (7.6%)	106 (4.9%)	66 (6.1%)	21 (4.5%)	34 (9.2%)
<b>55-59</b>	212 (9.3%)	149 (6.9%)	94 (8.6%)	21 (4.5%)	39 (10.5%)
<b>60-64</b>	266 (11.7%)	216 (10.0%)	148 (13.6%)	38 (8.1%)	45 (12.2%)
<b>65-69</b>	275 (12.1%)	275 (12.7%)	143 (13.1%)	24 (5.1%)	56 (15.1%)
<b>70-74</b>	286 (12.6%)	298 (13.8%)	165 (15.1%)	27 (5.8%)	47 (12.7%)
<b>75-79</b>	263 (11.5%)	321 (14.9%)	133 (12.2%)	14 (3.0%)	54 (14.6%)
<b>80-84</b>	215 (9.4%)	233 (10.8%)	98 (9.0%)	8 (1.7%)	35 (9.5%)
<b>85 dan lebih</b>	290 (12.7%)	312 (14.5%)	120 (11.0%)	3 (0.6%)	33 (8.9%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, KEDAH



**Nota**

Sebab kematian utama 2023

Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



BILANGAN KEMATIAN, KELANTAN, 2023



KELANTAN



6,514 (55.0%)  
kematian



11,839  
kematian



5,325 (45.0%)  
kematian

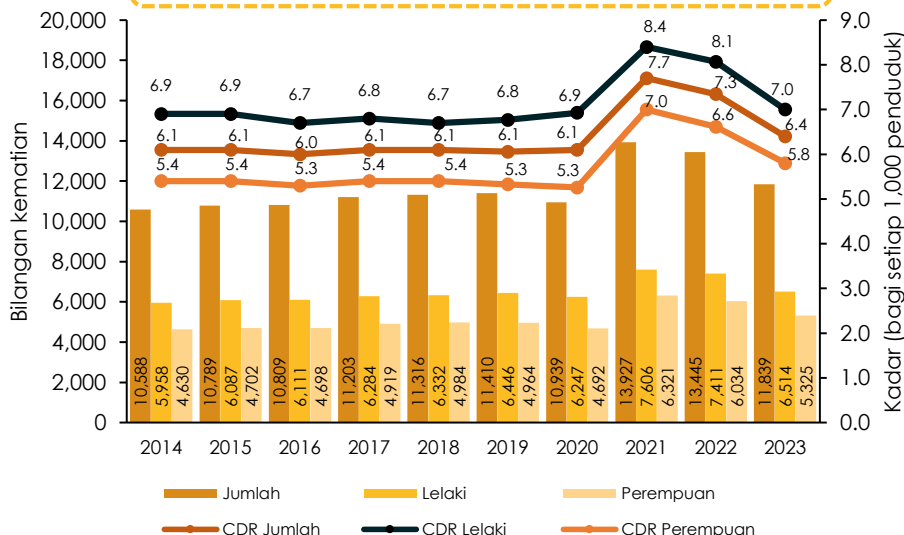
PURATA

1 kematian setiap jam

32 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),  
KELANTAN, 2014-2023

Kematian pada 2023 menurun **11.9 peratus** (1,606 kematian) berbanding 2022 (13,445 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



Ischaemic heart diseases

merupakan sebab kematian utama di Kelantan tahun 2023

18.5%



Ischaemic heart diseases

20.8%



Pneumonia

17.9%



Ectopic pregnancy

merupakan sebab kematian utama bagi ibu bersalin

27.3%

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, KELANTAN, 2023

1 Diseases of the circulatory system

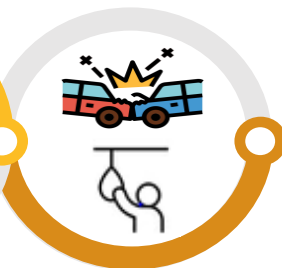
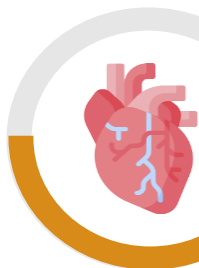
32.9%  
37.3%

3 Neoplasms

10.5%  
8.3%

5 External causes of morbidity and mortality

6.7%  
5.6%



2 Diseases of the respiratory system

20.7%  
19.0%

4 Certain infectious and parasitic diseases

10.3%  
9.4%

Nota  
2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, KELANTAN, 2023



Melayu (6,575 kematian)

1	Ischaemic heart diseases	18.7%
2	Pneumonia	16.5%
3	Cerebrovascular diseases	7.6%
4	Transport accidents	3.0%
5	Chronic lower respiratory diseases	1.8%



Bumiputera Lain (56 kematian)

1	Pneumonia	12.5%
2	Ischaemic heart diseases	8.9%
3	Cerebrovascular diseases	7.1%
4	Hypertensive diseases	3.6%
5	Respiratory tuberculosis	1.8%



Cina (255 kematian)

1	Pneumonia	19.6%
2	Ischaemic heart diseases	16.5%
3	Cerebrovascular diseases	8.2%
4	Malignant neoplasm of colon, rectum and anus	3.5%
5	Malignant neoplasm of trachea, bronchus and lung	1.6%



India (12 kematian)

1	Ischaemic heart diseases	25.0%
2	Pneumonia	25.0%
3	Cerebrovascular diseases	8.3%
4	Chronic lower respiratory diseases	8.3%

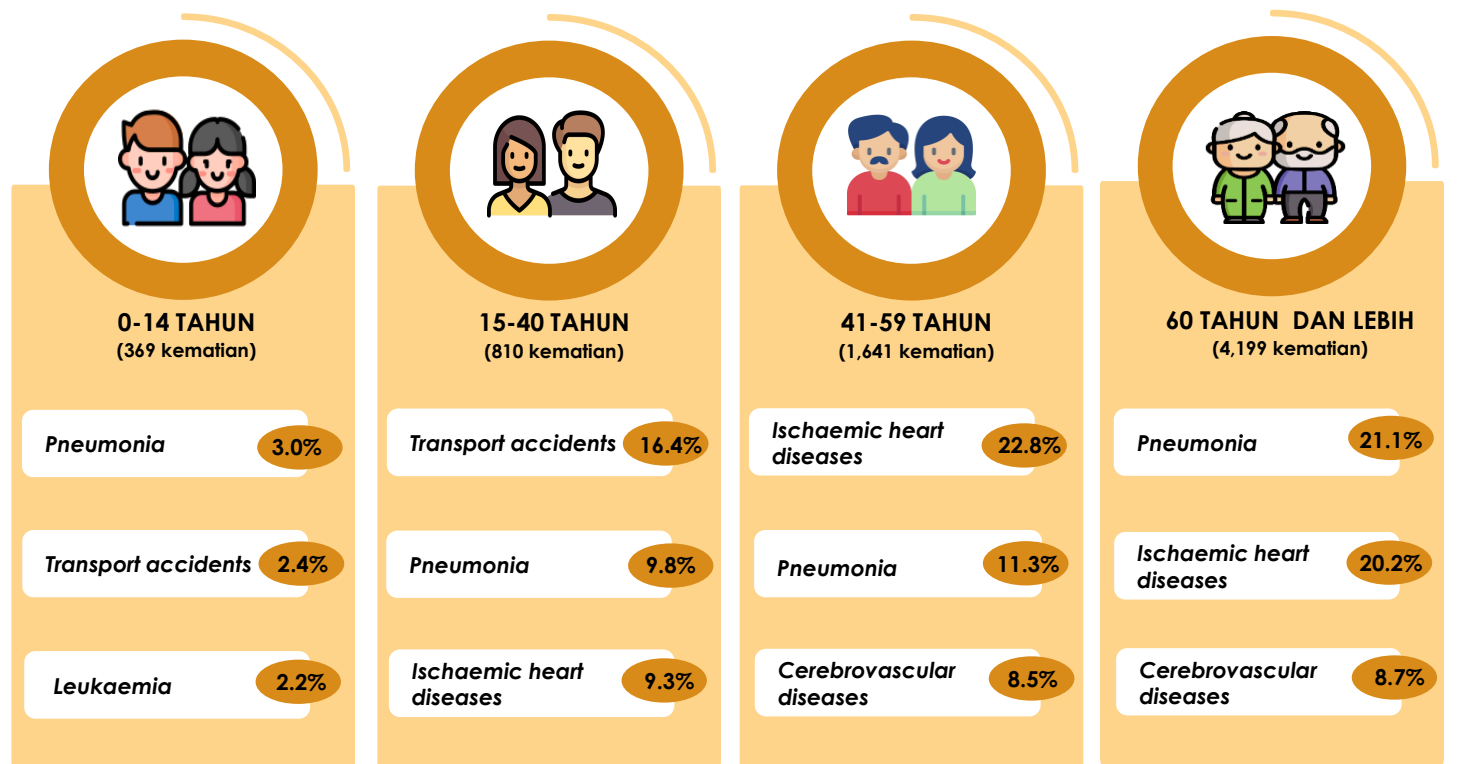
Nota: Tiada sebab kematian diklasifikasikan di kedudukan 5 kerana penyusunan sebab kematian utama yang dipaparkan tidak mengambil kira sebab kematian yang tidak diketahui dan sebab kematian yang tidak spesifik.

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, KELANTAN, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, KELANTAN, 2023



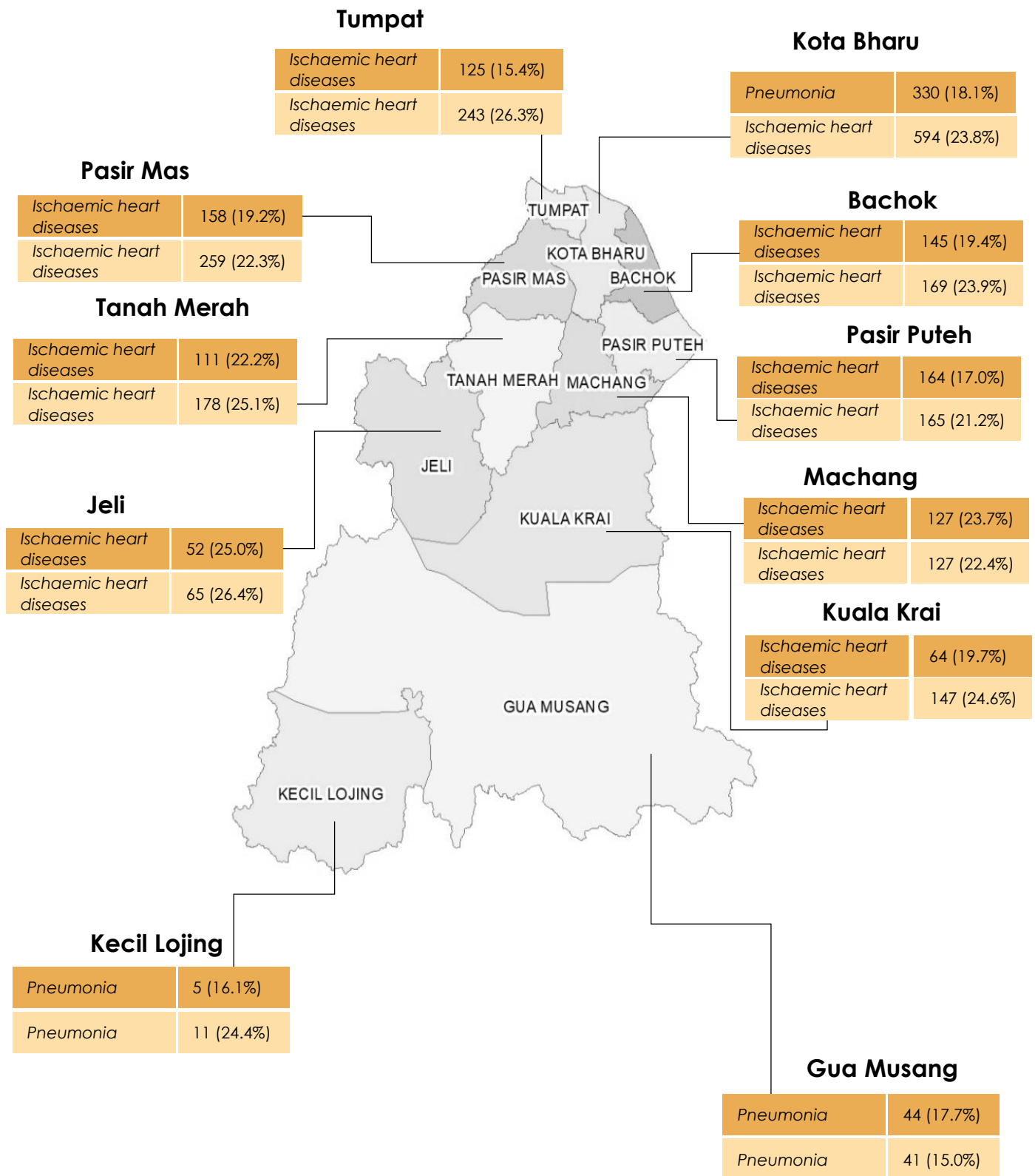
Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

### SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN MENGIKUT KUMPULAN UMUR, KELANTAN, 2023

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Chronic lower respiratory diseases</i>
<b>Jumlah</b>	<b>1,299</b>	<b>1,160</b>	<b>536</b>	<b>206</b>	<b>123</b>
<b>0</b>	-	2 (0.2%)	-	2 (1.0%)	1 (0.8%)
<b>1-4</b>	-	6 (0.5%)	-	2 (1.0%)	-
<b>5-9</b>	-	1 (0.1%)	-	1 (0.5%)	-
<b>10-14</b>	-	2 (0.2%)	-	4 (1.9%)	-
<b>15-19</b>	-	4 (0.3%)	2 (0.4%)	42 (20.4%)	1 (0.8%)
<b>20-24</b>	4 (0.3%)	13 (1.1%)	3 (0.6%)	41 (19.9%)	-
<b>25-29</b>	6 (0.5%)	11 (0.9%)	3 (0.6%)	20 (9.7%)	1 (0.8%)
<b>30-34</b>	15 (1.2%)	18 (1.6%)	7 (1.3%)	15 (7.3%)	1 (0.8%)
<b>35-39</b>	36 (2.8%)	25 (2.2%)	13 (2.4%)	13 (6.3%)	-
<b>40-44</b>	59 (4.5%)	24 (2.1%)	21 (3.9%)	13 (6.3%)	2 (1.6%)
<b>45-49</b>	72 (5.5%)	40 (3.4%)	26 (4.9%)	7 (3.4%)	4 (3.3%)
<b>50-54</b>	106 (8.2%)	51 (4.4%)	45 (8.4%)	12 (5.8%)	4 (3.3%)
<b>55-59</b>	151 (11.6%)	79 (6.8%)	49 (9.1%)	7 (3.4%)	3 (2.4%)
<b>60-64</b>	161 (12.4%)	102 (8.8%)	43 (8.0%)	5 (2.4%)	12 (9.8%)
<b>65-69</b>	177 (13.6%)	145 (12.5%)	57 (10.6%)	8 (3.9%)	9 (7.3%)
<b>70-74</b>	207 (15.9%)	200 (17.2%)	68 (12.7%)	9 (4.4%)	24 (19.5%)
<b>75-79</b>	144 (11.1%)	191 (16.5%)	77 (14.4%)	3 (1.5%)	27 (22.0%)
<b>80-84</b>	84 (6.5%)	128 (11.0%)	66 (12.3%)	2 (1.0%)	21 (17.1%)
<b>85 dan lebih</b>	77 (5.9%)	118 (10.2%)	56 (10.4%)	-	13 (10.6%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, KELANTAN



**Nota**

Sebab kematian utama 2023

Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

BILANGAN KEMATIAN, MELAKA, 2023



MELAKA



3,456 (55.8%)  
kematian



6,190  
kematian



2,734 (44.2%)  
kematian

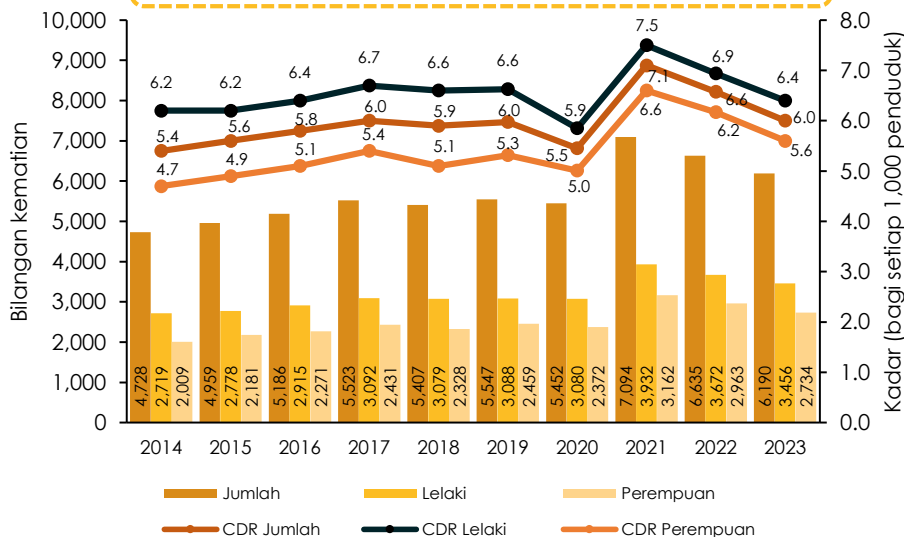
PURATA

1 kematian setiap jam

17 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), MELAKA, 2014-2023

Kematian pada 2023 menurun **6.7 peratus** (445 kematian) berbanding 2022 (6,635 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



Ischaemic heart diseases

merupakan sebab kematian utama di Melaka tahun 2023

17.7%



Ischaemic heart diseases

20.1%



Ischaemic heart diseases

14.1%



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

25.0%

merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, MELAKA, 2023

1 Diseases of the circulatory system

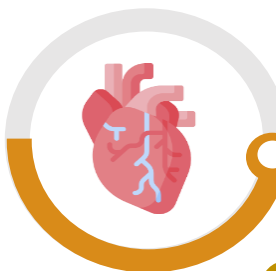
30.3%  
31.9%

3 Neoplasms

14.8%  
12.8%

5 Certain infectious and parasitic diseases

6.0%  
6.1%



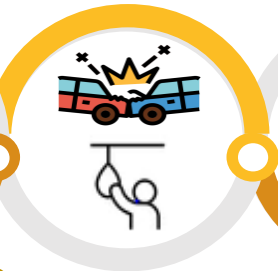
2 Diseases of the respiratory system

17.2%  
14.6%



4 External causes of morbidity and mortality

7.8%  
7.4%



Nota

2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, MELAKA, 2023



Melayu (2,221 kematian)

1	Ischaemic heart diseases	17.4%
2	Pneumonia	11.7%
3	Cerebrovascular diseases	7.1%
4	Transport accidents	4.8%
5	Chronic lower respiratory diseases	2.5%



Bumiputera Lain (23 kematian)

1	Ischaemic heart diseases	13.0%
2	Pneumonia	13.0%
3	Transport accidents	8.7%
4	Malignant neoplasm of pancreas	4.3%
5	Malignant neoplasm of trachea, bronchus and lung	4.3%



Cina (934 kematian)

1	Ischaemic heart diseases	17.8%
2	Pneumonia	12.1%
3	Cerebrovascular diseases	7.0%
4	Malignant neoplasm of trachea, bronchus and lung	3.3%
5	Transport accidents	2.2%



India (280 kematian)

1	Ischaemic heart diseases	20.4%
2	Pneumonia	9.3%
3	Transport accidents	5.0%
4	Cerebrovascular diseases	4.6%
5	Diseases of the liver	3.2%

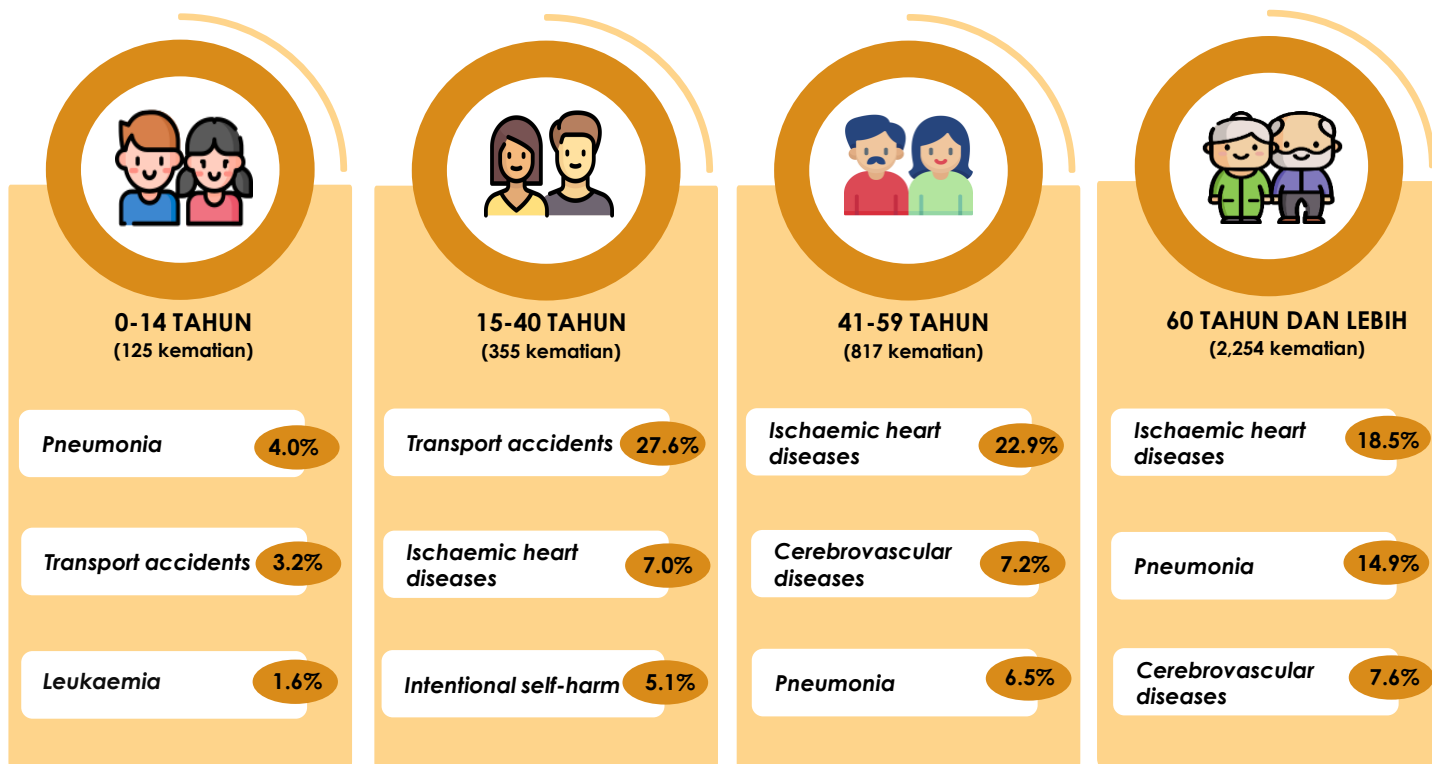
Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, MELAKA, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, MELAKA, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, MELAKA, 2023**

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Malignant neoplasm of trachea, bronchus and lung</i>
<b>Jumlah</b>	<b>628</b>	<b>409</b>	<b>244</b>	<b>143</b>	<b>80</b>
<b>0</b>	-	3 (0.7%)	-	1 (0.7%)	-
<b>1-4</b>	-	1 (0.2%)	-	-	-
<b>5-9</b>	-	-	-	1 (0.7%)	-
<b>10-14</b>	-	1 (0.2%)	-	2 (1.4%)	-
<b>15-19</b>	-	-	-	29 (20.3%)	-
<b>20-24</b>	-	2 (0.5%)	1 (0.4%)	25 (17.5%)	-
<b>25-29</b>	2 (0.3%)	3 (0.7%)	1 (0.4%)	15 (10.5%)	1 (1.3%)
<b>30-34</b>	7 (1.1%)	1 (0.2%)	5 (2.0%)	11 (7.7%)	1 (1.3%)
<b>35-39</b>	12 (1.9%)	6 (1.5%)	4 (1.6%)	14 (9.8%)	-
<b>40-44</b>	17 (2.7%)	13 (3.2%)	8 (3.3%)	10 (7.0%)	2 (2.5%)
<b>45-49</b>	44 (7.0%)	8 (2.0%)	14 (5.7%)	7 (4.9%)	7 (8.8%)
<b>50-54</b>	53 (8.4%)	12 (2.9%)	20 (8.2%)	2 (1.4%)	3 (3.8%)
<b>55-59</b>	77 (12.3%)	23 (5.6%)	19 (7.8%)	8 (5.6%)	10 (12.5%)
<b>60-64</b>	85 (13.5%)	38 (9.3%)	26 (10.7%)	7 (4.9%)	14 (17.5%)
<b>65-69</b>	92 (14.6%)	60 (14.7%)	32 (13.1%)	5 (3.5%)	17 (21.3%)
<b>70-74</b>	87 (13.9%)	60 (14.7%)	28 (11.5%)	3 (2.1%)	13 (16.3%)
<b>75-79</b>	60 (9.6%)	64 (15.6%)	29 (11.9%)	1 (0.7%)	5 (6.3%)
<b>80-84</b>	46 (7.3%)	46 (11.2%)	31 (12.7%)	-	6 (7.5%)
<b>85 dan lebih</b>	46 (7.3%)	68 (16.6%)	26 (10.7%)	2 (1.4%)	1 (1.3%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

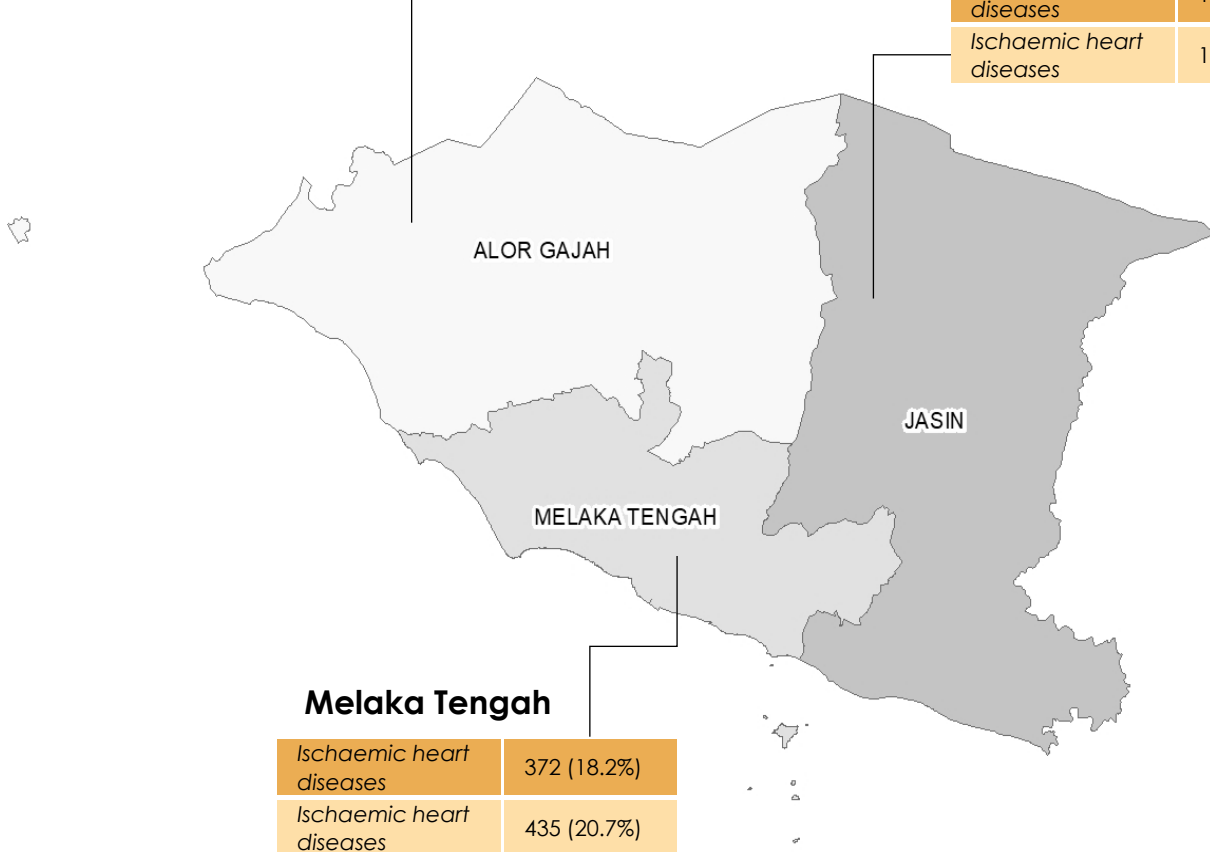
SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, MELAKA

**Alor Gajah**

Ischaemic heart diseases	145 (16.6%)
Ischaemic heart diseases	177 (18.4%)

**Jasin**

Ischaemic heart diseases	111 (17.7%)
Ischaemic heart diseases	160 (20.3%)



**Melaka Tengah**

Ischaemic heart diseases	372 (18.2%)
Ischaemic heart diseases	435 (20.7%)

**Nota**

<span style="background-color: #e67e22; width: 15px; height: 10px; display: inline-block;"></span>	Sebab kematian utama 2023
<span style="background-color: #f1c40f; width: 15px; height: 10px; display: inline-block;"></span>	Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

BILANGAN KEMATIAN, NEGERI SEMBILAN, 2023



NEGERI SEMBILAN



4,724 (57.4%)  
kematian



8,232  
kematian



3,508 (42.6%)  
kematian

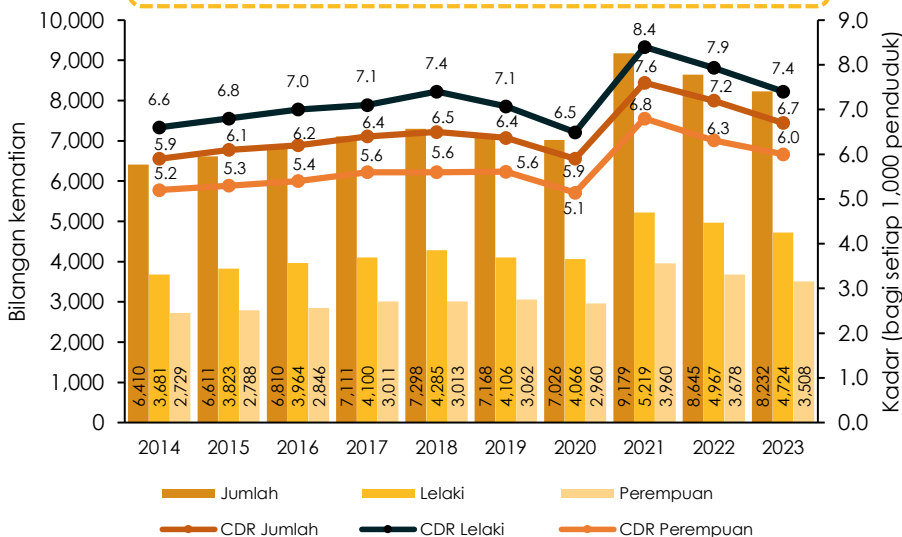
PURATA

1 kematian setiap jam

23 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), NEGERI SEMBILAN, 2014-2023

Kematian pada 2023 menurun **4.8 peratus** (413 kematian) berbanding 2022 (8,645 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



Ischaemic heart diseases

merupakan sebab kematian utama di Negeri Sembilan

14.6% tahun 2023



Ischaemic heart diseases

16.8%



Pneumonia

14.1%



Obstetric embolism

merupakan sebab kematian utama bagi ibu bersalin

33.3%

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, NEGERI SEMBILAN, 2023

1 Diseases of the circulatory system

28.7%  
32.5%

3 Neoplasms

13.9%  
13.5%

5 Certain infectious and parasitic diseases

6.9%  
5.9%

2 Diseases of the respiratory system

18.7%  
16.8%

4 External causes of morbidity and mortality

9.0%  
6.8%

Nota

2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, NEGERI SEMBILAN, 2023



Melayu (3,005 kematian)

1	Ischaemic heart diseases	13.7%
2	Pneumonia	12.7%
3	Cerebrovascular diseases	8.0%
4	Transport accidents	5.5%
5	Chronic lower respiratory diseases	2.4%



Bumiputera Lain (76 kematian)

1	Pneumonia	13.2%
2	Ischaemic heart diseases	10.5%
3	Cerebrovascular diseases	10.5%
4	Transport accidents	6.6%
5	Malignant neoplasm of lip, oral cavity and pharynx	2.6%



Cina (1,183 kematian)

1	Pneumonia	13.9%
2	Ischaemic heart diseases	13.2%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	3.9%
5	Transport accidents	2.9%

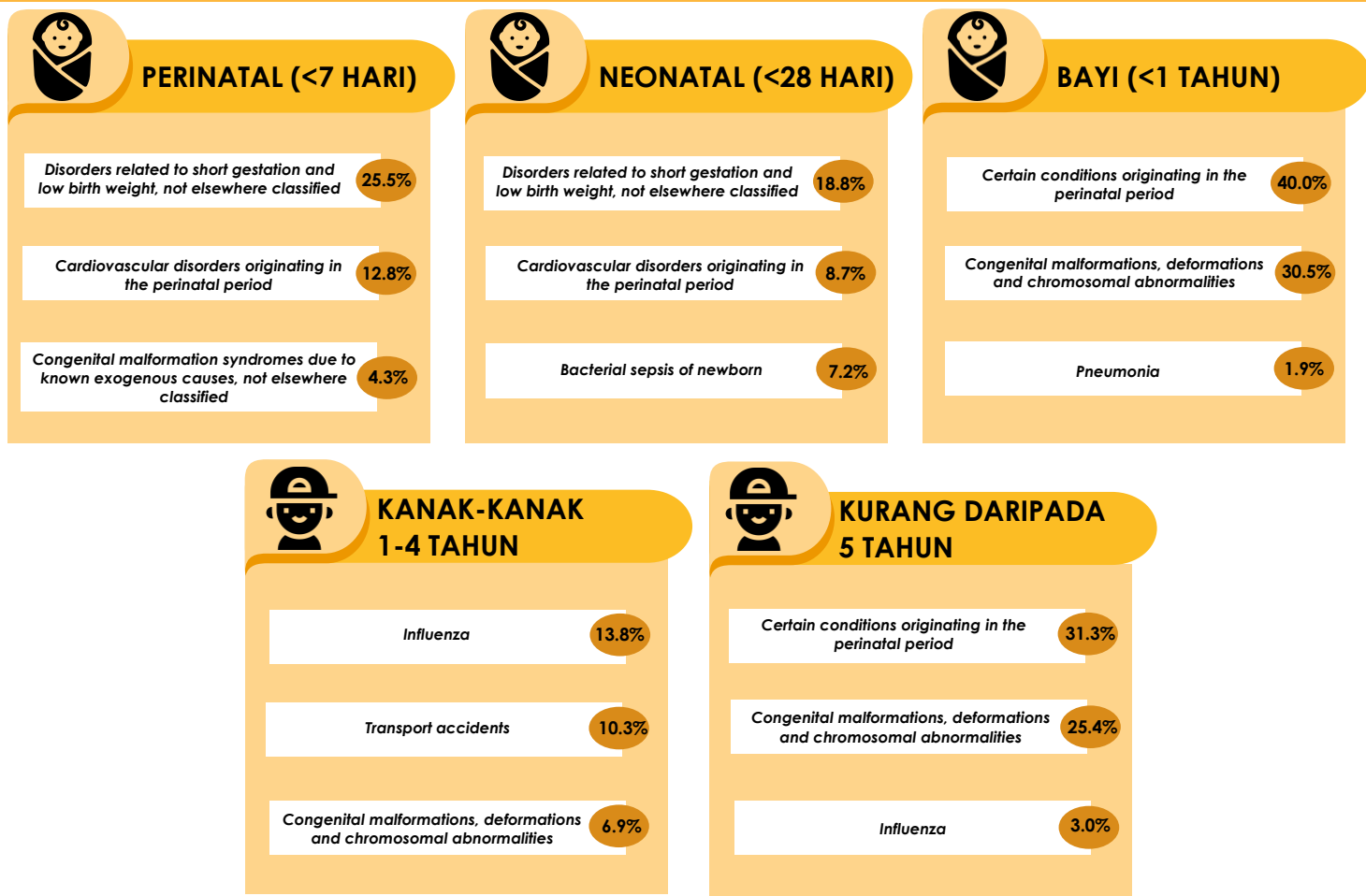


India (910 kematian)

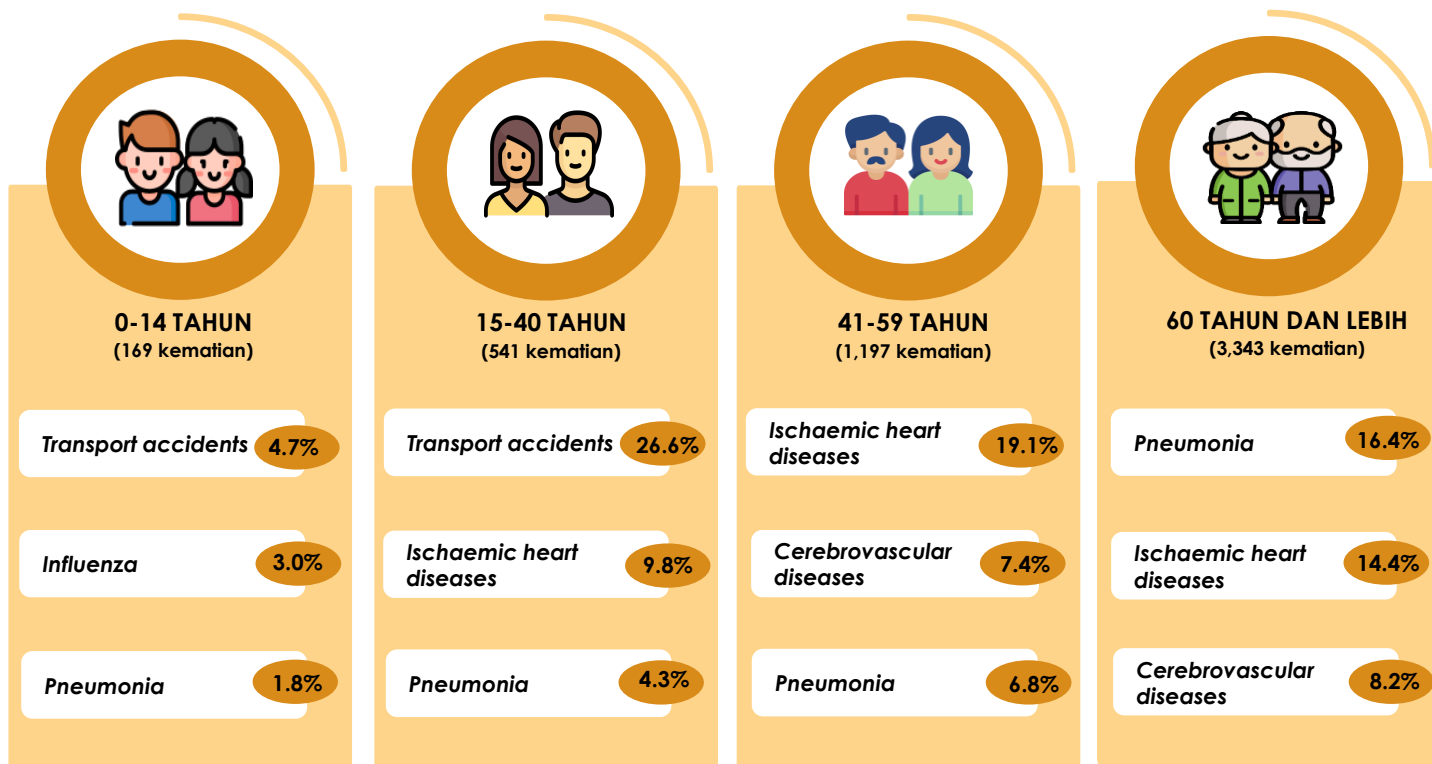
1	Ischaemic heart diseases	19.5%
2	Pneumonia	10.1%
3	Cerebrovascular diseases	5.3%
4	Transport accidents	5.1%
5	Diseases of the liver	4.6%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, NEGERI SEMBILAN, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, NEGERI SEMBILAN, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

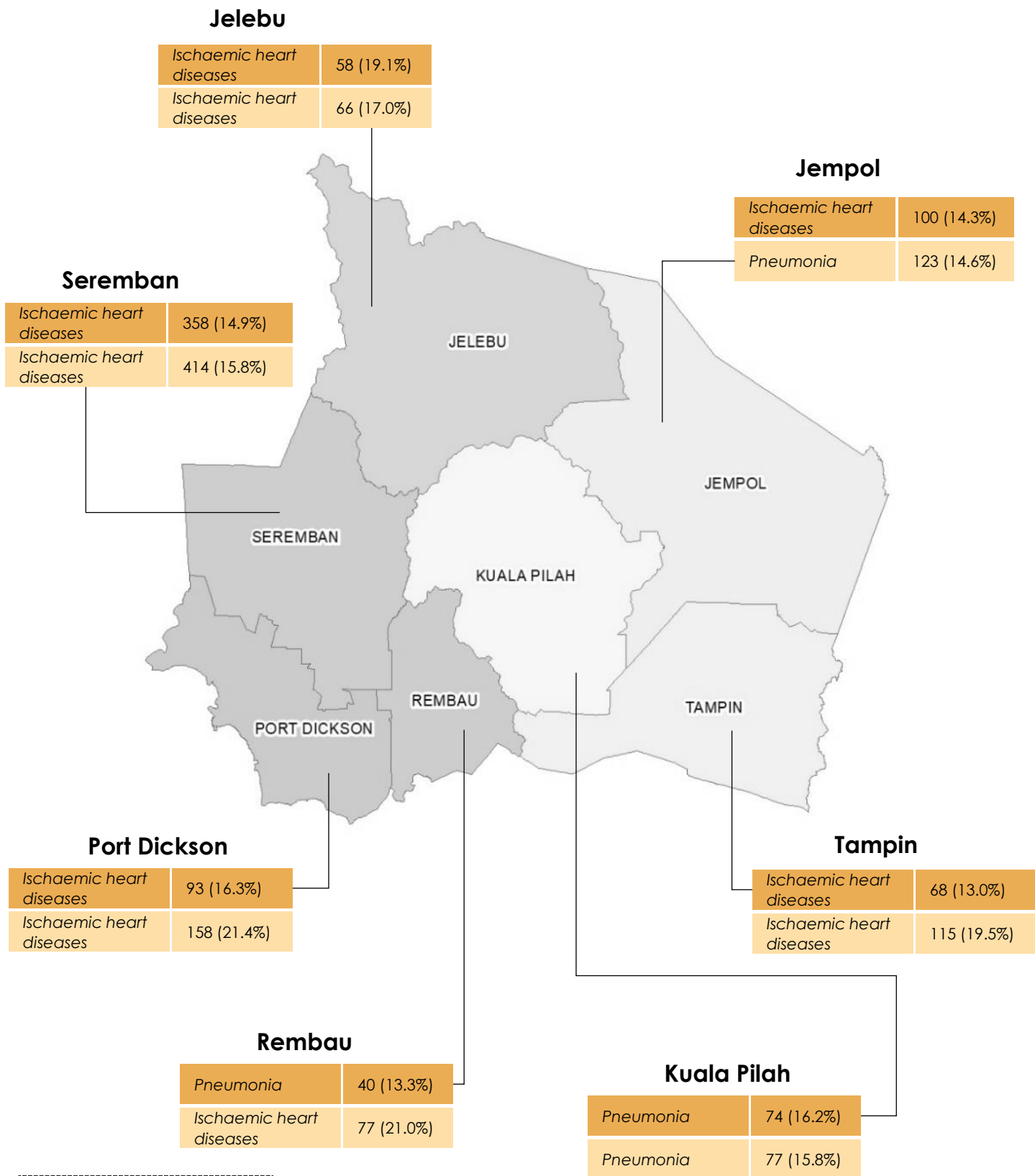
**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, NEGERI SEMBILAN, 2023**

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Chronic lower respiratory diseases</i>
<b>Jumlah</b>	<b>765</b>	<b>655</b>	<b>378</b>	<b>249</b>	<b>118</b>
<b>0</b>	-	2 (0.3%)	-	-	-
<b>1-4</b>	-	1 (0.2%)	-	3 (1.2%)	-
<b>5-9</b>	-	-	-	1 (0.4%)	-
<b>10-14</b>	-	-	1 (0.3%)	4 (1.6%)	-
<b>15-19</b>	-	-	1 (0.3%)	41 (16.5%)	-
<b>20-24</b>	1 (0.1%)	2 (0.3%)	1 (0.3%)	30 (12.0%)	-
<b>25-29</b>	7 (0.9%)	1 (0.2%)	2 (0.5%)	21 (8.4%)	1 (0.8%)
<b>30-34</b>	10 (1.3%)	9 (1.4%)	2 (0.5%)	28 (11.2%)	-
<b>35-39</b>	26 (3.4%)	10 (1.5%)	5 (1.3%)	21 (8.4%)	1 (0.8%)
<b>40-44</b>	47 (6.1%)	12 (1.8%)	17 (4.5%)	23 (9.2%)	3 (2.5%)
<b>45-49</b>	58 (7.6%)	20 (3.1%)	13 (3.4%)	22 (8.8%)	1 (0.8%)
<b>50-54</b>	64 (8.4%)	26 (4.0%)	32 (8.5%)	6 (2.4%)	2 (1.7%)
<b>55-59</b>	69 (9.0%)	24 (3.7%)	30 (7.9%)	13 (5.2%)	7 (5.9%)
<b>60-64</b>	93 (12.2%)	49 (7.5%)	47 (12.4%)	11 (4.4%)	11 (9.3%)
<b>65-69</b>	90 (11.8%)	78 (11.9%)	52 (13.8%)	10 (4.0%)	9 (7.6%)
<b>70-74</b>	107 (14.0%)	99 (15.1%)	42 (11.1%)	7 (2.8%)	27 (22.9%)
<b>75-79</b>	74 (9.7%)	99 (15.1%)	43 (11.4%)	3 (1.2%)	17 (14.4%)
<b>80-84</b>	62 (8.1%)	95 (14.5%)	42 (11.1%)	3 (1.2%)	20 (16.9%)
<b>85 dan lebih</b>	57 (7.5%)	128 (19.5%)	48 (12.7%)	2 (0.8%)	19 (16.1%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan



SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, NEGERI SEMBILAN



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

BILANGAN KEMATIAN, PAHANG, 2023



PAHANG



6,082 (57.9%)  
kematian



10,508  
kematian



4,426 (42.1%)  
kematian

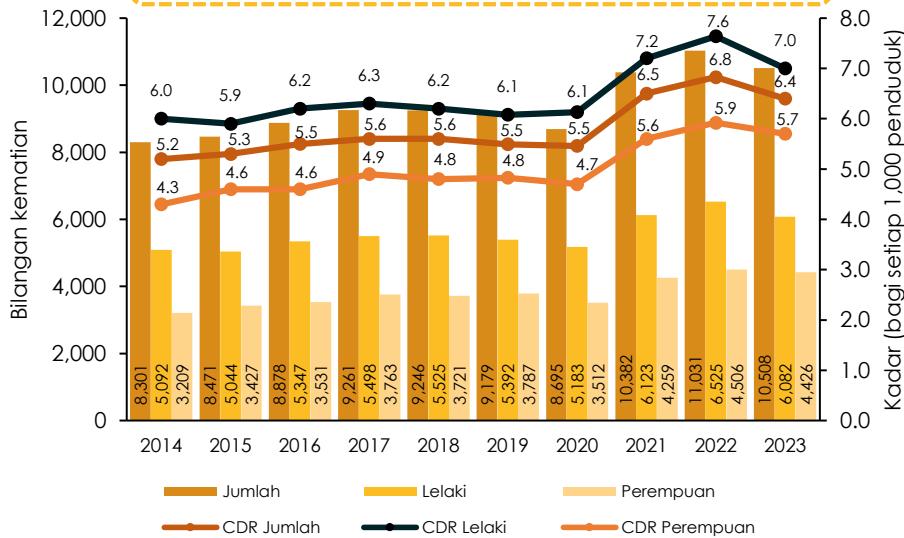
PURATA

1 kematian setiap jam

29 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), PAHANG, 2014-2023

Kematian pada 2023 menurun **4.7 peratus** (523 kematian) berbanding 2022 (11,031 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



Pneumonia

merupakan sebab kematian utama di Pahang tahun 2023

16.3%



Ischaemic heart diseases

16.8%



Pneumonia

16.9%



Obstetric embolism

50.0%

merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, PAHANG, 2023

1 Diseases of the circulatory system

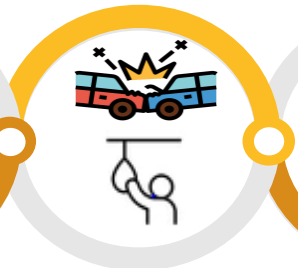
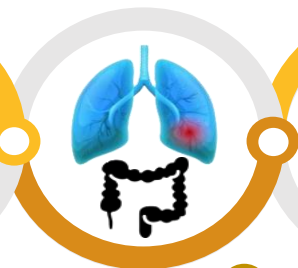
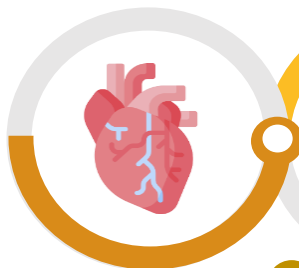
28.1%  
30.8%

3 Neoplasms

11.1%  
9.9%

5 Certain infectious and parasitic diseases

8.4%  
8.2%



2 Diseases of the respiratory system

21.8%  
20.3%

4 External causes of morbidity and mortality

9.0%  
7.5%

Nota

2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, PAHANG, 2023



Melayu (4,465 kematian)

1	Pneumonia	16.4%
2	Ischaemic heart diseases	14.0%
3	Cerebrovascular diseases	7.6%
4	Transport accidents	5.4%
5	Diabetes mellitus	2.0%



Bumiputera Lain (295 kematian)

1	Pneumonia	13.9%
2	Ischaemic heart diseases	10.8%
3	Cerebrovascular diseases	8.1%
4	Transport accidents	4.4%
5	Diseases of the liver	2.7%



Cina (961 kematian)

1	Pneumonia	16.6%
2	Ischaemic heart diseases	16.4%
3	Cerebrovascular diseases	7.3%
4	Malignant neoplasm of trachea, bronchus and lung	3.1%
5	Malignant neoplasm of colon, rectum and anus	2.5%



India (271 kematian)

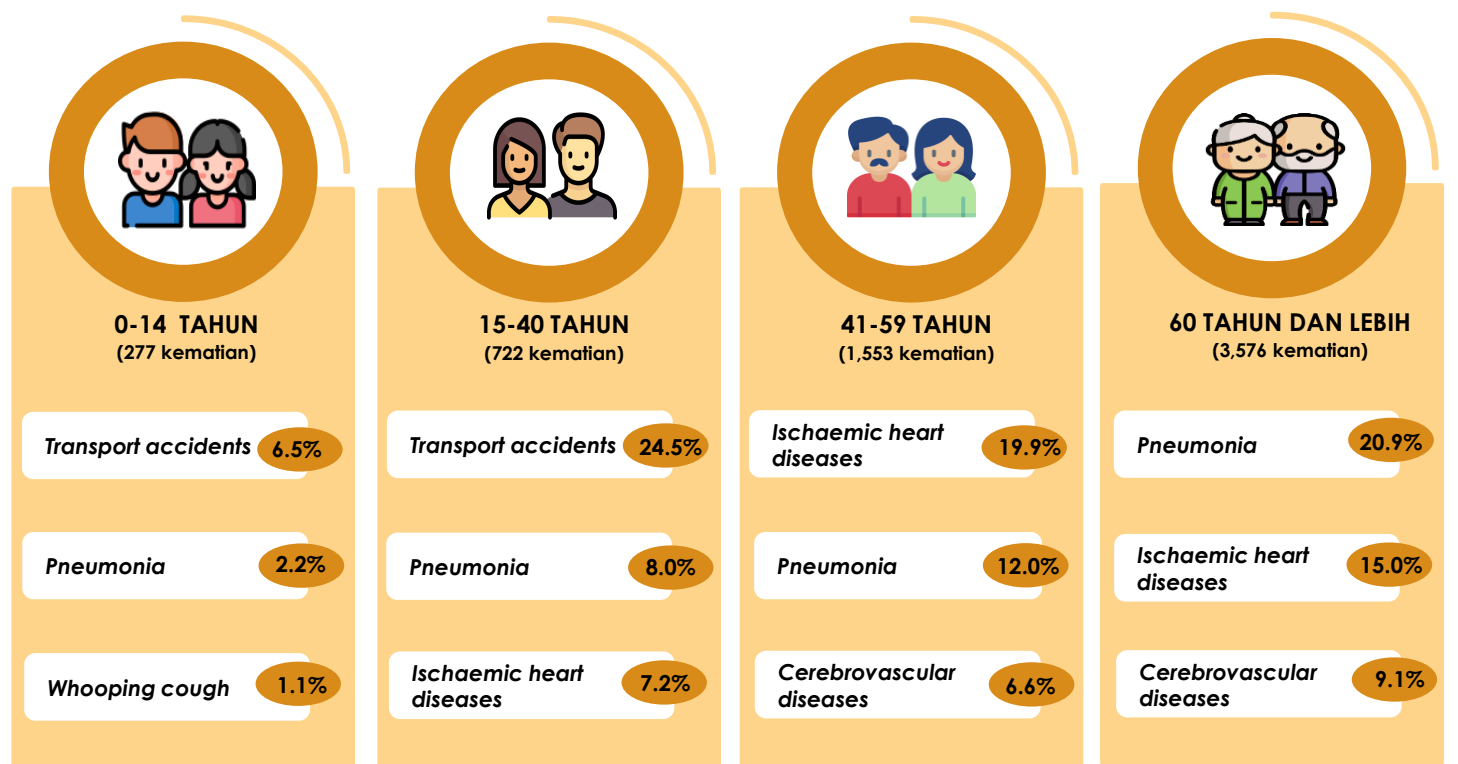
1	Ischaemic heart diseases	22.5%
2	Pneumonia	16.2%
3	Transport accidents	6.3%
4	Cerebrovascular diseases	3.3%
5	Diseases of the liver	2.6%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, PAHANG, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, PAHANG, 2023



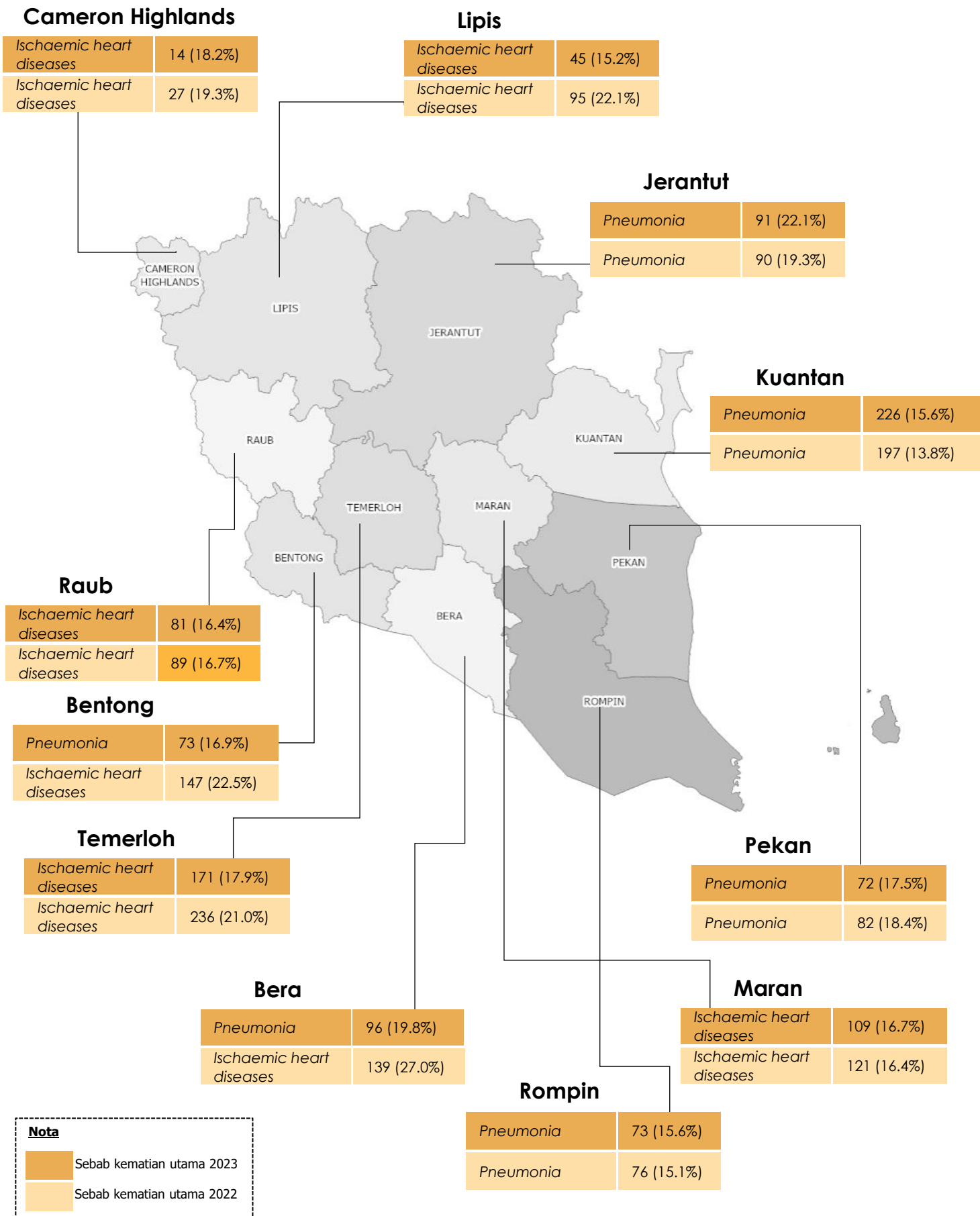
Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, PAHANG, 2023**

Kumpulan umur	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Chronic lower respiratory diseases</i>
<b>Jumlah</b>	<b>999</b>	<b>896</b>	<b>444</b>	<b>300</b>	<b>114</b>
<b>0</b>	5 (0.5%)	-	-	-	-
<b>1-4</b>	1 (0.1%)	-	-	5 (1.7%)	-
<b>5-9</b>	-	-	-	1 (0.3%)	-
<b>10-14</b>	-	-	-	12 (4.0%)	-
<b>15-19</b>	3 (0.3%)	-	-	44 (14.7%)	-
<b>20-24</b>	4 (0.4%)	1 (0.1%)	-	48 (16.0%)	1 (0.9%)
<b>25-29</b>	6 (0.6%)	5 (0.6%)	1 (0.2%)	29 (9.7%)	1 (0.9%)
<b>30-34</b>	15 (1.5%)	15 (1.7%)	5 (1.1%)	26 (8.7%)	3 (2.6%)
<b>35-39</b>	24 (2.4%)	21 (2.3%)	6 (1.4%)	27 (9.0%)	1 (0.9%)
<b>40-44</b>	37 (3.7%)	55 (6.1%)	19 (4.3%)	17 (5.7%)	6 (5.3%)
<b>45-49</b>	45 (4.5%)	76 (8.5%)	16 (3.6%)	13 (4.3%)	2 (1.8%)
<b>50-54</b>	34 (3.4%)	91 (10.2%)	27 (6.1%)	18 (6.0%)	3 (2.6%)
<b>55-59</b>	77 (7.7%)	97 (10.8%)	43 (9.7%)	16 (5.3%)	10 (8.8%)
<b>60-64</b>	86 (8.6%)	95 (10.6%)	53 (11.9%)	12 (4.0%)	7 (6.1%)
<b>65-69</b>	139 (13.9%)	119 (13.3%)	61 (13.7%)	9 (3.0%)	21 (18.4%)
<b>70-74</b>	165 (16.5%)	122 (13.6%)	86 (19.4%)	8 (2.7%)	22 (19.3%)
<b>75-79</b>	153 (15.3%)	80 (8.9%)	51 (11.5%)	7 (2.3%)	16 (14.0%)
<b>80-84</b>	109 (10.9%)	56 (6.3%)	34 (7.7%)	4 (1.3%)	13 (11.4%)
<b>85 dan lebih</b>	96 (9.6%)	63 (7.0%)	42 (9.5%)	4 (1.3%)	8 (7.0%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, PAHANG



**Nota**  
 Sebab kematian utama 2023  
 Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



BILANGAN KEMATIAN, PERAK, 2023



PERAK



11,735 (56.3%)  
kematian



20,839  
kematian



9,104 (43.7%)  
kematian

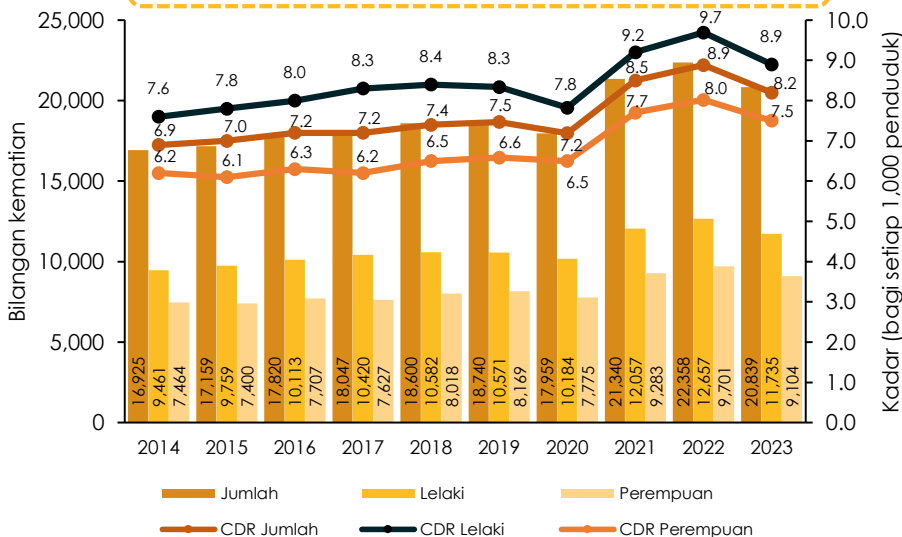
PURATA

2 kematian setiap jam

57 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), PERAK, 2014-2023

Kematian pada 2023 menurun **6.8 peratus** (1,519 kematian) berbanding 2022 (22,358 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



**Ischaemic heart diseases** merupakan sebab kematian utama di Perak tahun 2023

15.7%



Ischaemic heart diseases

18.4%



Pneumonia

17.8%



Obstetric embolism

50.0%

merupakan sebab kematian utama bagi ibu bersalin

Kadar (bagi setiap 1,000 penduduk)

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, PERAK, 2023

1 Diseases of the circulatory system

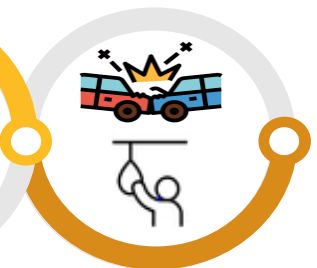
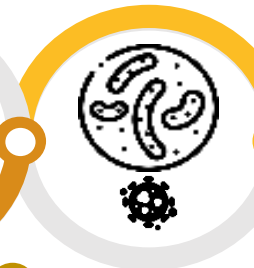
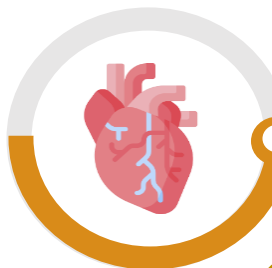
29.5%  
27.5%

3 Neoplasms

12.8%  
10.8%

5 External causes of morbidity and mortality

7.7%  
7.8%



2 Diseases of the respiratory system

21.4%  
19.8%

4 Certain infectious and parasitic diseases

8.0%  
7.8%

Nota

2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, PERAK, 2023



Melayu (6,687 kematian)

1	Ischaemic heart diseases	15.9%
2	Pneumonia	15.5%
3	Cerebrovascular diseases	8.7%
4	Transport accidents	3.9%
5	Diabetes mellitus	2.0%



Bumiputera Lain (267 kematian)

1	Ischaemic heart diseases	10.9%
2	Pneumonia	10.1%
3	Cerebrovascular diseases	9.0%
4	Transport accidents	4.1%
5	Malignant neoplasm of lip, oral cavity and pharynx	1.9%



Cina (3,867 kematian)

1	Pneumonia	17.0%
2	Ischaemic heart diseases	13.9%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of colon, rectum and anus	2.8%
5	Malignant neoplasm of trachea, bronchus and lung	2.6%



India (1,790 kematian)

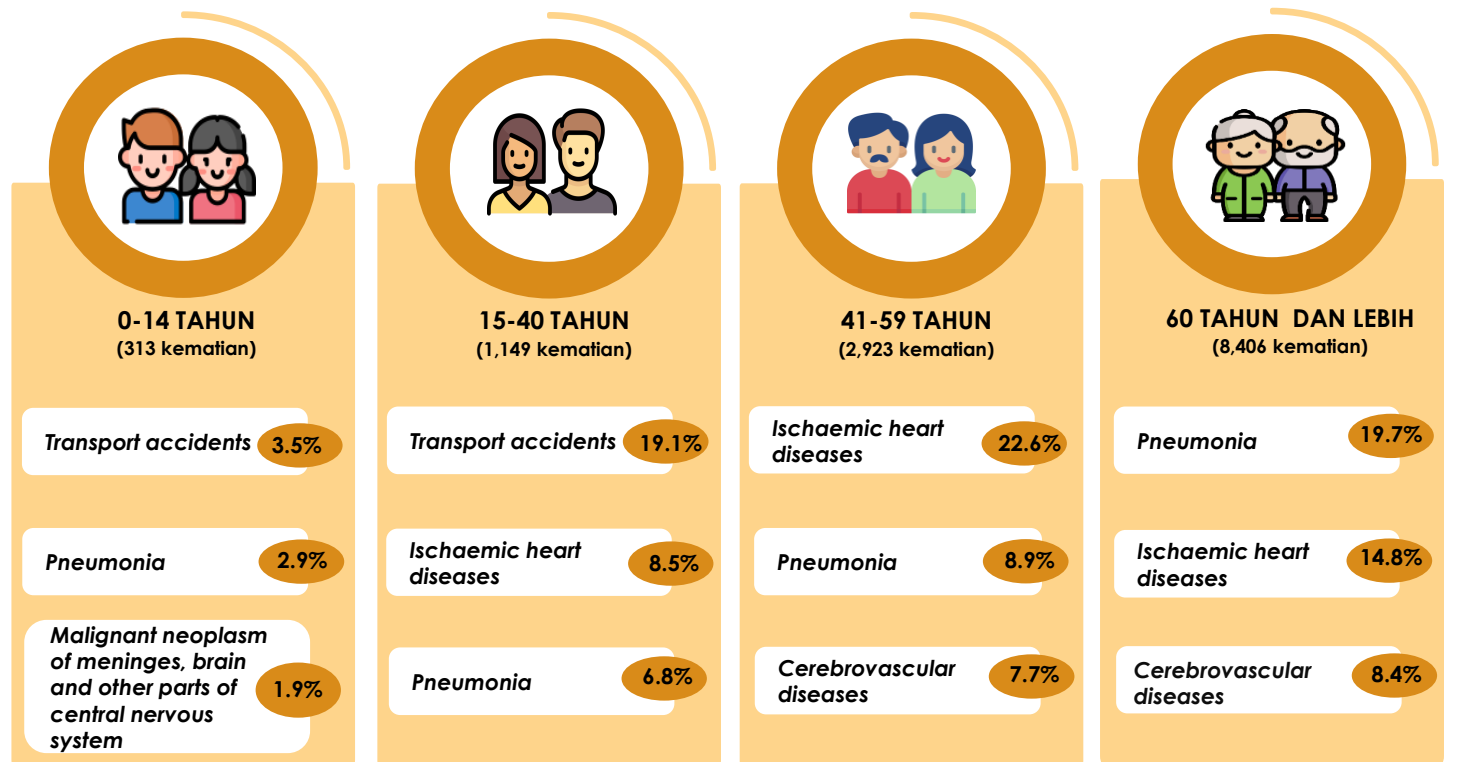
1	Ischaemic heart diseases	19.3%
2	Pneumonia	13.9%
3	Cerebrovascular diseases	5.9%
4	Transport accidents	3.7%
5	Diseases of the liver	3.2%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, PERAK, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, PERAK, 2023



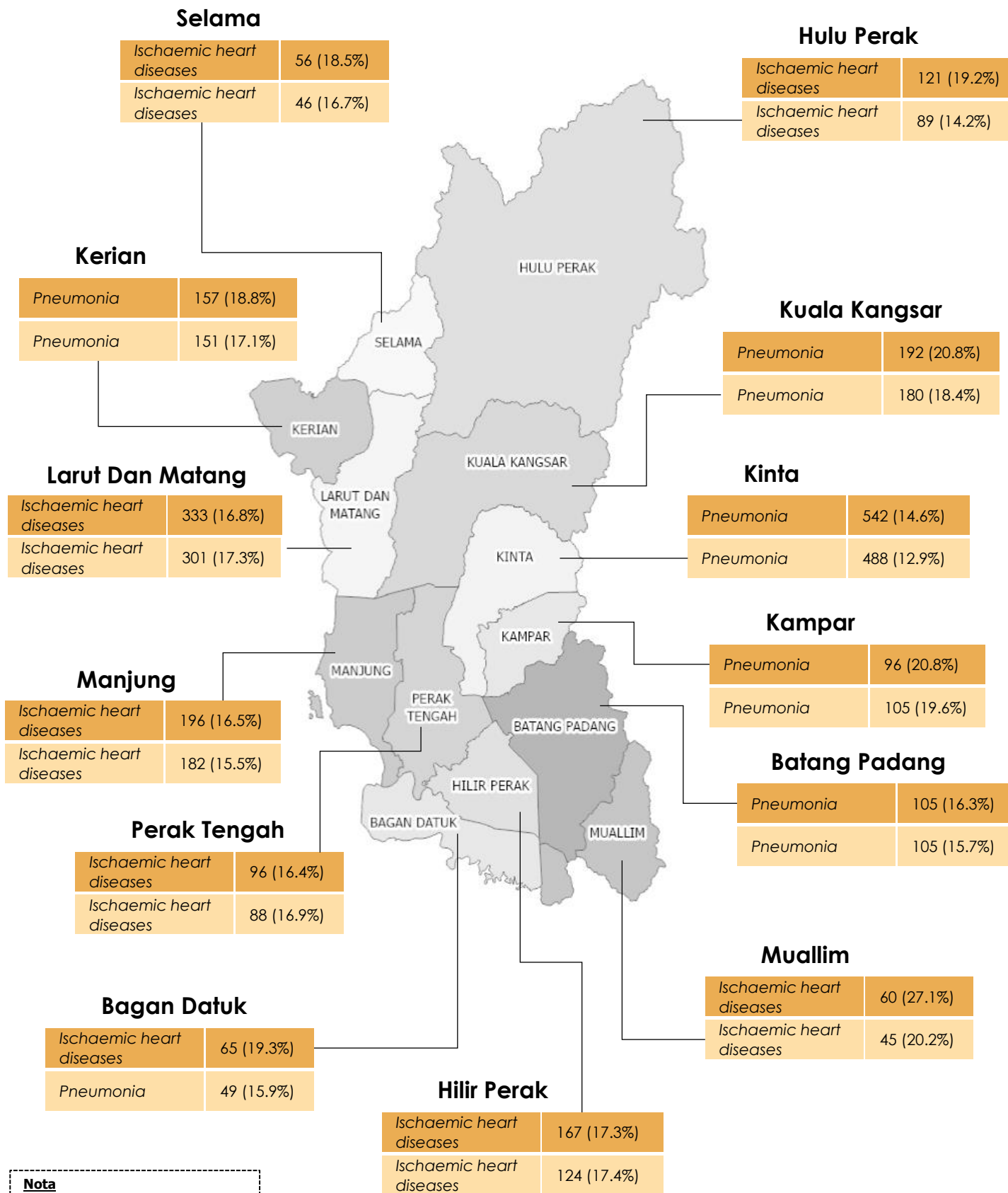
Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, PERAK, 2023**

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Malignant neoplasm of trachea, bronchus and lung</i>
<b>Jumlah</b>	<b>2,002</b>	<b>1,999</b>	<b>984</b>	<b>429</b>	<b>226</b>
<b>0</b>	-	6 (0.3%)	-	-	-
<b>1-4</b>	-	-	-	2 (0.5%)	-
<b>5-9</b>	-	2 (0.1%)	-	2 (0.5%)	-
<b>10-14</b>	-	1 (0.1%)	1 (0.1%)	7 (1.6%)	-
<b>15-19</b>	-	3 (0.2%)	4 (0.4%)	57 (13.3%)	-
<b>20-24</b>	3 (0.1%)	8 (0.4%)	3 (0.3%)	51 (11.9%)	1 (0.4%)
<b>25-29</b>	5 (0.2%)	15 (0.8%)	7 (0.7%)	43 (10.0%)	1 (0.4%)
<b>30-34</b>	21 (1.0%)	10 (0.5%)	7 (0.7%)	30 (7.0%)	-
<b>35-39</b>	51 (2.5%)	30 (1.5%)	21 (2.1%)	33 (7.7%)	3 (1.3%)
<b>40-44</b>	102 (5.1%)	42 (2.1%)	38 (3.9%)	28 (6.5%)	4 (1.8%)
<b>45-49</b>	126 (6.3%)	43 (2.2%)	44 (4.5%)	22 (5.1%)	9 (4.0%)
<b>50-54</b>	196 (9.8%)	71 (3.6%)	65 (6.6%)	24 (5.6%)	19 (8.4%)
<b>55-59</b>	255 (12.7%)	115 (5.8%)	84 (8.5%)	27 (6.3%)	29 (12.8%)
<b>60-64</b>	243 (12.1%)	172 (8.6%)	115 (11.7%)	31 (7.2%)	32 (14.2%)
<b>65-69</b>	254 (12.7%)	250 (12.5%)	121 (12.3%)	21 (4.9%)	41 (18.1%)
<b>70-74</b>	231 (11.5%)	309 (15.5%)	126 (12.8%)	24 (5.6%)	40 (17.7%)
<b>75-79</b>	176 (8.8%)	286 (14.3%)	124 (12.6%)	17 (4.0%)	27 (11.9%)
<b>80-84</b>	183 (9.1%)	278 (13.9%)	104 (10.6%)	10 (2.3%)	13 (5.8%)
<b>85 dan lebih</b>	156 (7.8%)	358 (17.9%)	120 (12.2%)	-	7 (3.1%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, PERAK



**Nota**

- Sebab kematian utama 2023
- Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

BILANGAN KEMATIAN, PERLIS, 2023



PERLIS



1,179 (54.3%)  
kematian



2,171  
kematian

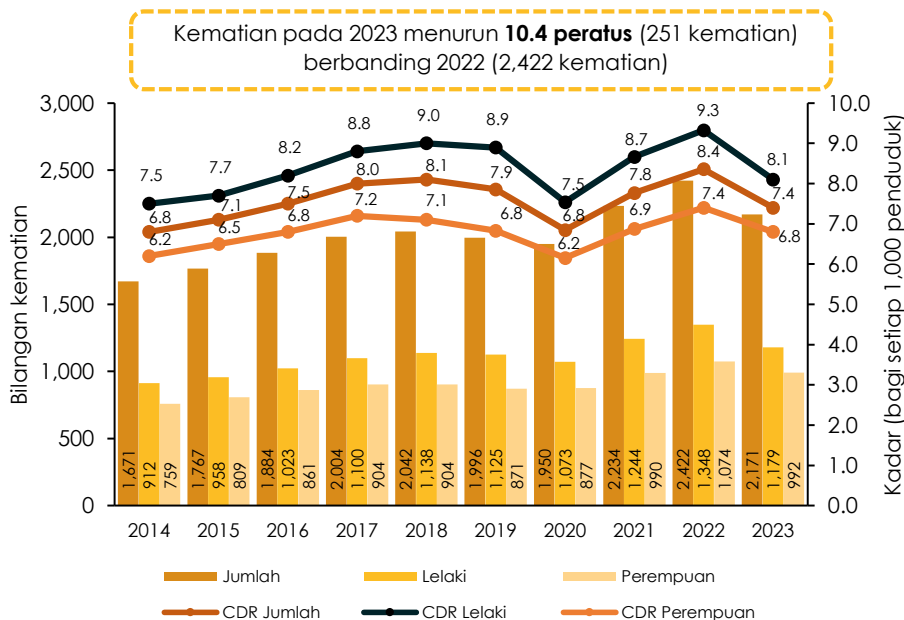


992 (45.7%)  
kematian

PURATA

6 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), PERLIS, 2014-2023



SEBAB KEMATIAN UTAMA<sup>1</sup>



Pneumonia

merupakan sebab kematian utama di Perlis tahun 2023

18.6%



Pneumonia

19.0%



Pneumonia

18.0%

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, PERLIS, 2023

1 Diseases of the circulatory system

31.0%  
35.9%

3 Neoplasms

11.5%  
8.9%

5 External causes of morbidity and mortality

6.3%  
5.6%

2 Diseases of the respiratory system

23.1%  
19.9%

4 Certain infectious and parasitic diseases

8.5%  
7.4%

Nota

2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, PERLIS, 2023



Melayu (1,156 kematian)

1	<i>Pneumonia</i>	18.7%
2	<i>Ischaemic heart diseases</i>	15.1%
3	<i>Cerebrovascular diseases</i>	8.8%
4	<i>Transport accidents</i>	3.5%
5	<i>Malignant neoplasm of trachea, bronchus and lung</i>	2.0%



Bumiputera Lain (0 kematian)

Nota : Tiada kematian yang disahkan secara perubatan direkodkan bagi Bumiputera Lain.



Cina (133 kematian)

1	<i>Pneumonia</i>	19.5%
2	<i>Ischaemic heart diseases</i>	15.0%
3	<i>Cerebrovascular diseases</i>	5.3%
4	<i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	2.3%
5	<i>Malignant neoplasm of pancreas</i>	2.3%



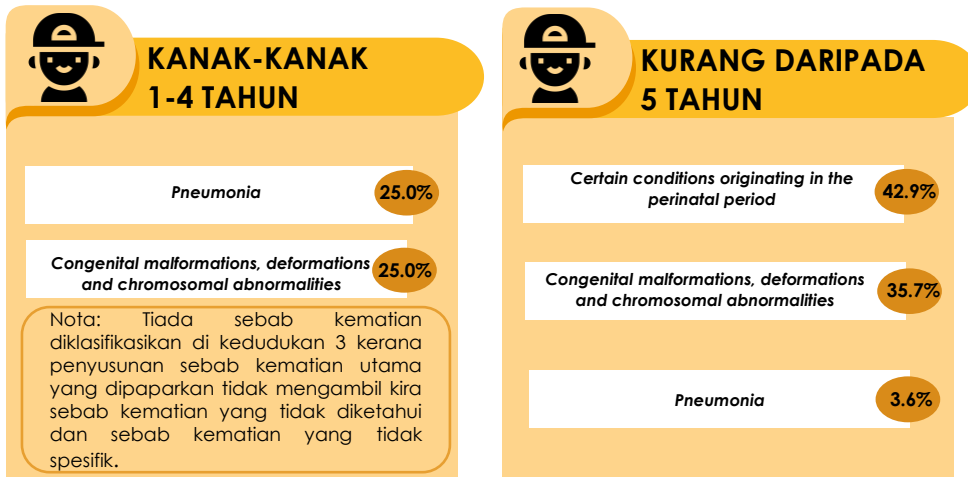
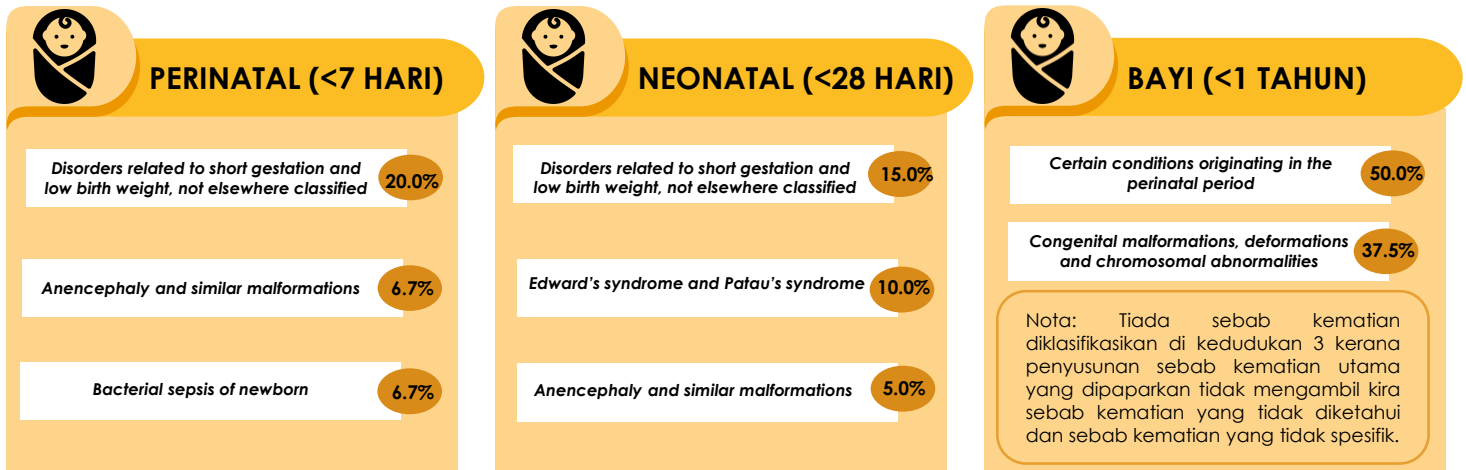
India (19 kematian)

1	<i>Ischaemic heart diseases</i>	21.1%
2	<i>Pneumonia</i>	21.1%
3	<i>Malignant neoplasm of pancreas</i>	5.3%
4	<i>Malignant neoplasm of breast</i>	5.3%
5	<i>Diabetes mellitus</i>	5.3%

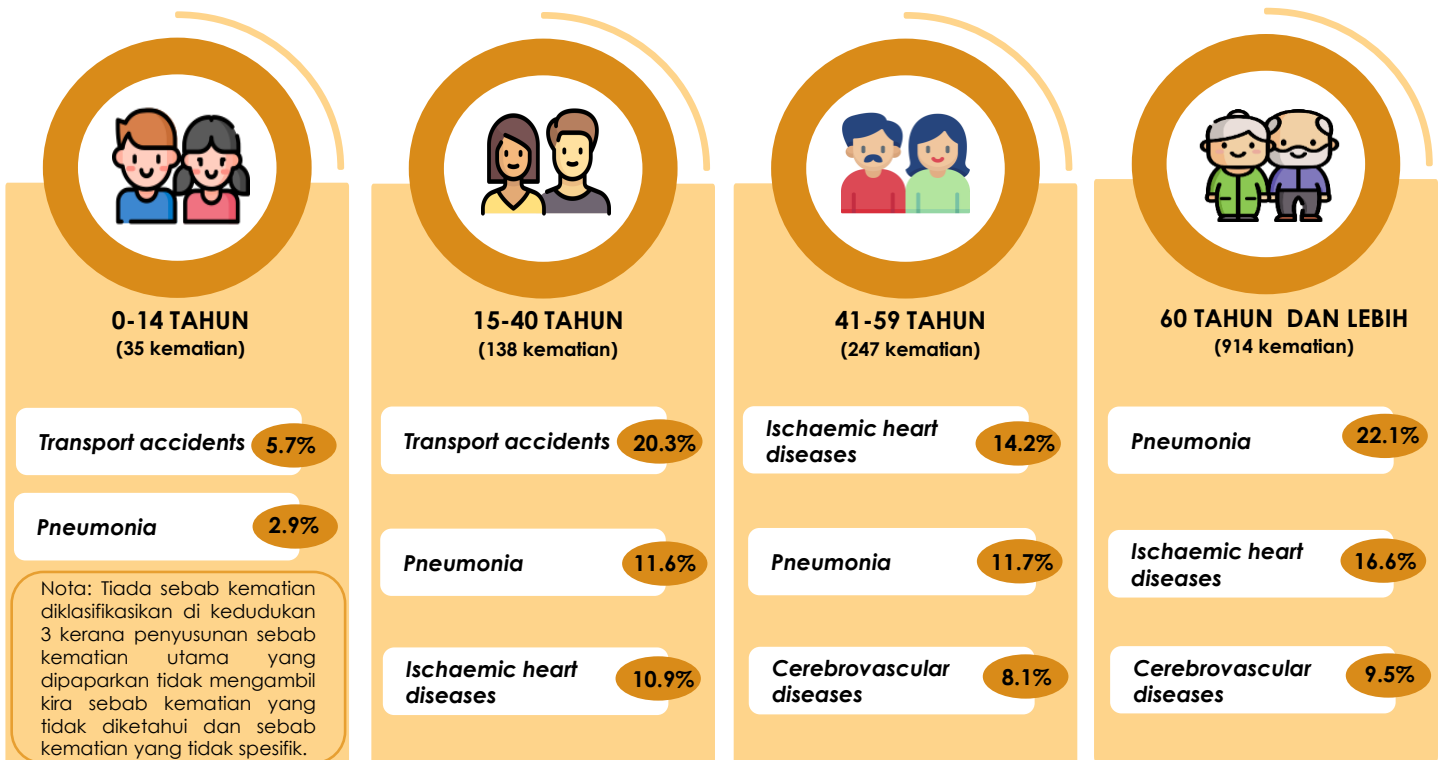
Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, PERLIS, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, PERLIS, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

### SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN MENGIKUT KUMPULAN UMUR, PERLIS, 2023

Kumpulan umur	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Malignant neoplasm of trachea, bronchus and lung</i>
<b>Jumlah</b>	<b>248</b>	<b>202</b>	<b>111</b>	<b>44</b>	<b>26</b>
<b>0</b>	-	-	-	-	-
<b>1-4</b>	1 (0.4%)	-	-	-	-
<b>5-9</b>	-	-	-	-	-
<b>10-14</b>	-	-	-	2 (4.5%)	-
<b>15-19</b>	1 (0.4%)	-	-	7 (15.9%)	-
<b>20-24</b>	3 (1.2%)	-	-	12 (27.3%)	-
<b>25-29</b>	5 (2.0%)	5 (2.5%)	-	2 (4.5%)	-
<b>30-34</b>	1 (0.4%)	2 (1.0%)	1 (0.9%)	5 (11.4%)	-
<b>35-39</b>	6 (2.4%)	6 (3.0%)	3 (2.7%)	2 (4.5%)	-
<b>40-44</b>	3 (1.2%)	8 (4.0%)	1 (0.9%)	1 (2.3%)	1 (3.8%)
<b>45-49</b>	4 (1.6%)	5 (2.5%)	4 (3.6%)	1 (2.3%)	3 (11.5%)
<b>50-54</b>	9 (3.6%)	9 (4.5%)	4 (3.6%)	3 (6.8%)	-
<b>55-59</b>	13 (5.2%)	15 (7.4%)	11 (9.9%)	-	2 (7.7%)
<b>60-64</b>	21 (8.5%)	23 (11.4%)	8 (7.2%)	2 (4.5%)	5 (19.2%)
<b>65-69</b>	33 (13.3%)	32 (15.8%)	9 (8.1%)	1 (2.3%)	4 (15.4%)
<b>70-74</b>	29 (11.7%)	21 (10.4%)	18 (16.2%)	3 (6.8%)	6 (23.1%)
<b>75-79</b>	33 (13.3%)	27 (13.4%)	18 (16.2%)	1 (2.3%)	3 (11.5%)
<b>80-84</b>	37 (14.9%)	28 (13.9%)	16 (14.4%)	2 (4.5%)	2 (7.7%)
<b>85 dan lebih</b>	49 (19.8%)	21 (10.4%)	18 (16.2%)	-	-

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, PULAU PINANG, 2023



PULAU PINANG



6,851 (55.7%)  
kematian



12,304  
kematian



5,453 (44.3%)  
kematian

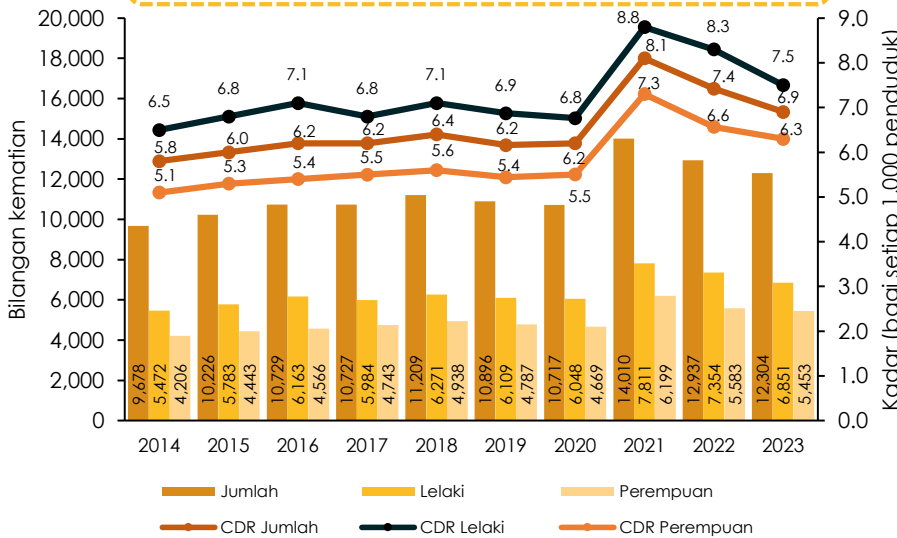
PURATA

1 kematian setiap jam

34 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), PULAU PINANG, 2014-2023

Kematian pada 2023 menurun **4.9 peratus** (633 kematian) berbanding 2022 (12,937 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



Pneumonia

merupakan sebab kematian utama di Pulau Pinang tahun 2023

17.8%



Ischaemic heart diseases

17.7%



Pneumonia

18.2%



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

25.0%

merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, PULAU PINANG, 2023

1 Diseases of the circulatory system

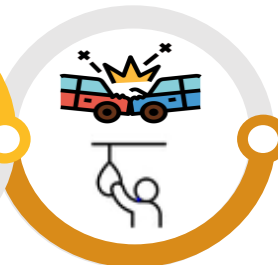
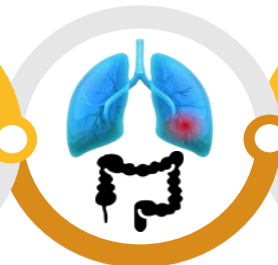
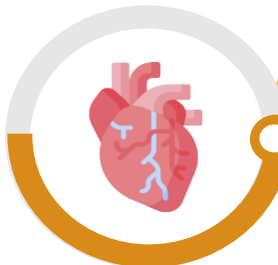
27.1%  
29.8%

3 Neoplasms

14.3%  
12.5%

5 External causes of morbidity and mortality

7.8%  
7.3%



2 Diseases of the respiratory system

22.8%  
19.7%

4 Certain infectious and parasitic diseases

8.6%  
9.1%

Nota  
2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK UTAMA, PULAU PINANG, 2023



Melayu (2,966 kematian)

1	Pneumonia	16.4%
2	Ischaemic heart diseases	15.8%
3	Cerebrovascular diseases	6.3%
4	Transport accidents	4.7%
5	Diabetes mellitus	2.8%



Bumiputera Lain (17 kematian)

1	Ischaemic heart diseases	17.6%
2	Transport accidents	11.8%
3	Malignant neoplasm of trachea, bronchus and lung	5.9%
4	Malignant neoplasm of meninges, brain and other parts of central nervous system	5.9%
5	Pneumonia	5.9%



Cina (3,576 kematian)

1	Pneumonia	19.0%
2	Ischaemic heart diseases	14.1%
3	Cerebrovascular diseases	4.8%
4	Malignant neoplasm of trachea, bronchus and lung	3.3%
5	Malignant neoplasm of colon, rectum and anus	2.8%



India (1,142 kematian)

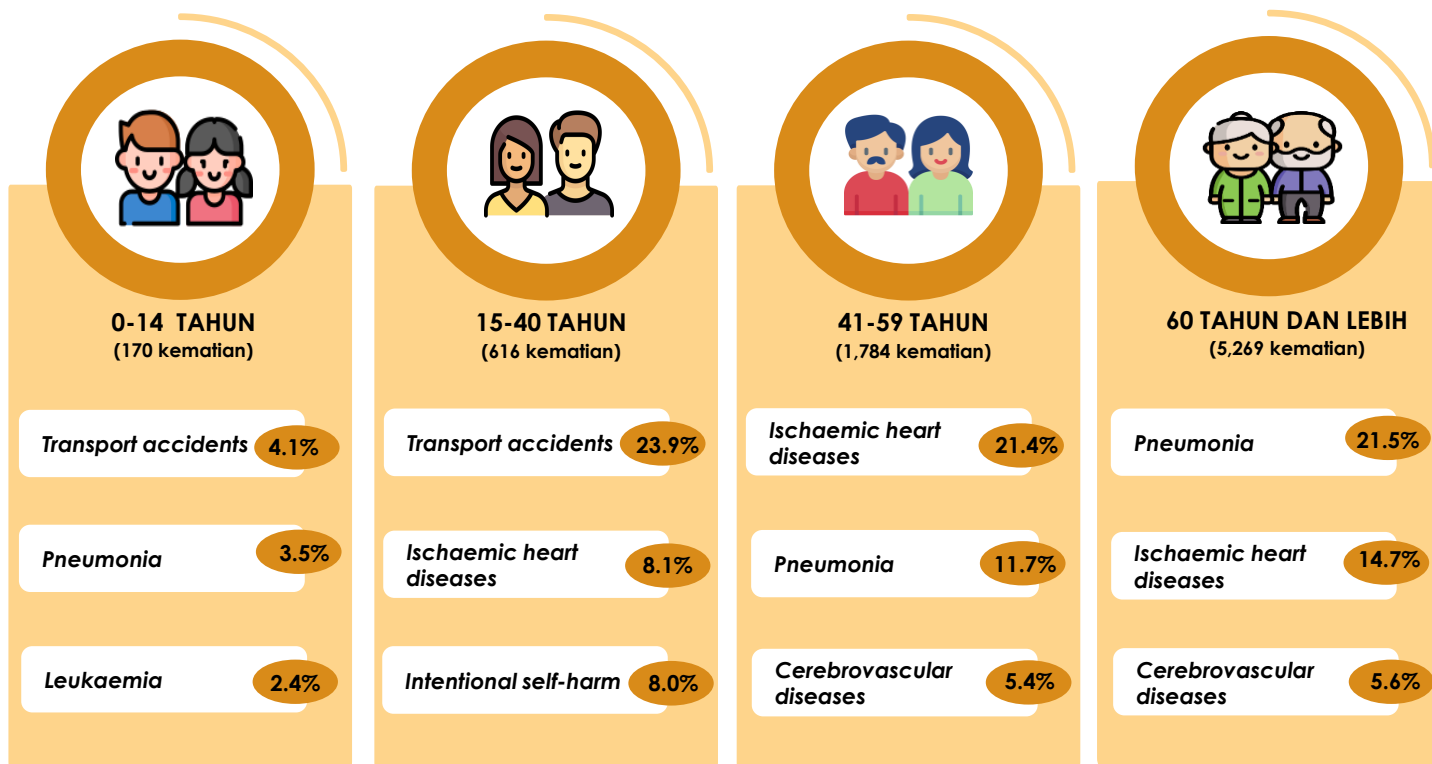
1	Ischaemic heart diseases	19.4%
2	Pneumonia	17.7%
3	Transport accidents	6.0%
4	Cerebrovascular diseases	4.6%
5	Diabetes mellitus	2.7%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, PULAU PINANG, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, PULAU PINANG, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, PULAU PINANG, 2023**

Kumpulan umur	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Malignant neoplasm of trachea, bronchus and lung</i>
<b>Jumlah</b>	<b>1,394</b>	<b>1,209</b>	<b>415</b>	<b>311</b>	<b>174</b>
<b>0</b>	3 (0.2%)	-	-	1 (0.3%)	-
<b>1-4</b>	-	-	-	-	-
<b>5-9</b>	2 (0.1%)	-	-	1 (0.3%)	-
<b>10-14</b>	1 (0.1%)	-	-	5 (1.6%)	-
<b>15-19</b>	2 (0.1%)	-	-	40 (12.9%)	-
<b>20-24</b>	-	1 (0.1%)	2 (0.5%)	33 (10.6%)	-
<b>25-29</b>	8 (0.6%)	5 (0.4%)	3 (0.7%)	29 (9.3%)	-
<b>30-34</b>	13 (0.9%)	14 (1.2%)	4 (1.0%)	21 (6.8%)	-
<b>35-39</b>	19 (1.4%)	19 (1.6%)	10 (2.4%)	17 (5.5%)	4 (2.3%)
<b>40-44</b>	18 (1.3%)	55 (4.5%)	10 (2.4%)	18 (5.8%)	5 (2.9%)
<b>45-49</b>	47 (3.4%)	83 (6.9%)	17 (4.1%)	15 (4.8%)	8 (4.6%)
<b>50-54</b>	68 (4.9%)	104 (8.6%)	23 (5.5%)	18 (5.8%)	8 (4.6%)
<b>55-59</b>	79 (5.7%)	151 (12.5%)	51 (12.3%)	28 (9.0%)	14 (8.0%)
<b>60-64</b>	115 (8.2%)	139 (11.5%)	47 (11.3%)	22 (7.1%)	30 (17.2%)
<b>65-69</b>	172 (12.3%)	181 (15.0%)	53 (12.8%)	20 (6.4%)	32 (18.4%)
<b>70-74</b>	204 (14.6%)	139 (11.5%)	49 (11.8%)	27 (8.7%)	22 (12.6%)
<b>75-79</b>	224 (16.1%)	143 (11.8%)	58 (14.0%)	6 (1.9%)	22 (12.6%)
<b>80-84</b>	203 (14.6%)	101 (8.4%)	42 (10.1%)	6 (1.9%)	20 (11.5%)
<b>85 dan lebih</b>	216 (15.5%)	74 (6.1%)	46 (11.1%)	4 (1.3%)	9 (5.2%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, PULAU PINANG

**Timur Laut**

<i>Pneumonia</i>	527 (20.3%)
<i>Ischaemic heart diseases</i>	471 (17.9%)



**Barat Daya**

<i>Pneumonia</i>	190 (18.4%)
<i>Ischaemic heart diseases</i>	182 (17.7%)

**Seberang Perai Utara**

<i>Ischaemic heart diseases</i>	278 (16.8%)
<i>Ischaemic heart diseases</i>	246 (15.9%)

**Seberang Perai Tengah**

<i>Pneumonia</i>	263 (15.9%)
<i>Ischaemic heart diseases</i>	312 (17.9%)

**Seberang Perai Selatan**

<i>Pneumonia</i>	151 (16.8%)
<i>Ischaemic heart diseases</i>	124 (14.8%)

**Nota**

- Sebab kematian utama 2023
- Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



BILANGAN KEMATIAN, SABAH, 2023



SABAH



9,680 (58.3%)  
kematian



16,610  
kematian



6,930 (41.7%)  
kematian

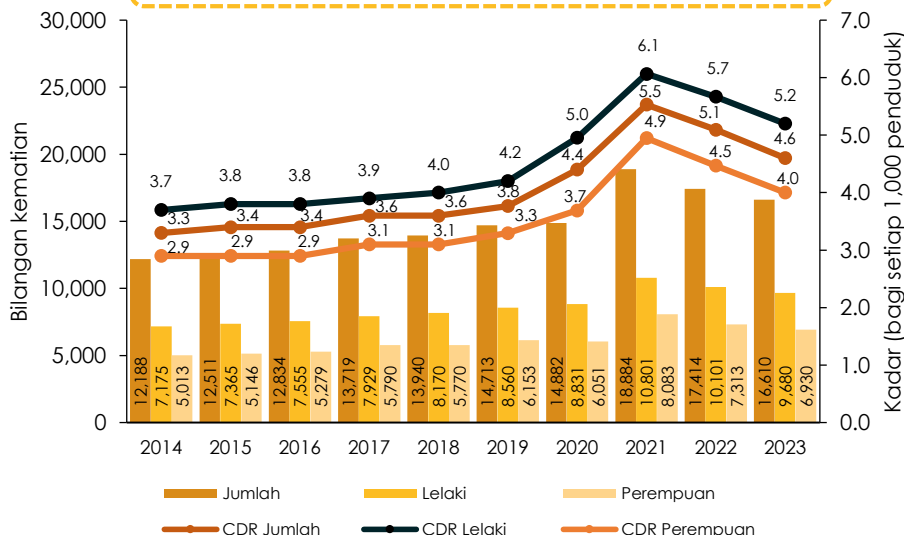
PURATA

2 kematian setiap jam

46 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SABAH, 2014-2023

Kematian pada 2023 menurun **4.6 peratus** (804 kematian) berbanding 2022 (17,414 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



**Pneumonia** merupakan sebab kematian utama di Sabah tahun 2023

14.2%



Pneumonia

13.5%



Pneumonia

15.2%



**Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium**

11.8%

merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, SABAH, 2023

1 Diseases of the circulatory system

23.9%  
24.1%

3 Neoplasms

17.3%  
15.2%

5 External causes of morbidity and mortality

5.3%  
5.3%

2 Diseases of the respiratory system

20.6%  
19.4%

4 Certain infectious and parasitic diseases

8.1%  
6.5%

Nota

2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, SABAH, 2023



Melayu (1,118 kematian)

1	Pneumonia	12.4%
2	Ischaemic heart diseases	10.6%
3	Cerebrovascular diseases	7.3%
4	Malignant neoplasm of colon, rectum and anus	2.5%
5	Hypertensive diseases	2.3%



Bumiputera Lain (5,164 kematian)

1	Pneumonia	13.8%
2	Ischaemic heart diseases	6.6%
3	Cerebrovascular diseases	6.6%
4	Transport accidents	2.7%
5	Hypertensive diseases	2.7%



Cina (1,211 kematian)

1	Pneumonia	17.8%
2	Ischaemic heart diseases	9.7%
3	Cerebrovascular diseases	6.3%
4	Malignant neoplasm of colon, rectum and anus	3.1%
5	Malignant neoplasm of trachea, bronchus and lung	3.0%

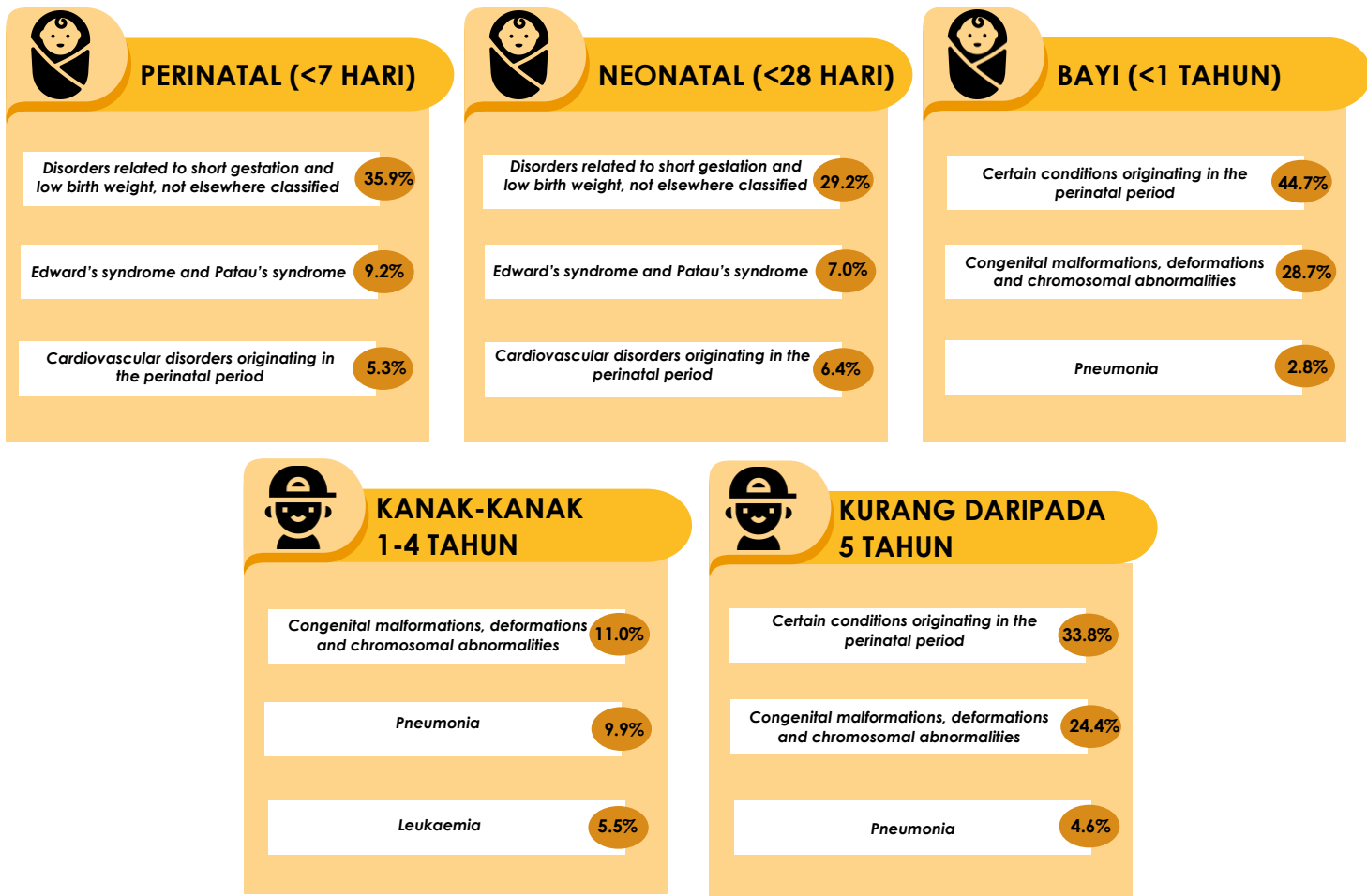


India (29 kematian)

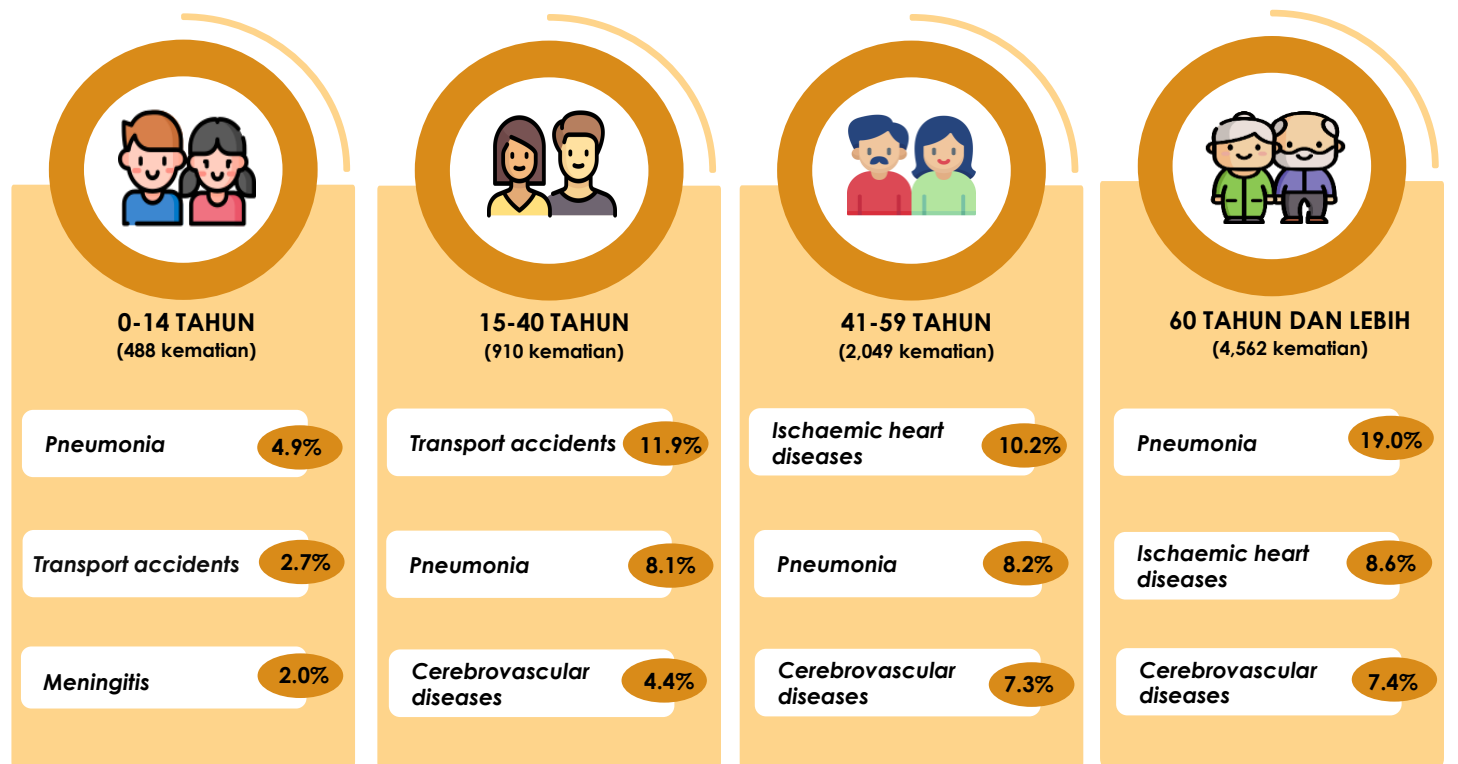
1	Pneumonia	20.7%
2	Ischaemic heart diseases	17.2%
3	Cerebrovascular diseases	6.9%
4	Malignant neoplasm of liver and intrahepatic bile ducts	3.4%
5	Leukaemia	3.4%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, SABAH, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, SABAH, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, SABAH, 2023**

Kumpulan umur	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Cerebrovascular diseases</i>	<i>Hypertensive diseases</i>	<i>Chronic lower respiratory diseases</i>
<b>Jumlah</b>	<b>1,134</b>	<b>635</b>	<b>530</b>	<b>200</b>	<b>188</b>
<b>0</b>	8 (0.7%)	-	-	-	1 (0.5%)
<b>1-4</b>	9 (0.8%)	-	-	-	1 (0.5%)
<b>5-9</b>	4 (0.4%)	-	-	-	-
<b>10-14</b>	3 (0.3%)	-	-	-	-
<b>15-19</b>	7 (0.6%)	1 (0.2%)	2 (0.4%)	-	2 (1.1%)
<b>20-24</b>	12 (1.1%)	3 (0.5%)	2 (0.4%)	-	3 (1.6%)
<b>25-29</b>	11 (1.0%)	3 (0.5%)	1 (0.2%)	1 (0.5%)	2 (1.1%)
<b>30-34</b>	19 (1.7%)	11 (1.7%)	9 (1.7%)	3 (1.5%)	1 (0.5%)
<b>35-39</b>	21 (1.9%)	12 (1.9%)	23 (4.3%)	7 (3.5%)	3 (1.6%)
<b>40-44</b>	26 (2.3%)	38 (6.0%)	24 (4.5%)	14 (7.0%)	3 (1.6%)
<b>45-49</b>	34 (3.0%)	45 (7.1%)	45 (8.5%)	15 (7.5%)	4 (2.1%)
<b>50-54</b>	43 (3.8%)	61 (9.6%)	39 (7.4%)	22 (11.0%)	9 (4.8%)
<b>55-59</b>	68 (6.0%)	70 (11.0%)	45 (8.5%)	13 (6.5%)	8 (4.3%)
<b>60-64</b>	106 (9.3%)	87 (13.7%)	49 (9.2%)	32 (16.0%)	17 (9.0%)
<b>65-69</b>	147 (13.0%)	100 (15.7%)	65 (12.3%)	23 (11.5%)	26 (13.8%)
<b>70-74</b>	147 (13.0%)	70 (11.0%)	69 (13.0%)	27 (13.5%)	27 (14.4%)
<b>75-79</b>	135 (11.9%)	56 (8.8%)	44 (8.3%)	16 (8.0%)	27 (14.4%)
<b>80-84</b>	166 (14.6%)	47 (7.4%)	59 (11.1%)	10 (5.0%)	23 (12.2%)
<b>85 dan lebih</b>	168(14.8%)	31 (4.9%)	54 (10.2%)	17 (8.5%)	31 (16.5%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, SABAH



DAERAH PENTADBIRAN	2023		2022	
	Sebab Kematian	Angka (Peratus)	Sebab Kematian	Angka (Peratus)
Tawau	Pneumonia	70 (13.2%)	Pneumonia	72 (10.5%)
Lahad Datu	Pneumonia	42 (13.2%)	Pneumonia	41 (13.9%)
Semporna	Pneumonia	37 (13.0%)	Cerebrovascular diseases	20 (9.4%)
Sandakan	Ischaemic heart diseases	158 (17.6%)	Pneumonia	124 (15.9%)
Kinabatangan	Pneumonia	19 (18.4%)	Ischaemic heart diseases	11 (10.7%)
Beluran	Pneumonia	27 (20.5%)	Pneumonia	18 (15.8%)
Kota Kinabalu	Pneumonia	155 (15.3%)	Pneumonia	146 (12.1%)
Ranau	Pneumonia	49 (15.4%)	Pneumonia	41 (13.6%)
Kota Belud	Pneumonia	51 (13.1%)	Pneumonia	60 (12.3%)
Tuaran	Pneumonia	78 (14.7%)	Pneumonia	87 (14.4%)
Penampang	Pneumonia	62 (15.5%)	Pneumonia	71 (14.9%)
Papar	Pneumonia	63 (12.7%)	Pneumonia	55 (12.2%)
Kudat	Pneumonia	41 (15.1%)	Pneumonia	41 (14.4%)
Kota Marudu	Pneumonia	29 (11.5%)	Pneumonia	36 (15.5%)
Pitas	Pneumonia	33 (17.7%)	Pneumonia	19 (13.8%)
Beaufort	Pneumonia	43 (12.8%)	Pneumonia	48 (12.0%)
Kuala Penyu	Pneumonia	31 (20.9%)	Pneumonia	21 (14.0%)
Sipitang	Pneumonia	14 (10.5%)	Pneumonia	16 (12.7%)
Tenom	Pneumonia	24 (12.7%)	Pneumonia	22 (11.7%)
Nabawan	Pneumonia	11 (13.8%)	Pneumonia	11 (16.2%)
Keningau	Pneumonia	51 (12.2%)	Hypertensive diseases	44 (9.2%)
Tambunan	Pneumonia	22 (15.0%)	Pneumonia	17 (9.5%)
Kunak	Pneumonia	12 (10.7%)	Ischaemic heart diseases	16 (14.3%)
Tongod	Cerebrovascular diseases	7 (10.0%)	Pneumonia	6 (13.6%)
Putatan	Pneumonia	22 (12.5%)	Pneumonia	24 (16.2%)
Telupid	Pneumonia	7 (20.6%)	Cerebrovascular diseases	4 (10.3%)
Kalabakan	Malignant neoplasm of breast	3 (8.1%)	Ischaemic heart diseases	3 (9.7%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

BILANGAN KEMATIAN, SARAWAK, 2023



SARAWAK



9,211 (57.0%)  
kematian



16,158  
kematian



6,947 (43.0%)  
kematian

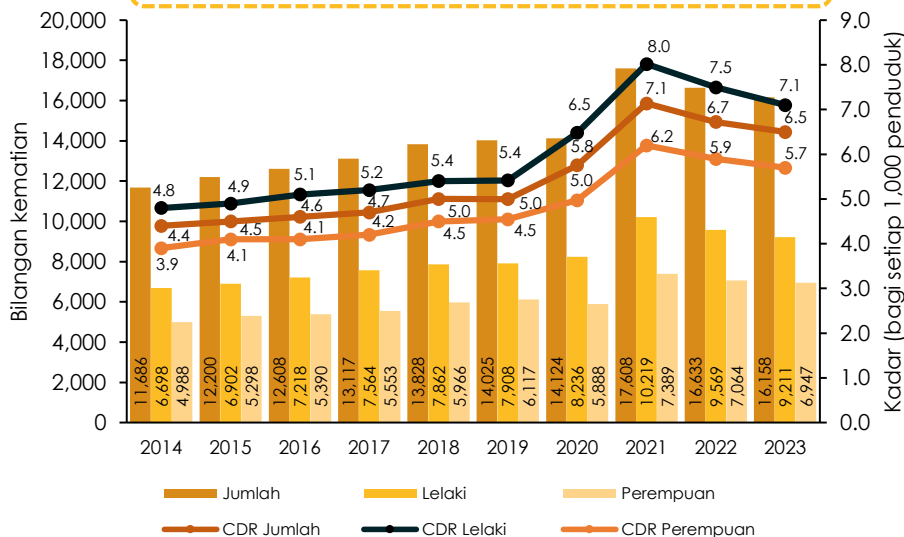
PURATA

2 kematian setiap jam

44 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SARAWAK, 2014-2023

Kematian pada 2023 menurun **2.9 peratus** (475 kematian) berbanding 2022 (16,633 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



**Pneumonia** merupakan sebab kematian utama di Sarawak tahun 2023

9.9%



**Ischaemic heart diseases**

9.9%



**Pneumonia**

10.8%



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

16.7%

merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, SARAWAK, 2023

1 Diseases of the circulatory system

24.4%

25.4%

3 Diseases of the respiratory system

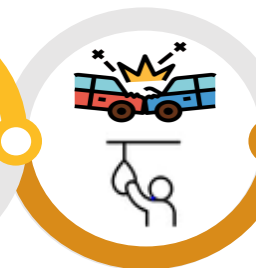
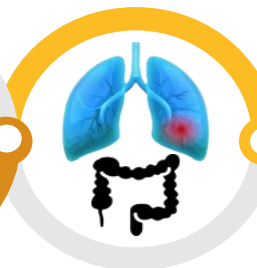
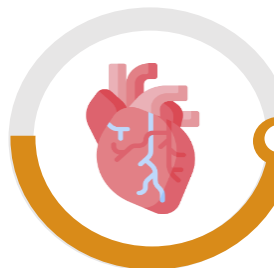
17.1%

17.0%

5 External causes of morbidity and mortality

6.3%

6.7%



2 Neoplasms

19.8%

17.8%

4 Certain infectious and parasitic diseases

8.7%

7.2%

Nota

2023
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, SARAWAK, 2023



Melayu (1,453 kematian)

1	Ischaemic heart diseases	9.4%
2	Cerebrovascular diseases	8.7%
3	Pneumonia	7.4%
4	Malignant neoplasm of trachea, bronchus and lung	3.5%
5	Chronic lower respiratory diseases	3.3%



Bumiputera Lain (3,839 kematian)

1	Pneumonia	10.3%
2	Ischaemic heart diseases	8.1%
3	Cerebrovascular diseases	6.8%
4	Chronic lower respiratory diseases	4.2%
5	Malignant neoplasm of trachea, bronchus and lung	3.2%



Cina (2,412 kematian)

1	Pneumonia	10.9%
2	Ischaemic heart diseases	7.7%
3	Cerebrovascular diseases	6.6%
4	Malignant neoplasm of trachea, bronchus and lung	4.1%
5	Malignant neoplasm of colon, rectum and anus	3.7%



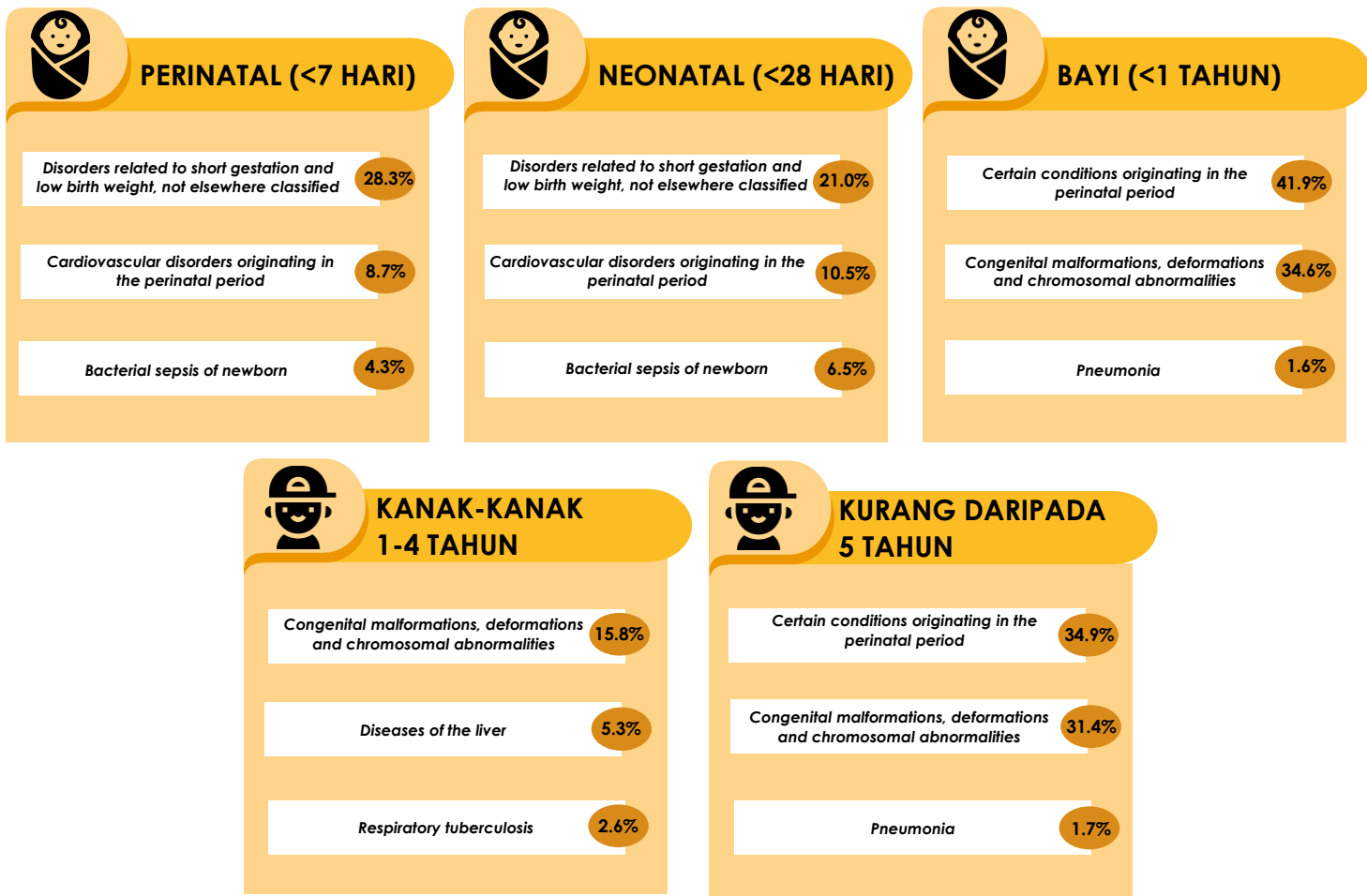
India (23 kematian)

1	Ischaemic heart diseases	21.7%
2	Hypertensive diseases	8.7%
3	Pneumonia	8.7%
4	Transport accidents	8.7%
5	Malignant neoplasm of stomach	4.3%

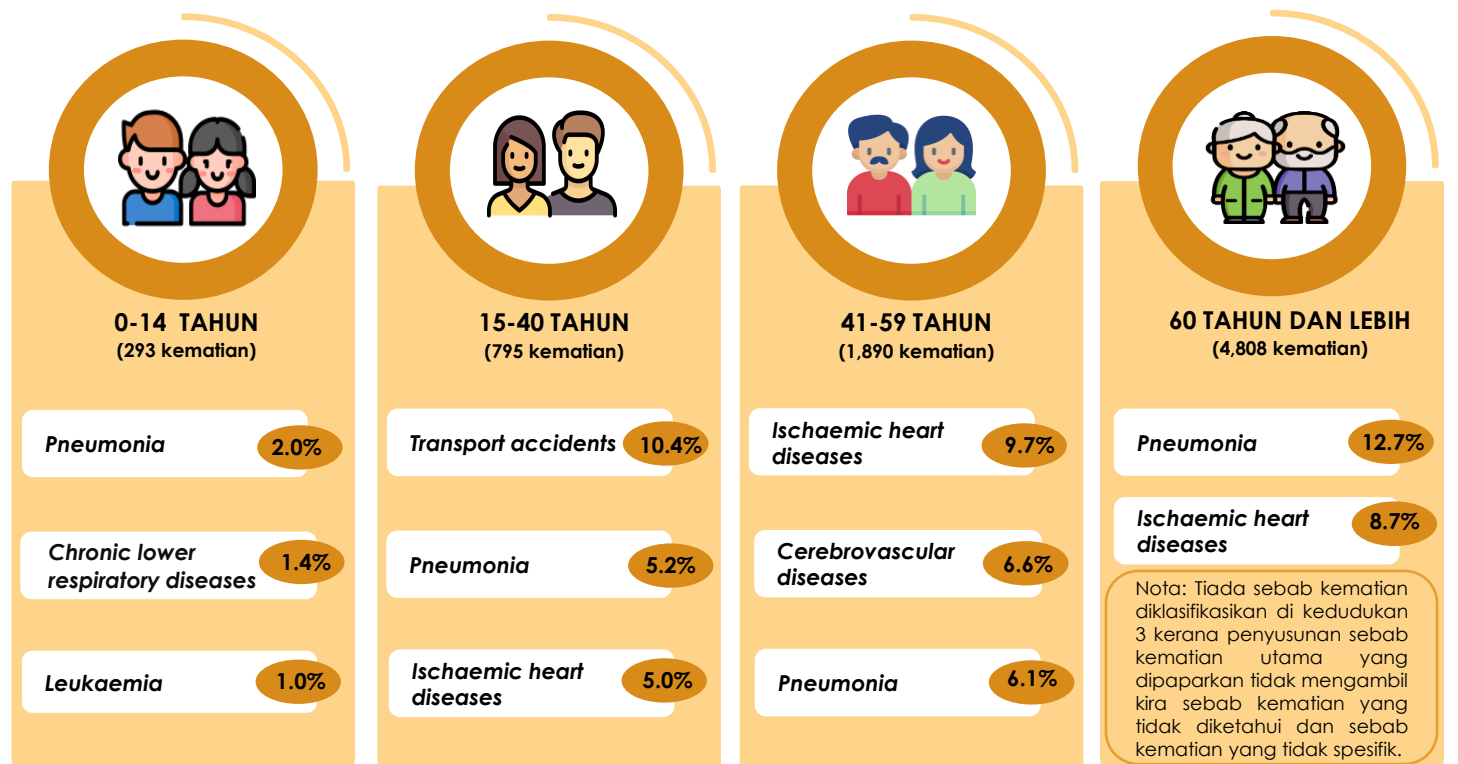
Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, SARAWAK, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, SARAWAK, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

### SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN MENGIKUT KUMPULAN UMUR, SARAWAK, 2023

Kumpulan umur	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Cerebrovascular diseases</i>	<i>Malignant neoplasm of trachea, bronchus and lung</i>	<i>Chronic lower respiratory diseases</i>
<b>Jumlah</b>	<b>773</b>	<b>640</b>	<b>552</b>	<b>272</b>	<b>249</b>
<b>0</b>	3 (0.4%)	-	-	-	3 (1.2%)
<b>1-4</b>	1 (0.1%)	-	-	-	1 (0.4%)
<b>5-9</b>	1 (0.1%)	-	-	-	-
<b>10-14</b>	1 (0.1%)	-	-	-	-
<b>15-19</b>	2 (0.3%)	-	-	-	-
<b>20-24</b>	4 (0.5%)	4 (0.6%)	1 (0.2%)	-	-
<b>25-29</b>	7 (0.9%)	4 (0.6%)	3 (0.5%)	-	4 (1.6%)
<b>30-34</b>	9 (1.2%)	11 (1.7%)	8 (1.4%)	4 (1.5%)	3 (1.2%)
<b>35-39</b>	17 (2.2%)	14 (2.2%)	19 (3.4%)	5 (1.8%)	3 (1.2%)
<b>40-44</b>	14 (1.8%)	29 (4.5%)	23 (4.2%)	9 (3.3%)	1 (0.4%)
<b>45-49</b>	31 (4.0%)	42 (6.6%)	25 (4.5%)	17 (6.3%)	8 (3.2%)
<b>50-54</b>	36 (4.7%)	55 (8.6%)	41 (7.4%)	29 (10.7%)	8 (3.2%)
<b>55-59</b>	37 (4.8%)	64 (10.0%)	45 (8.2%)	35 (12.9%)	9 (3.6%)
<b>60-64</b>	58 (7.5%)	73 (11.4%)	46 (8.3%)	32 (11.8%)	19 (7.6%)
<b>65-69</b>	80 (10.3%)	87 (13.6%)	70 (12.7%)	39 (14.3%)	40 (16.1%)
<b>70-74</b>	109 (14.1%)	86 (13.4%)	62 (11.2%)	36 (13.2%)	35 (14.1%)
<b>75-79</b>	114 (14.7%)	71 (11.1%)	76 (13.8%)	36 (13.2%)	42 (16.9%)
<b>80-84</b>	100 (12.9%)	56 (8.8%)	60 (10.9%)	22 (8.1%)	34 (13.7%)
<b>85 dan lebih</b>	149 (19.3%)	44 (6.9%)	73 (13.2%)	8 (2.9%)	39 (15.7%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, SARAWAK

DAERAH PENTADBIRAN	2023		2022	
Kuching	Ischaemic heart diseases	159 (9.9%)	Ischaemic heart diseases	180 (10.7%)
Bau	Pneumonia	19 (10.1%)	Pneumonia	19 (9.5%)
Lundu	Pneumonia	10 (10.3%)	Cerebrovascular diseases	16 (12.5%)
Samarahan	Cerebrovascular diseases	10 (6.8%)	Ischaemic heart diseases	20 (11.5%)
Serian	Ischaemic heart diseases	38 (10.4%)	Ischaemic heart diseases	39 (10.8%)
Simunjan	Cerebrovascular diseases	12 (9.9%)	Pneumonia	17 (12.6%)
Sri Aman	Pneumonia	19 (12.5%)	Pneumonia	20 (10.5%)
Lubok Antu	Ischaemic heart diseases	9 (11.1%)	Ischaemic heart diseases	9 (11.8%)
Betong	Cerebrovascular diseases	18 (11.6%)	Cerebrovascular diseases	26 (11.6%)
Saratok	Cerebrovascular diseases	14 (13.2%)	Pneumonia	10 (11.5%)
Sarikei	Pneumonia	24 (10.3%)	Cerebrovascular diseases	18 (10.1%)
Maradong	Pneumonia	16 (14.8%)	Pneumonia	12 (10.4%)
Daro	Pneumonia	4 (10.8%)	Cerebrovascular diseases	8 (13.8%)
Julau	Pneumonia	6 (10.5%)	Cerebrovascular diseases	6 (10.3%)
Sibu	Pneumonia	103 (9.0%)	Pneumonia	97 (10.8%)
Dalat	Hypertensive diseases	6 (7.3%)	Cerebrovascular diseases	9 (10.6%)
Mukah	Ischaemic heart diseases	14 (10.2%)	Pneumonia	22 (14.0%)
Kanowit	Pneumonia	15 (9.3%)	Pneumonia	27 (16.3%)
Bintulu	Ischaemic heart diseases	27 (10.2%)	Pneumonia	34 (11.3%)
Tatau	Ischaemic heart diseases	7 (10.4%)	Pneumonia	7 (9.7%)
Kapit	Ischaemic heart diseases	12 (8.6%)	Pneumonia	14 (9.9%)
Song	Pneumonia	8 (12.5%)	Ischaemic heart diseases	5 (12.5%)
Belaga	Cerebrovascular diseases	9 (13.8%)	Malignant neoplasm of trachea, bronchus and lung	4 (10.5%)
Miri	Pneumonia	114 (15.7%)	Pneumonia	101 (12.5%)
Marudi	Pneumonia	18 (17.8%)	Pneumonia	11 (12.6%)
Limbang	Cerebrovascular diseases	34 (12.8%)	Pneumonia	15 (9.1%)
Lawas	Pneumonia	14 (10.0%)	Pneumonia	17 (10.3%)
Matu	Cerebrovascular diseases	5 (11.6%)	Cerebrovascular diseases	7 (14.3%)
Asajaya	Ischaemic heart diseases	9 (10.8%)	Hypertensive diseases	7 (8.2%)
Pakan	Pneumonia	10 (18.9%)	Chronic lower respiratory diseases	7 (15.2%)
Selangau	Cerebrovascular diseases	6 (8.2%)	Pneumonia	11 (14.7%)
Tebedu	Pneumonia	8 (9.9%)	Pneumonia	7 (9.5%)
Pusa	Ischaemic heart diseases	10 (10.4%)	Ischaemic heart diseases	15 (14.0%)
Kabong	Cerebrovascular diseases	9 (10.8%)	Chronic lower respiratory diseases	10 (13.5%)
Tanjung Manis	Ischaemic heart diseases	2 (10.5%)	Ischaemic heart diseases	5 (20.0%)
Sebauh	Cerebrovascular diseases	10 (13.5%)	Cerebrovascular diseases	8 (10.1%)
Bukit Mabong	Pneumonia	6 (10.5%)	Pneumonia	11 (19.3%)
Subis	Pneumonia	30 (18.3%)	Pneumonia	19 (12.3%)
Beluru	Pneumonia	17 (19.3%)	Pneumonia	13 (13.7%)
Telang Usan	Pneumonia	14 (23.0%)	Pneumonia	11 (17.5%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

BILANGAN KEMATIAN, SELANGOR, 2023



SELANGOR



19,029 (58.3%)  
kematian



32,646  
kematian



13,617 (41.7%)  
kematian

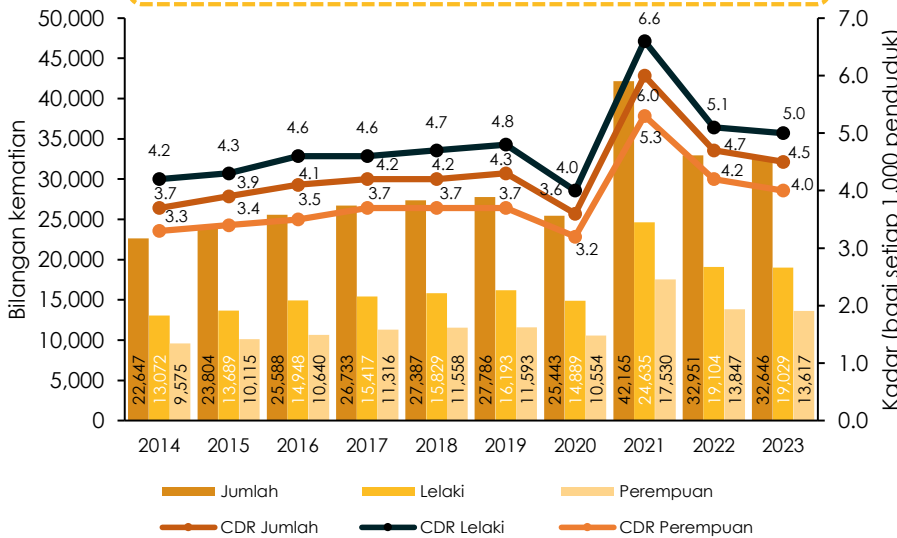
PURATA

4 kematian setiap jam

89 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), SELANGOR, 2014-2023

Kematian pada 2023 menurun **0.9 peratus** (305 kematian) berbanding 2022 (32,951 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



Ischaemic heart diseases

merupakan sebab kematian utama di

15.2%

Selangor tahun 2023



Ischaemic heart diseases

18.2%



Pneumonia

16.4%



Obstetric embolism

merupakan sebab kematian utama bagi ibu bersalin

26.7%

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, SELANGOR, 2023

1 Diseases of the circulatory system

27.8%

29.4%

3 Neoplasms

14.9%

14.9%

5 Certain infectious and parasitic diseases

7.9%

7.6%

2 Diseases of the respiratory system

20.1%

16.5%

4 External causes of morbidity and mortality

8.0%

7.0%

Nota

2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, SELANGOR, 2023



Melayu (9,643 kematian)

1	Pneumonia	14.8%
2	Ischaemic heart diseases	14.3%
3	Cerebrovascular diseases	6.4%
4	Transport accidents	4.9%
5	Malignant neoplasm of breast	1.7%



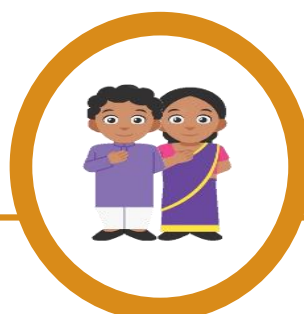
Bumiputera Lain (277 kematian)

1	Ischaemic heart diseases	13.4%
2	Transport accidents	10.1%
3	Pneumonia	9.7%
4	Cerebrovascular diseases	7.6%
5	Diseases of the liver	1.8%



Cina (5,859 kematian)

1	Pneumonia	16.6%
2	Ischaemic heart diseases	14.2%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	3.1%
5	Malignant neoplasm of colon, rectum and anus	3.0%

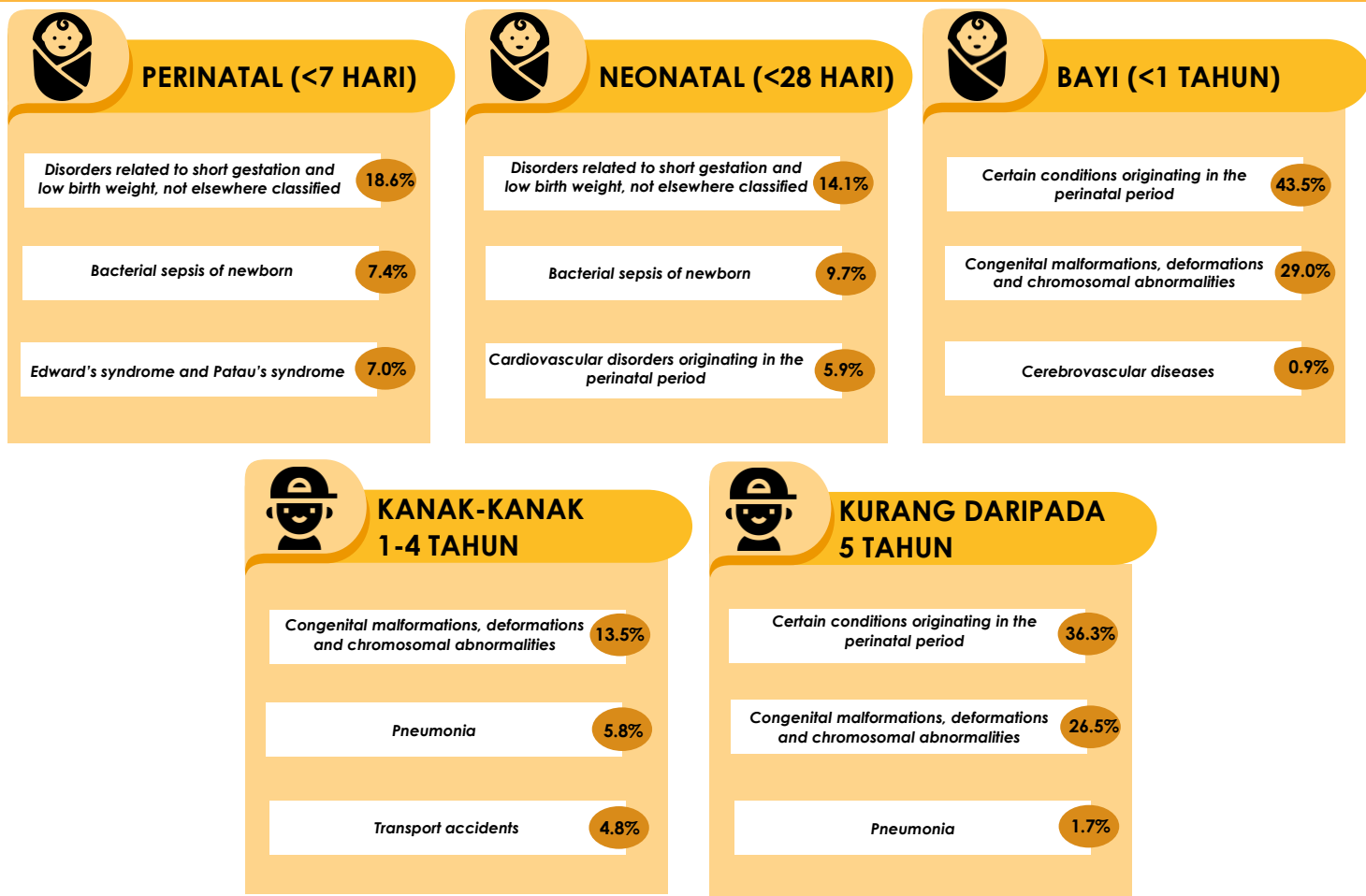


India (3,589 kematian)

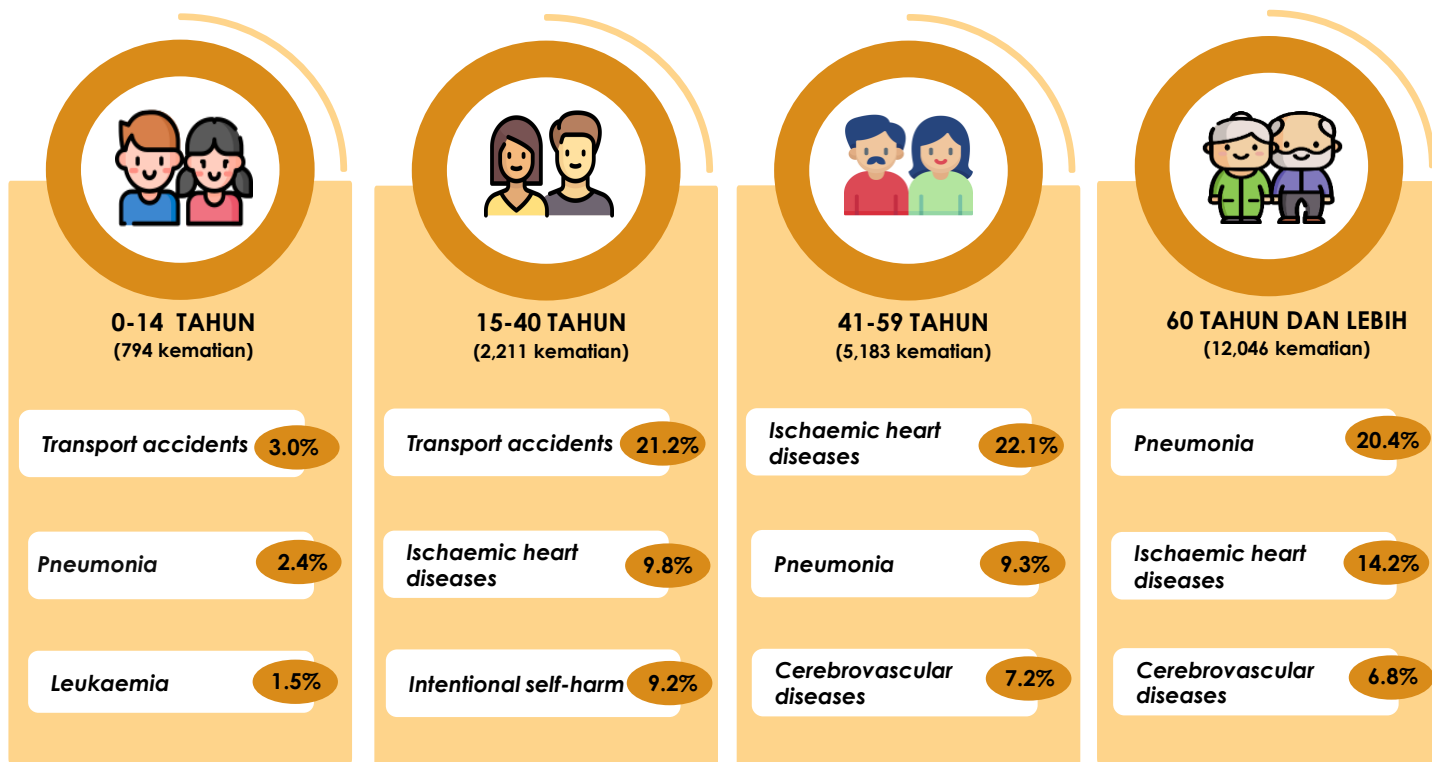
1	Ischaemic heart diseases	20.4%
2	Pneumonia	14.5%
3	Cerebrovascular diseases	5.4%
4	Transport accidents	4.6%
5	Diseases of the liver	2.6%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, SELANGOR, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, SELANGOR, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

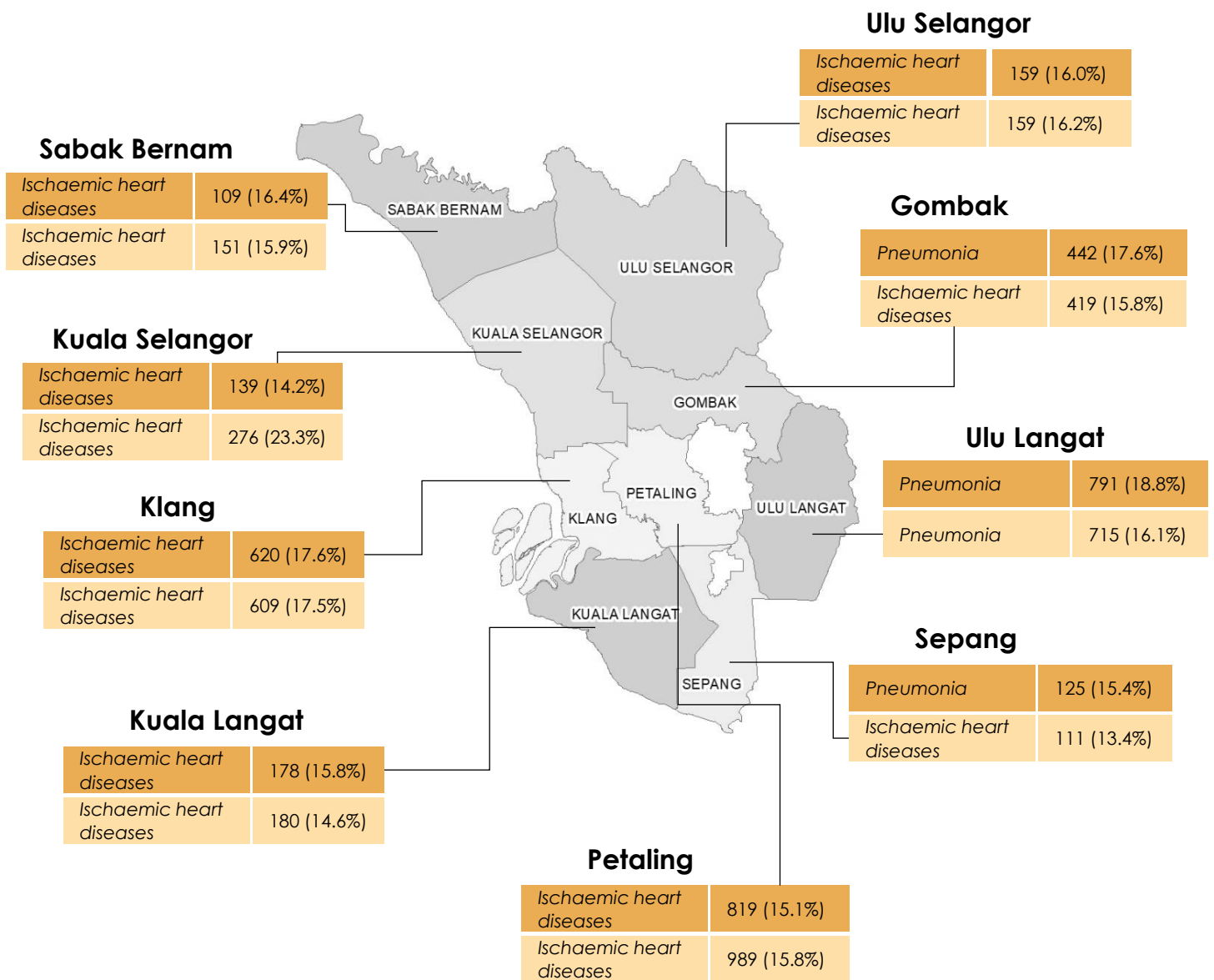
### SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN MENGIKUT KUMPULAN UMUR, SELANGOR, 2023

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Malignant neoplasm of trachea, bronchus and lung</i>
<b>Jumlah</b>	<b>3,076</b>	<b>3,072</b>	<b>1,283</b>	<b>775</b>	<b>390</b>
<b>0</b>	-	5 (0.2%)	-	1 (0.1%)	-
<b>1-4</b>	-	6 (0.2%)	-	5 (0.6%)	-
<b>5-9</b>	-	1 (0.0%)	-	5 (0.6%)	-
<b>10-14</b>	-	7 (0.2%)	2 (0.2%)	13 (1.7%)	-
<b>15-19</b>	3 (0.1%)	10 (0.3%)	3 (0.2%)	109 (14.1%)	-
<b>20-24</b>	1 (0.0%)	14 (0.5%)	7 (0.5%)	124 (16.0%)	-
<b>25-29</b>	17 (0.6%)	17 (0.6%)	7 (0.5%)	92 (11.9%)	-
<b>30-34</b>	53 (1.7%)	28 (0.9%)	11 (0.9%)	74 (9.5%)	1 (0.3%)
<b>35-39</b>	117 (3.8%)	39 (1.3%)	46 (3.6%)	63 (8.1%)	1 (0.3%)
<b>40-44</b>	180 (5.9%)	68 (2.2%)	61 (4.8%)	50 (6.5%)	12 (3.1%)
<b>45-49</b>	272 (8.8%)	96 (3.1%)	89 (6.9%)	61 (7.9%)	23 (5.9%)
<b>50-54</b>	307 (10.0%)	128 (4.2%)	96 (7.5%)	36 (4.6%)	32 (8.2%)
<b>55-59</b>	412 (13.4%)	198 (6.4%)	132 (10.3%)	38 (4.9%)	57 (14.6%)
<b>60-64</b>	392 (12.7%)	271 (8.8%)	151 (11.8%)	28 (3.6%)	60 (15.4%)
<b>65-69</b>	386 (12.5%)	353 (11.5%)	162 (12.6%)	28 (3.6%)	77 (19.7%)
<b>70-74</b>	329 (10.7%)	430 (14.0%)	158 (12.3%)	25 (3.2%)	60 (15.4%)
<b>75-79</b>	262 (8.5%)	447 (14.6%)	136 (10.6%)	18 (2.3%)	35 (9.0%)
<b>80-84</b>	192 (6.2%)	444 (14.5%)	110 (8.6%)	4 (0.5%)	22 (5.6%)
<b>85 dan lebih</b>	153 (5.0%)	510 (16.6%)	112 (8.73%)	1 (0.13%)	10 (2.6%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan



SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, SELANGOR



**Nota**

Sebab kematian utama 2023

Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

BILANGAN KEMATIAN, TERENGGANU, 2023



TERENGGANU



4,441 (56.5%)  
kematian



7,857  
kematian



3,416 (43.5%)  
kematian

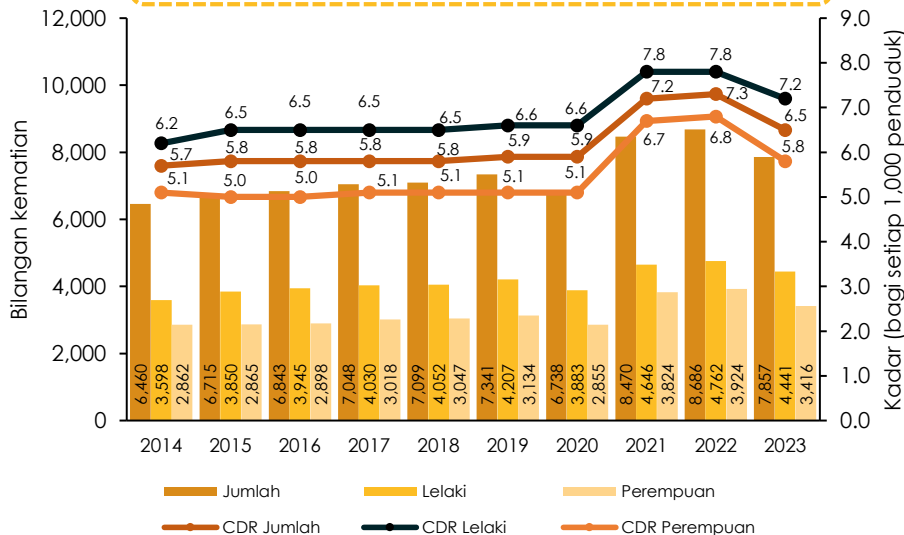
PURATA

1 kematian setiap jam

22 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), TERENGGANU, 2014-2023

Kematian pada 2023 menurun **9.5 peratus** (829 kematian) berbanding 2022 (8,686 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



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

**15.3%** Terengganu tahun 2023



**Ischaemic heart diseases**

**18.7%**



**Pneumonia**

**13.6%**



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

**33.3%** merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, TERENGGANU, 2023

**1 Diseases of the circulatory system**

**33.0%**

**33.3%**

**3 Neoplasms**

**10.9%**

**9.7%**

**5 External causes of morbidity and mortality**

**7.2%**

**5.5%**

**2 Diseases of the respiratory system**

**18.1%**

**19.1%**

**4 Certain infectious and parasitic diseases**

**7.4%**

**6.4%**

Nota

2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, TERENGGANU, 2023



Melayu (4,874 kematian)

1	Ischaemic heart diseases	15.0%
2	Pneumonia	13.6%
3	Cerebrovascular diseases	10.3%
4	Transport accidents	4.3%
5	Diabetes mellitus	4.0%



Bumiputera Lain (12 kematian)

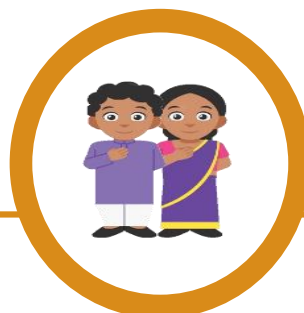
1	Ischaemic heart diseases	25.0%
2	Cerebrovascular diseases	16.7%
3	Pneumonia	16.7%

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



Cina (149 kematian)

1	Ischaemic heart diseases	20.8%
2	Pneumonia	15.4%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	4.0%
5	Malignant neoplasm of liver and intrahepatic bile ducts	3.4%

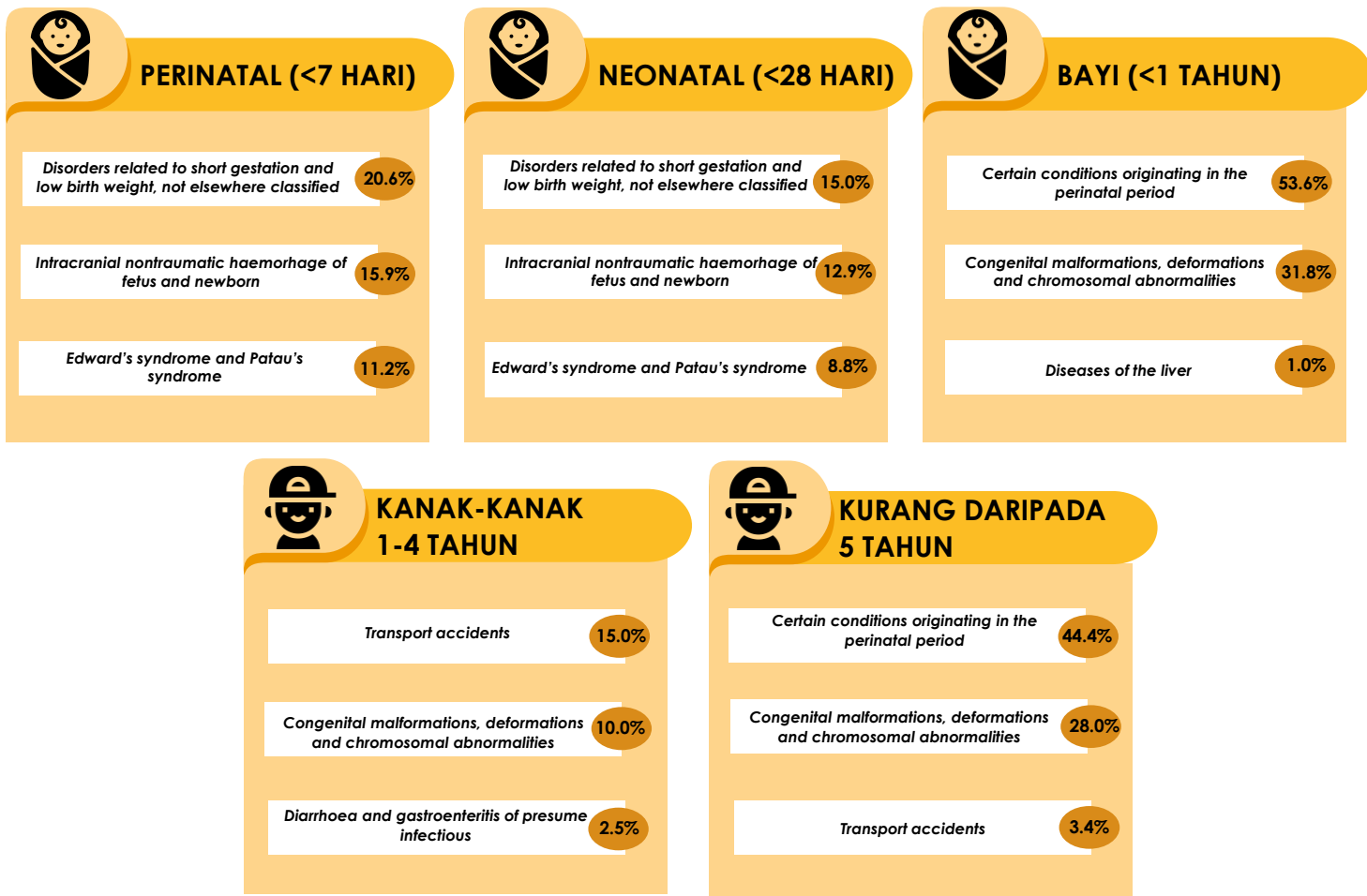


India (15 kematian)

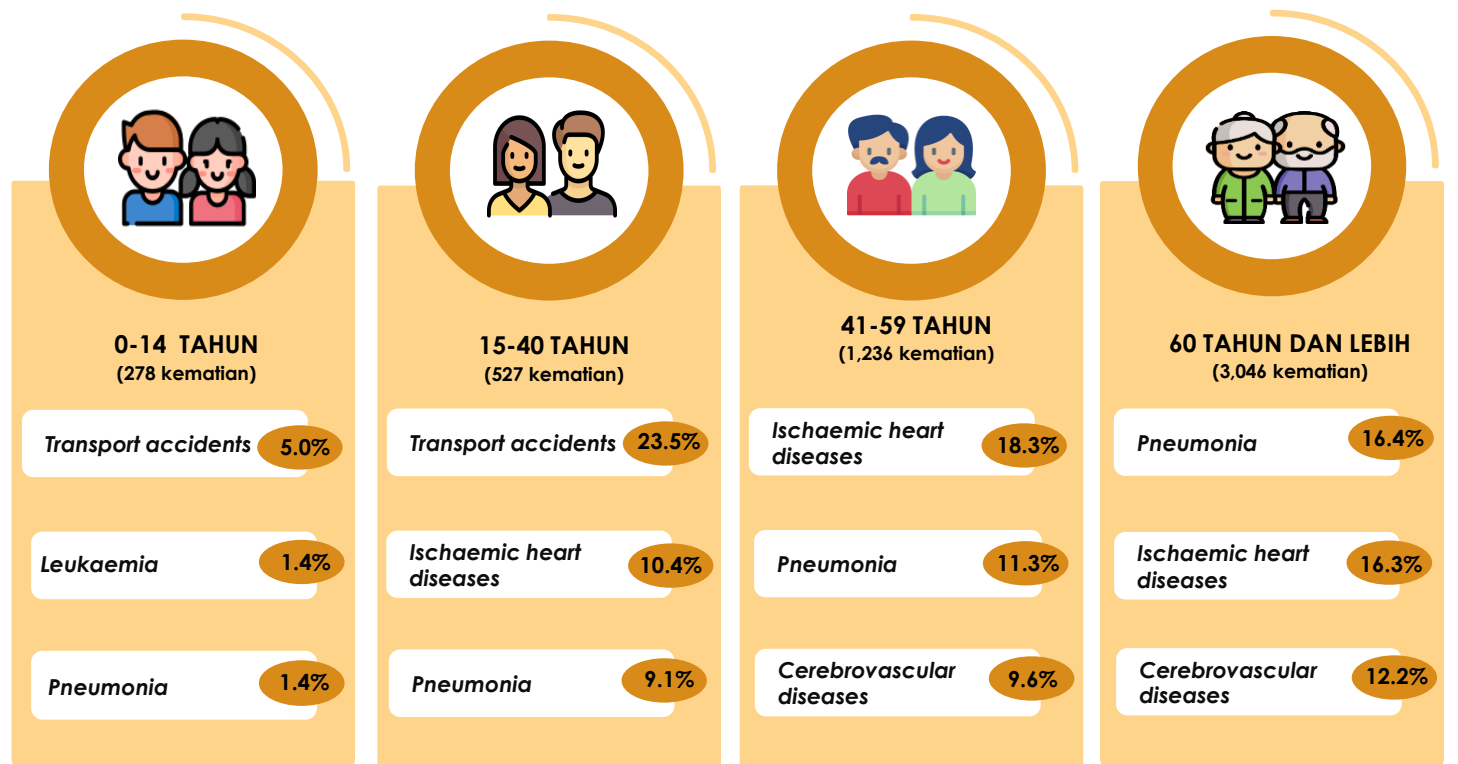
1	Ischaemic heart diseases	33.3%
2	Pneumonia	13.3%
3	Malignant neoplasm of liver and intrahepatic bile ducts	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	6.7%
5	Hypertensive diseases	6.7%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, TERENGGANU, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, TERENGGANU, 2023



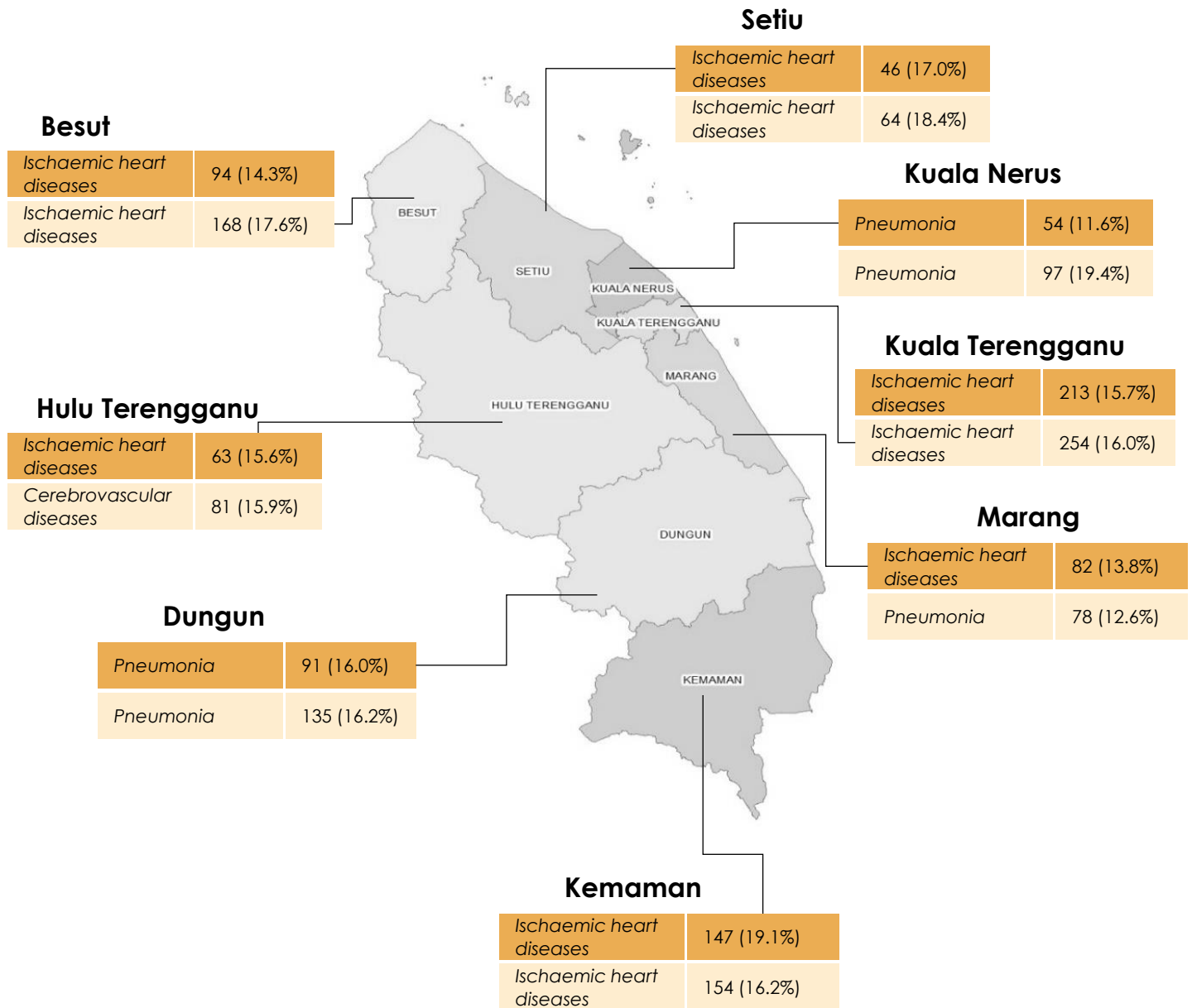
Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN MENGIKUT KUMPULAN UMUR, TERENGGANU, 2023**

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Transport accidents</i>	<i>Diabetes mellitus</i>
<b>Jumlah</b>	<b>776</b>	<b>692</b>	<b>514</b>	<b>214</b>	<b>197</b>
<b>0</b>	-	1 (0.1%)	-	2 (0.9%)	-
<b>1-4</b>	-	1 (0.1%)	-	6 (2.8%)	-
<b>5-9</b>	-	1 (0.1%)	-	-	-
<b>10-14</b>	-	1 (0.1%)	1 (0.2%)	6 (2.8%)	-
<b>15-19</b>	-	7 (1.0%)	-	39 (18.2%)	1 (0.5%)
<b>20-24</b>	2 (0.3%)	2 (0.3%)	-	39 (18.2%)	-
<b>25-29</b>	6 (0.8%)	8 (1.2%)	2 (0.4%)	11 (5.1%)	2 (1.0%)
<b>30-34</b>	12 (1.5%)	8 (1.2%)	4 (0.8%)	18 (8.4%)	2 (1.0%)
<b>35-39</b>	27 (3.5%)	21 (3.0%)	12 (2.3%)	17 (7.9%)	1 (0.5%)
<b>40-44</b>	31 (4.0%)	15 (2.2%)	14 (2.7%)	13 (6.1%)	2 (1.0%)
<b>45-49</b>	50 (6.4%)	32 (4.6%)	28 (5.4%)	11 (5.1%)	9 (4.6%)
<b>50-54</b>	59 (7.6%)	35 (5.1%)	31 (6.0%)	8 (3.7%)	15 (7.6%)
<b>55-59</b>	94 (12.1%)	60 (8.7%)	49 (9.5%)	9 (4.2%)	14 (7.1%)
<b>60-64</b>	127 (16.4%)	88 (12.7%)	60 (11.7%)	5 (2.3%)	22 (11.2%)
<b>65-69</b>	123 (15.9%)	93 (13.4%)	66 (12.8%)	9 (4.2%)	28 (14.2%)
<b>70-74</b>	83 (10.7%)	99 (14.3%)	66 (12.8%)	11 (5.1%)	36 (18.3%)
<b>75-79</b>	80 (10.3%)	103 (14.9%)	78 (15.2%)	5 (2.3%)	32 (16.2%)
<b>80-84</b>	46 (5.9%)	57 (8.2%)	63 (12.3%)	2 (0.9%)	17 (8.6%)
<b>85 dan lebih</b>	36 (4.6%)	60 (8.7%)	40 (7.8%)	3 (1.4%)	16 (8.1%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN, TERENGGANU



**Nota**

- Sebab kematian utama 2023
- Sebab kematian utama 2022

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



BILANGAN KEMATIAN, W.P KUALA LUMPUR, 2023



W.P KUALA LUMPUR



5,531 (57.3%)  
kematian



9,646  
kematian



4,115 (42.7%)  
kematian

kematian

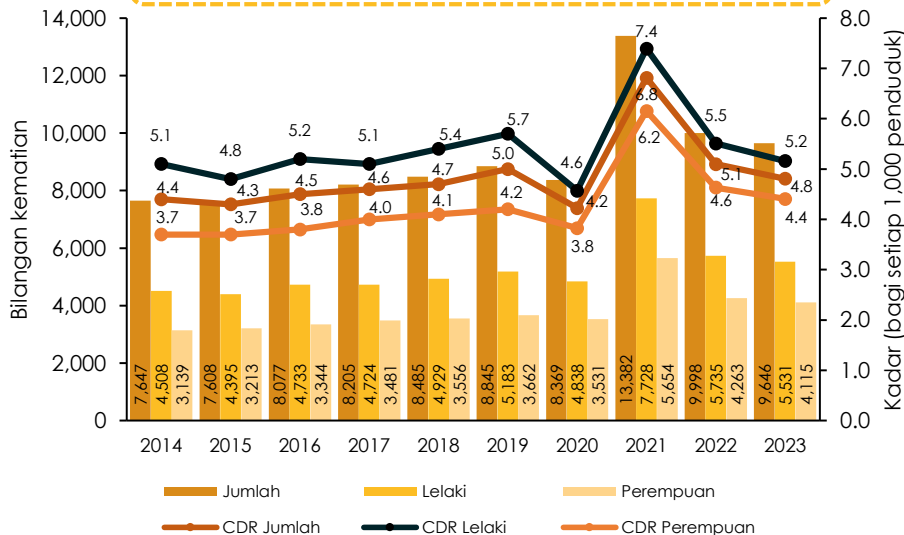
PURATA

1 kematian setiap jam

26 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR),  
W.P KUALA LUMPUR, 2014-2023

Kematian pada 2023 menurun **3.5 peratus** (352 kematian) berbanding 2022 (9,998 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



**Ischaemic heart diseases** merupakan sebab kematian utama di W.P. Kuala Lumpur tahun 2023

16.3%



Ischaemic heart diseases

18.5%



Pneumonia

14.8%



**Postpartum haemorrhage** merupakan sebab kematian utama bagi ibu bersalin

25.0%

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10,  
W.P. KUALA LUMPUR, 2023

1 Diseases of the circulatory system

30.4%  
30.7%

3 Neoplasms

18.6%  
16.6%

5 External causes of morbidity and mortality

6.1%  
6.4%

2 Diseases of the respiratory system

19.5%  
16.2%

4 Certain infectious and parasitic diseases

6.3%  
7.2%

Nota  
2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, W.P. KUALA LUMPUR, 2023



Melayu (2,375 kematian)

1	Ischaemic heart diseases	16.0%
2	Pneumonia	13.5%
3	Cerebrovascular diseases	6.7%
4	Transport accidents	3.6%
5	Malignant neoplasm of trachea, bronchus and lung	2.3%



Bumiputera Lain (53 kematian)

1	Ischaemic heart diseases	15.1%
2	Cerebrovascular diseases	9.4%
3	Pneumonia	9.4%
4	Malignant neoplasm of trachea, bronchus and lung	7.5%
5	Transport accidents	7.5%



Cina (2,953 kematian)

1	Pneumonia	15.8%
2	Ischaemic heart diseases	14.1%
3	Cerebrovascular diseases	7.7%
4	Malignant neoplasm of colon, rectum and anus	3.3%
5	Malignant neoplasm of trachea, bronchus and lung	3.0%

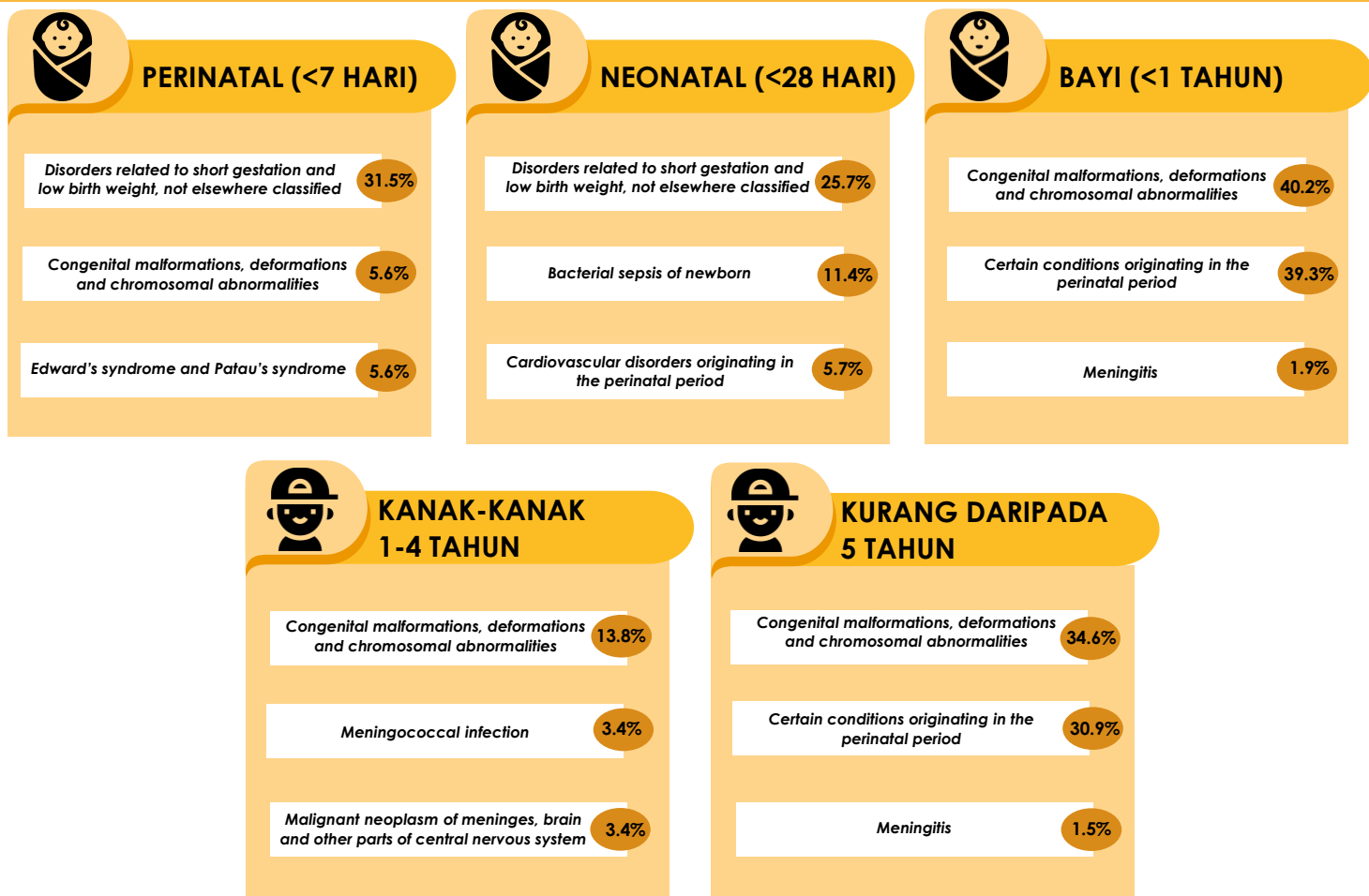


India (1,023 kematian)

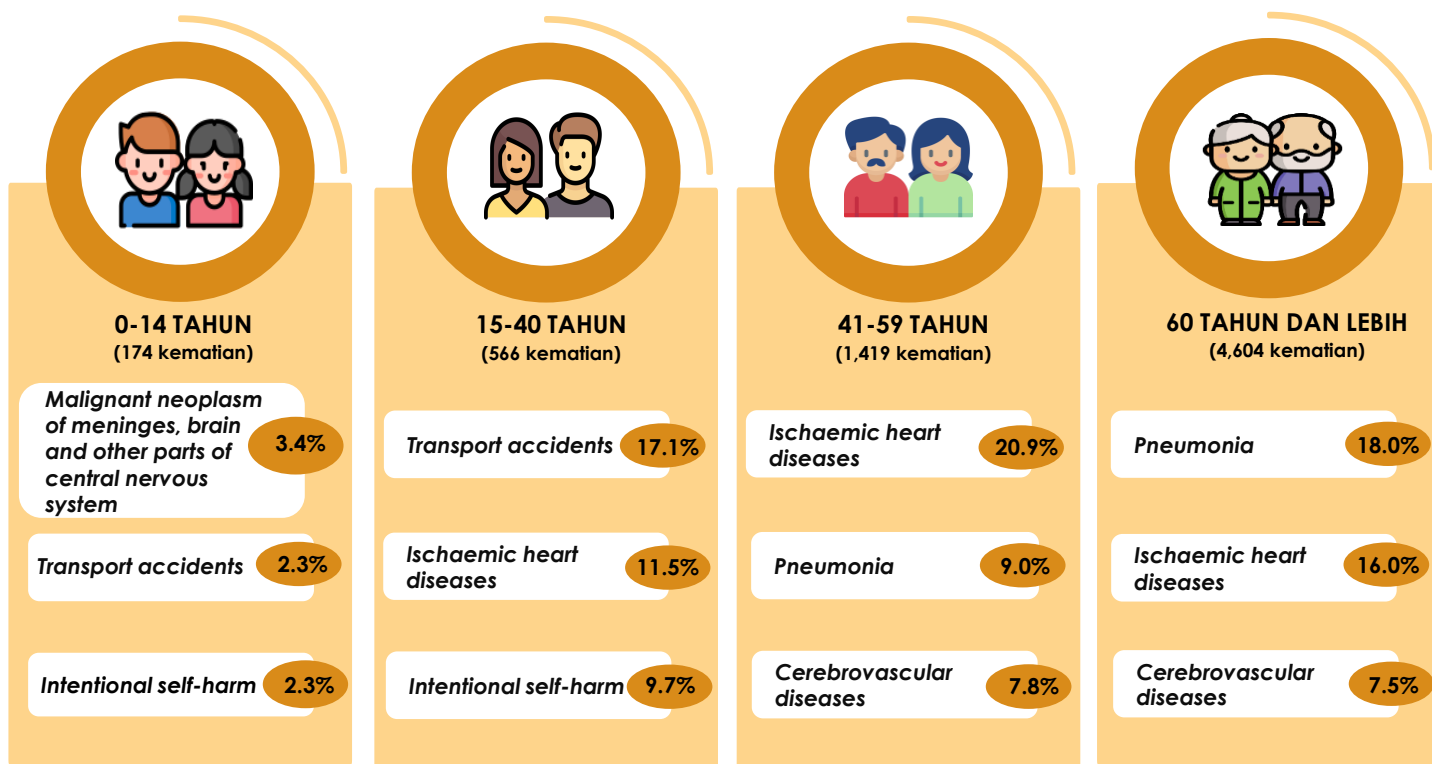
1	Ischaemic heart diseases	23.0%
2	Pneumonia	14.8%
3	Cerebrovascular diseases	5.4%
4	Diabetes mellitus	2.6%
5	Transport accidents	2.3%

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, W.P. KUALA LUMPUR, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, W.P. KUALA LUMPUR, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, W.P. KUALA LUMPUR, 2023**

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Malignant neoplasm of trachea, bronchus and lung</i>	<i>Malignant neoplasm of colon, rectum and anus</i>
<b>Jumlah</b>	<b>1,099</b>	<b>989</b>	<b>472</b>	<b>165</b>	<b>158</b>
<b>0</b>	-	-	-	-	-
<b>1-4</b>	-	1 (0.1%)	-	-	-
<b>5-9</b>	-	2 (0.2%)	-	-	-
<b>10-14</b>	-	-	1 (0.2%)	-	-
<b>15-19</b>	-	3 (0.3%)	-	-	-
<b>20-24</b>	6 (0.5%)	5 (0.5%)	-	-	-
<b>25-29</b>	4 (0.4%)	1 (0.1%)	-	2 (1.2%)	1 (0.6%)
<b>30-34</b>	10 (0.9%)	12 (1.2%)	5 (1.1%)	1 (0.6%)	3 (1.9%)
<b>35-39</b>	36 (3.3%)	8 (0.8%)	6 (1.3%)	1 (0.6%)	3 (1.9%)
<b>40-44</b>	46 (4.2%)	12 (1.2%)	15 (3.2%)	3 (1.8%)	7 (4.4%)
<b>45-49</b>	62 (5.6%)	37 (3.7%)	32 (6.8%)	9 (5.5%)	6 (3.8%)
<b>50-54</b>	81 (7.4%)	27 (2.7%)	22 (4.7%)	9 (5.5%)	12 (7.6%)
<b>55-59</b>	116 (10.6%)	54 (5.5%)	45 (9.5%)	11 (6.7%)	18 (11.4%)
<b>60-64</b>	131 (11.9%)	79 (8.0%)	55 (11.7%)	25 (15.2%)	18 (11.4%)
<b>65-69</b>	163 (14.8%)	104 (10.5%)	50 (10.6%)	28 (17.0%)	17 (10.8%)
<b>70-74</b>	134 (12.2%)	138 (14.0%)	57 (12.1%)	30 (18.2%)	29 (18.4%)
<b>75-79</b>	100 (9.1%)	141 (14.3%)	58 (12.3%)	28 (17.0%)	18 (11.4%)
<b>80-84</b>	106 (9.6%)	171 (17.3%)	60 (12.7%)	9 (5.5%)	12 (7.6%)
<b>85 dan lebih</b>	104 (9.5%)	194 (19.6%)	66 (14.0%)	9 (5.5%)	14 (8.9%)

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

BILANGAN KEMATIAN, W.P LABUAN, 2023



W.P. LABUAN



194 (58.3%)  
kematian



333  
kematian



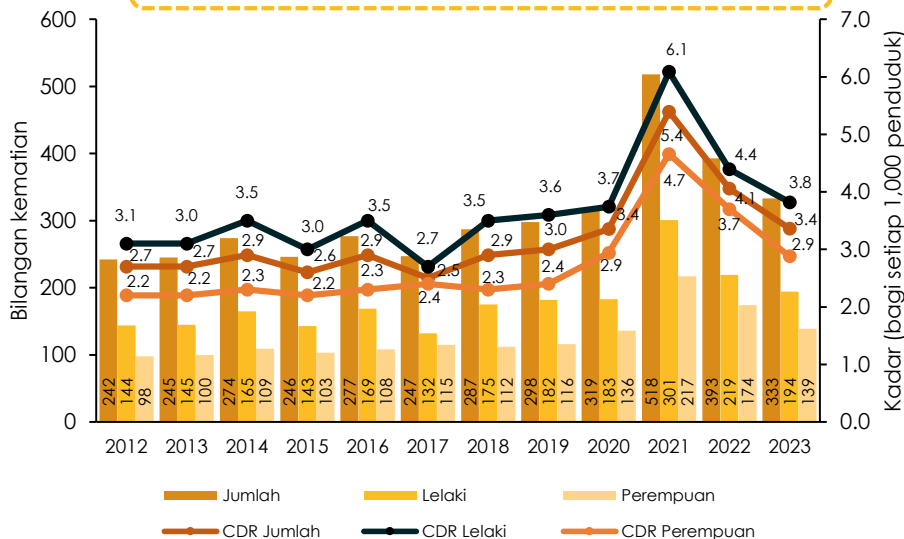
139 (41.7%)  
kematian

PURATA

1 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), W.P. LABUAN, 2014-2023

Kematian pada 2023 menurun **15.3 peratus** (60 kematian) berbanding 2022 (393 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



**Pneumonia** merupakan sebab kematian utama di W.P. Labuan tahun 2023

13.6%



Pneumonia

15.3%



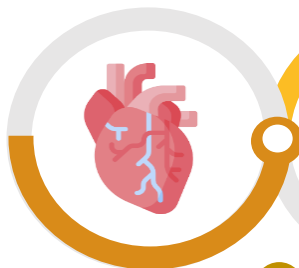
Cerebrovascular diseases

13.4%

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, W.P. LABUAN, 2023

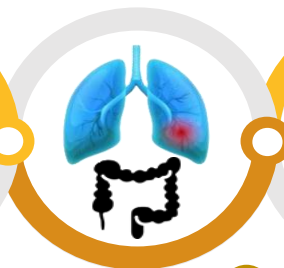
1 Diseases of the circulatory system

27.2%  
38.1%



3 Neoplasms

15.0%  
12.6%



2 Diseases of the respiratory system

18.4%  
17.8%



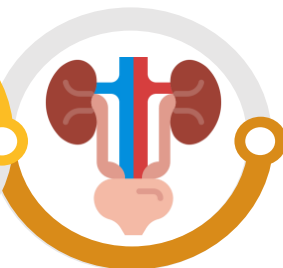
4 Certain infectious and parasitic diseases

10.2%  
3.8%



5 Diseases of the digestive system

5.3%  
4.9%



Nota  
2023  
2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, W.P. LABUAN, 2023



Melayu (84 kematian)

1	Pneumonia	10.7%
2	Ischaemic heart diseases	9.5%
3	Malignant neoplasm of colon, rectum and anus	6.0%
4	Cerebrovascular diseases	6.0%
5	Transport accidents	4.8%



Bumiputera Lain (55 kematian)

1	Cerebrovascular diseases	14.5%
2	Ischaemic heart diseases	12.7%
3	Pneumonia	9.1%
4	Diarrhoea and gastroenteritis of presumed infectious origin	3.6%
5	Respiratory tuberculosis	3.6%



Cina (49 kematian)

1	Pneumonia	18.4%
2	Ischaemic heart diseases	10.2%
3	Cerebrovascular diseases	8.2%
4	Malignant neoplasm of trachea, bronchus and lung	4.1%
5	Diseases of the liver	4.1%



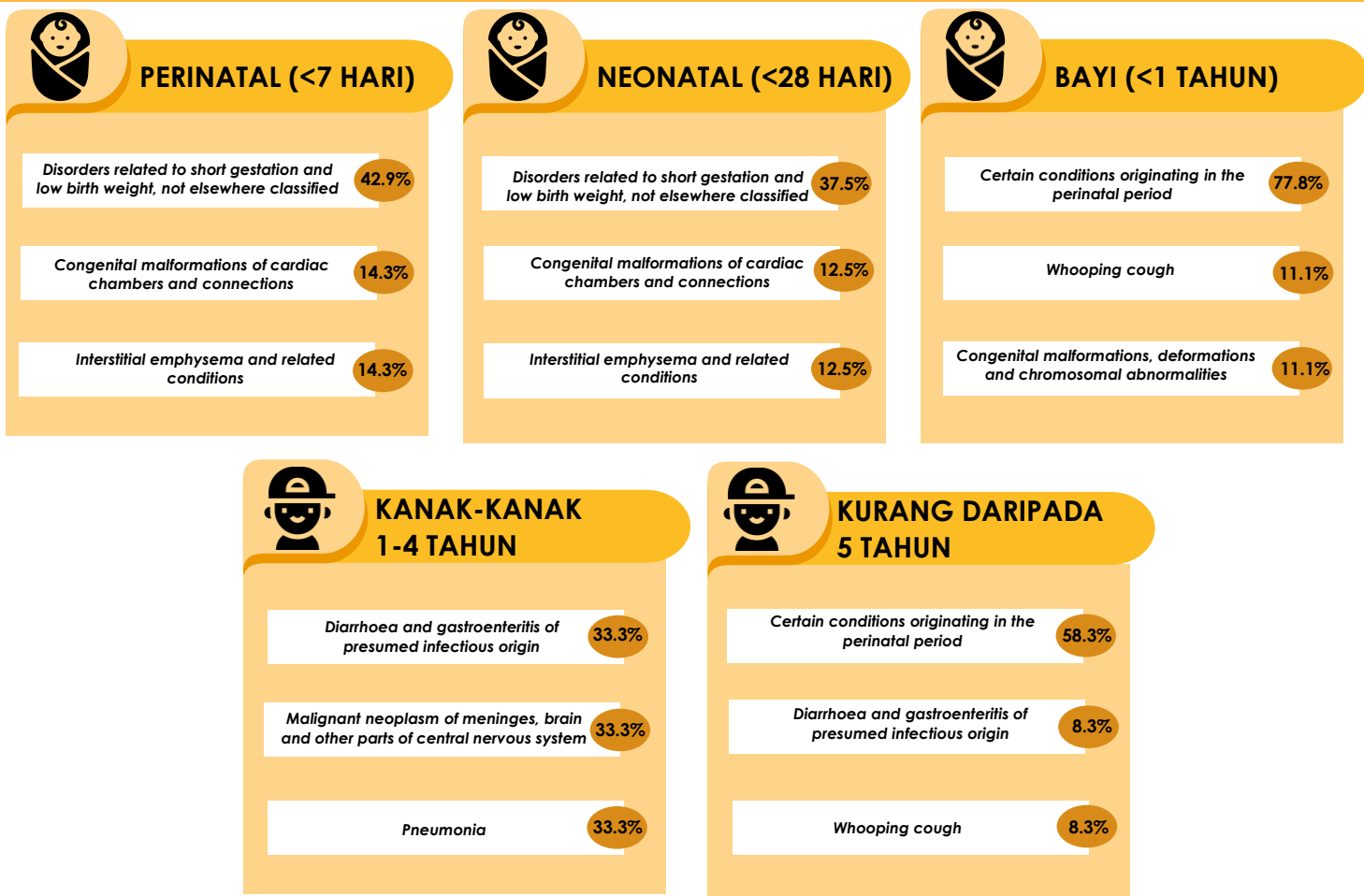
India (1 kematian)

1	Pneumonia	100.0%
---	-----------	--------

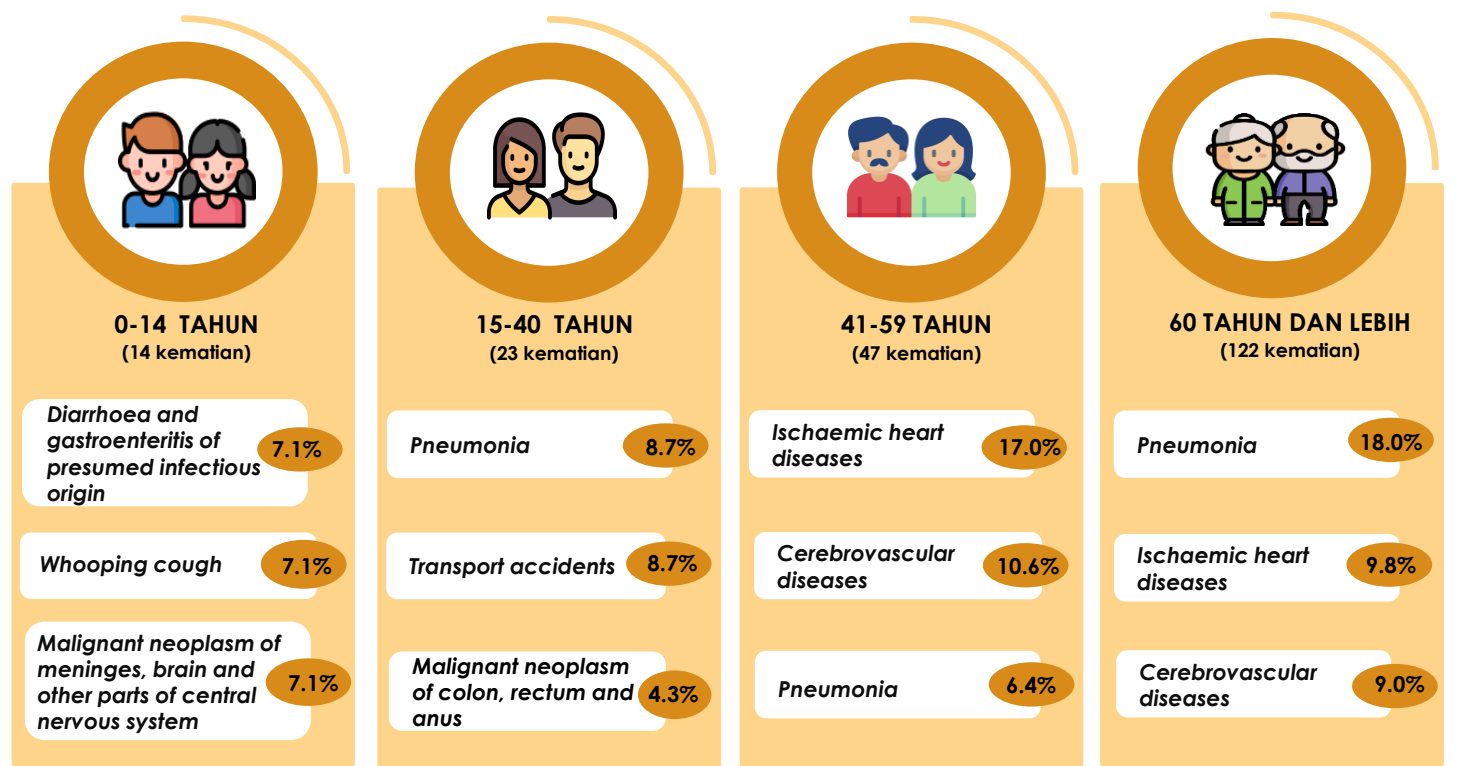
Nota : Tiada sebab kematian ke-2 hingga ke-5 direkodkan bagi etnik India.

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI, W.P. LABUAN, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR, W.P. LABUAN, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, W.P. LABUAN, 2023**

Kumpulan umur	<i>Pneumonia</i>	<i>Ischaemic heart diseases</i>	<i>Cerebrovascular diseases</i>	<i>Malignant neoplasm of colon, rectum and anus</i>	<i>Transport accidents</i>
<b>Jumlah</b>	<b>28</b>	<b>21</b>	<b>17</b>	<b>6</b>	<b>6</b>
<b>0</b>	-	-	-	-	-
<b>1-4</b>	1 (3.6%)	-	-	-	-
<b>5-9</b>	-	-	-	-	-
<b>10-14</b>	-	-	-	-	1 (16.7%)
<b>15-19</b>	-	-	-	-	1 (16.7%)
<b>20-24</b>	-	-	-	-	-
<b>25-29</b>	-	-	-	-	1 (16.7%)
<b>30-34</b>	-	1 (4.8%)	1 (5.9%)	-	-
<b>35-39</b>	1 (3.6%)	-	-	1 (16.7%)	-
<b>40-44</b>	2 (7.1%)	-	-	-	-
<b>45-49</b>	-	1 (4.8%)	1 (5.9%)	-	1 (16.7%)
<b>50-54</b>	-	3 (14.3%)	2 (11.8%)	-	-
<b>55-59</b>	2 (7.1%)	4 (19.0%)	2 (11.8%)	-	1 (16.7%)
<b>60-64</b>	5 (17.9%)	4 (19.0%)	1 (5.9%)	3 (50.0%)	-
<b>65-69</b>	2 (7.1%)	3 (14.3%)	2 (11.8%)	1 (16.7%)	1 (16.7%)
<b>70-74</b>	2 (7.1%)	2 (9.5%)	2 (11.8%)	-	-
<b>75-79</b>	6 (21.4%)	2 (9.5%)	3 (17.6%)	1 (16.7%)	-
<b>80-84</b>	4 (14.3%)	1 (4.8%)	1 (5.9%)	-	-
<b>85 dan lebih</b>	3 (10.7%)	-	2 (11.8%)	-	-

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan



BILANGAN KEMATIAN, W.P. PUTRAJAYA, 2023



W.P. PUTRAJAYA



165 (58.1%)  
kematian



284  
kematian



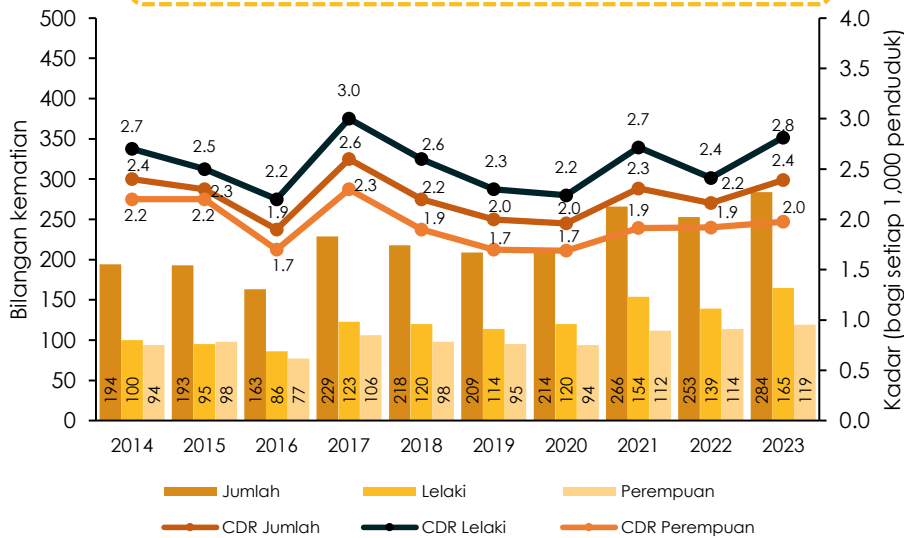
119 (41.9%)  
kematian

PURATA

1 kematian setiap hari

SIRI MASA KEMATIAN DAN KADAR KEMATIAN KASAR (CDR), W.P. PUTRAJAYA, 2014-2023

Kematian pada 2023 peningkatan **12.3 peratus** (31 kematian) berbanding 2022 (253 kematian)



SEBAB KEMATIAN UTAMA<sup>1</sup>



**Ischaemic heart diseases** merupakan sebab kematian utama di W.P. Putrajaya tahun 2023

16.0%



Ischaemic heart diseases

21.1%



Pneumonia

12.7%



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

33.3%

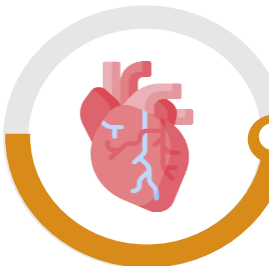
merupakan sebab kematian utama bagi ibu bersalin

LIMA SEBAB KEMATIAN UTAMA<sup>1</sup> MENGIKUT BAB ICD-10, W.P. PUTRAJAYA, 2023

1 Diseases of the circulatory system

29.4%

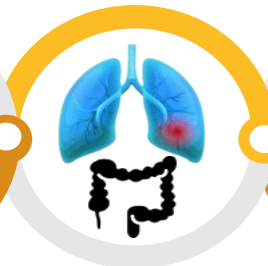
28.3%



3 Diseases of the respiratory system

11.8%

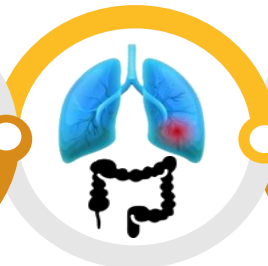
14.8%



2 Neoplasms

22.1%

16.1%



4 External causes of morbidity and mortality

9.2%

5.7%



5 Certain infectious and parasitic diseases

5.7%

7.4%



Nota

	2023
	2022

Nota: <sup>1</sup>Analisis berdasarkan sebab kematian yang disahkan secara perubatan

LIMA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK, W.P. PUTRAJAYA, 2023



Melayu (245 kematian)

1	Ischaemic heart diseases	15.9%
2	Pneumonia	7.8%
3	Cerebrovascular diseases	6.9%
4	Malignant neoplasm of colon, rectum and anus	5.7%
5	Transport accidents	3.7%



Bumiputera Lain (5 kematian)

1	Transport accidents	60.0%
2	Ischaemic heart diseases	20.0%
3	Cerebrovascular diseases	20.0%

Nota : Tiada sebab kematian ke-4 dan ke-5 direkodkan bagi etnik Bumiputera Lain.



Cina (7 kematian)

1	Malignant neoplasm of trachea, bronchus and lung	14.3%
2	Alzheimer disease	14.3%
3	Ischaemic heart diseases	14.3%

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



India (5 kematian)

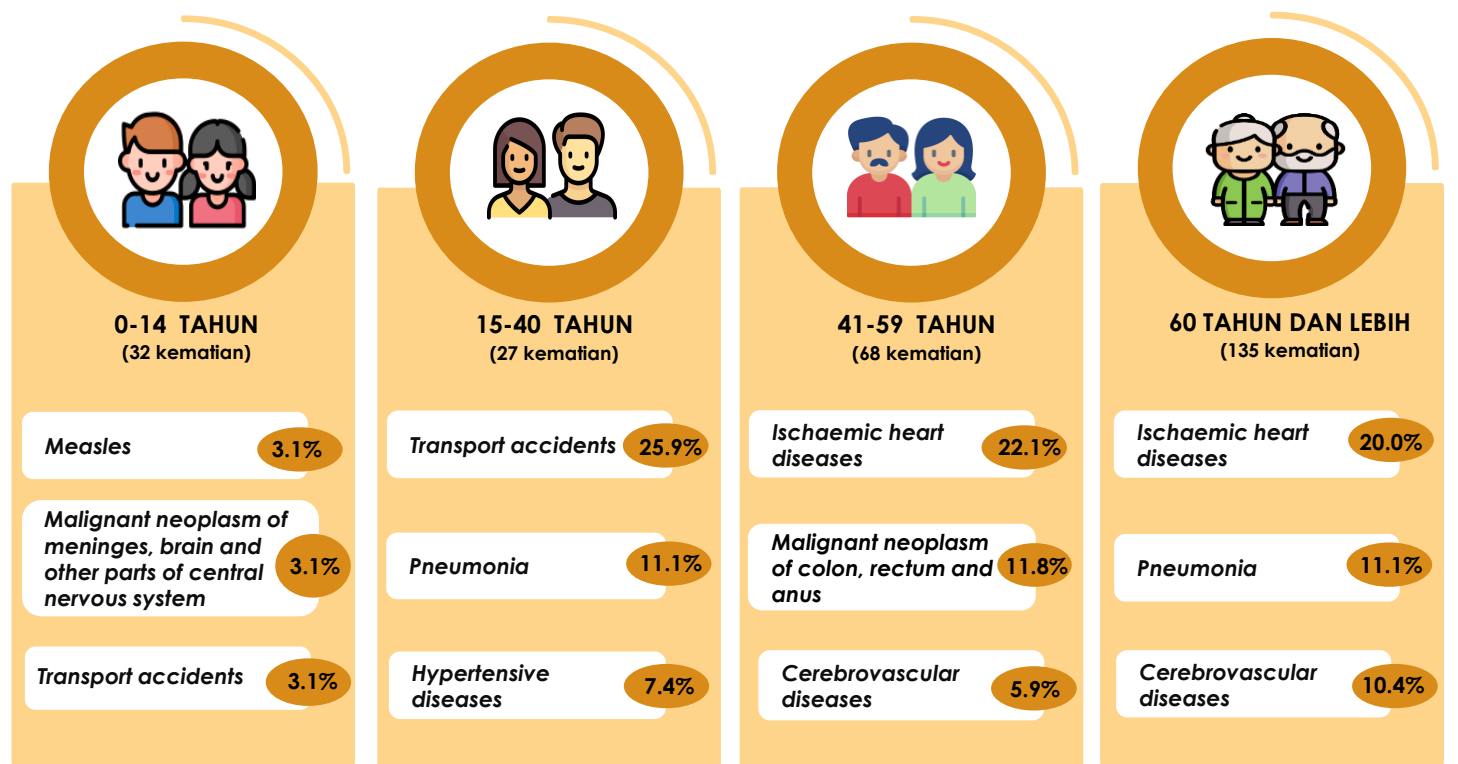
1	Pneumonia	40.0%
2	Ischaemic heart diseases	20.0%

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

TIGA SEBAB KEMATIAN UTAMA MENGIKUT KATEGORI,  
W.P. PUTRAJAYA, 2023



TIGA SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR,  
W.P. PUTRAJAYA, 2023



Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

**SEBAB KEMATIAN TERPILIH YANG DISAHKAN SECARA PERUBATAN  
MENGIKUT KUMPULAN UMUR, W.P. PUTRAJAYA, 2023**

Kumpulan umur	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>	<i>Cerebrovascular diseases</i>	<i>Malignant neoplasm of colon, rectum and anus</i>	<i>Transport accidents</i>
<b>Jumlah</b>	<b>42</b>	<b>21</b>	<b>18</b>	<b>14</b>	<b>12</b>
<b>0</b>	-	-	-	-	-
<b>1-4</b>	-	-	-	-	-
<b>5-9</b>	-	-	-	-	1 (8.3%)
<b>10-14</b>	-	-	-	-	-
<b>15-19</b>	-	-	-	-	2 (16.7%)
<b>20-24</b>	-	-	-	-	3 (25.0%)
<b>25-29</b>	-	1 (4.8%)	-	-	1 (8.3%)
<b>30-34</b>	-	1 (4.8%)	-	-	-
<b>35-39</b>	-	-	-	-	1 (8.3%)
<b>40-44</b>	2 (4.8%)	1 (4.8%)	3 (16.7%)	1 (7.1%)	1 (8.3%)
<b>45-49</b>	5 (11.9%)	2 (9.5%)	1 (5.6%)	1 (7.1%)	2 (16.7%)
<b>50-54</b>	2 (4.8%)	1 (4.8%)	-	4 (28.6%)	1 (8.3%)
<b>55-59</b>	6 (14.3%)	-	-	2 (14.3%)	-
<b>60-64</b>	4 (9.5%)	1 (4.8%)	5 (27.8%)	4 (28.6%)	-
<b>65-69</b>	8 (19.0%)	7 (33.3%)	2 (11.1%)	-	-
<b>70-74</b>	4 (9.5%)	1 (4.8%)	2 (11.1%)	1 (7.1%)	-
<b>75-79</b>	6 (14.3%)	4 (19.0%)	2 (11.1%)	1 (7.1%)	-
<b>80-84</b>	2 (4.8%)	1 (4.8%)	2 (11.1%)	-	-
<b>85 dan lebih</b>	3 (7.1%)	1 (4.8%)	1 (5.6%)	-	-

Nota: Analisis berdasarkan sebab kematian yang disahkan secara perubatan

*CAUSES OF  
DEATHS BY STATE  
AT A GLANCE*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, MALAYSIA, 2023



MALAYSIA



112,293 (57.0%)  
deaths



196,965  
deaths



84,672 (43.0%)  
deaths

AVERAGE

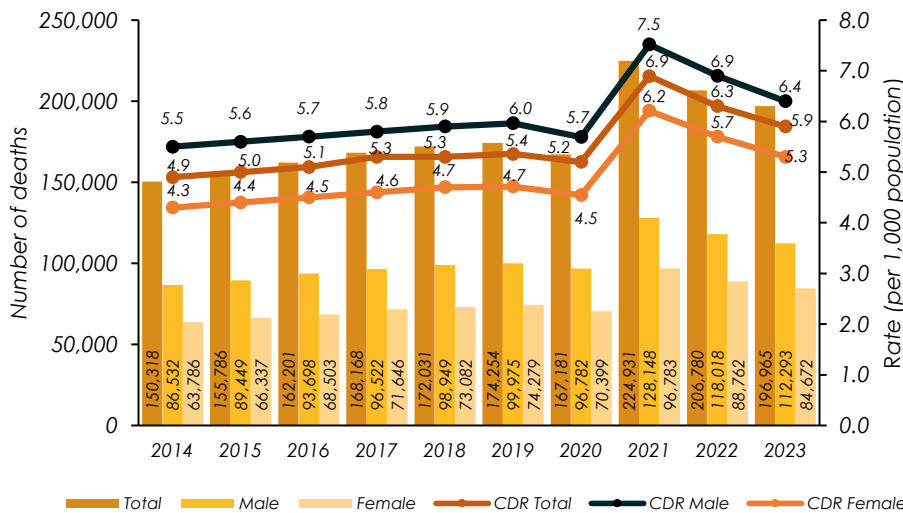
1 death per 3 minutes

22 deaths per hour

540 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), MALAYSIA, 2014-2023

The number of deaths in 2023 decreased 4.7 per cent (9,815 deaths) as compared to 2022 (206,780 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Pneumonia

was the principal causes of death in Malaysia in 2023

15.2%



Ischaemic heart diseases

17.6%



Pneumonia

16.4%



Ectopic pregnancy

15.4%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10 MALAYSIA, 2023

1 Diseases of the circulatory system

29.4%  
30.4%

3 Neoplasms

13.8%  
12.6%

5 External causes of morbidity and mortality

7.4%  
6.8%

2 Diseases of the respiratory system

20.6%  
18.5%

4 Certain infectious and parasitic diseases

7.7%  
7.4%

Notes:

2023
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, MALAYSIA, 2023



Malay (64,914 deaths)

1	Ischaemic heart diseases	16.0%
2	Pneumonia	15.3%
3	Cerebrovascular diseases	7.9%
4	Transport accidents	4.2%
5	Diabetes mellitus	2.0%



Other Bumiputera (10,306 deaths)

1	Pneumonia	12.2%
2	Ischaemic heart diseases	8.0%
3	Cerebrovascular diseases	6.9%
4	Chronic lower respiratory diseases	3.1%
5	Transport accidents	2.9%



Chinese (29,733 deaths)

1	Pneumonia	16.4%
2	Ischaemic heart diseases	14.0%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	3.0%
5	Malignant neoplasm of colon, rectum and anus	2.9%



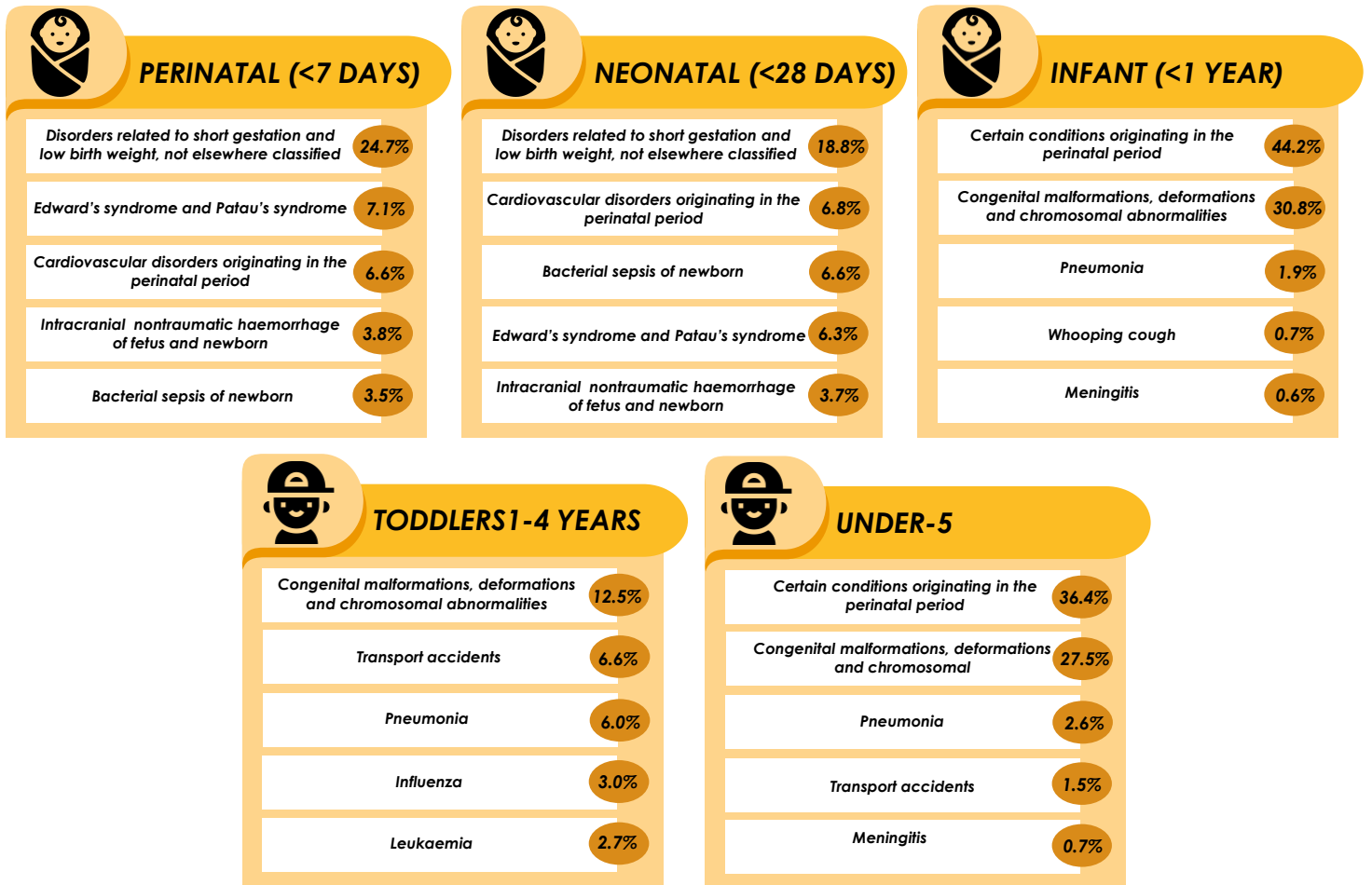
Indians (11,439 deaths)

1	Ischaemic heart diseases	20.6%
2	Pneumonia	14.3%
3	Cerebrovascular diseases	5.4%
4	Transport accidents	4.7%
5	Diseases of the liver	2.7%

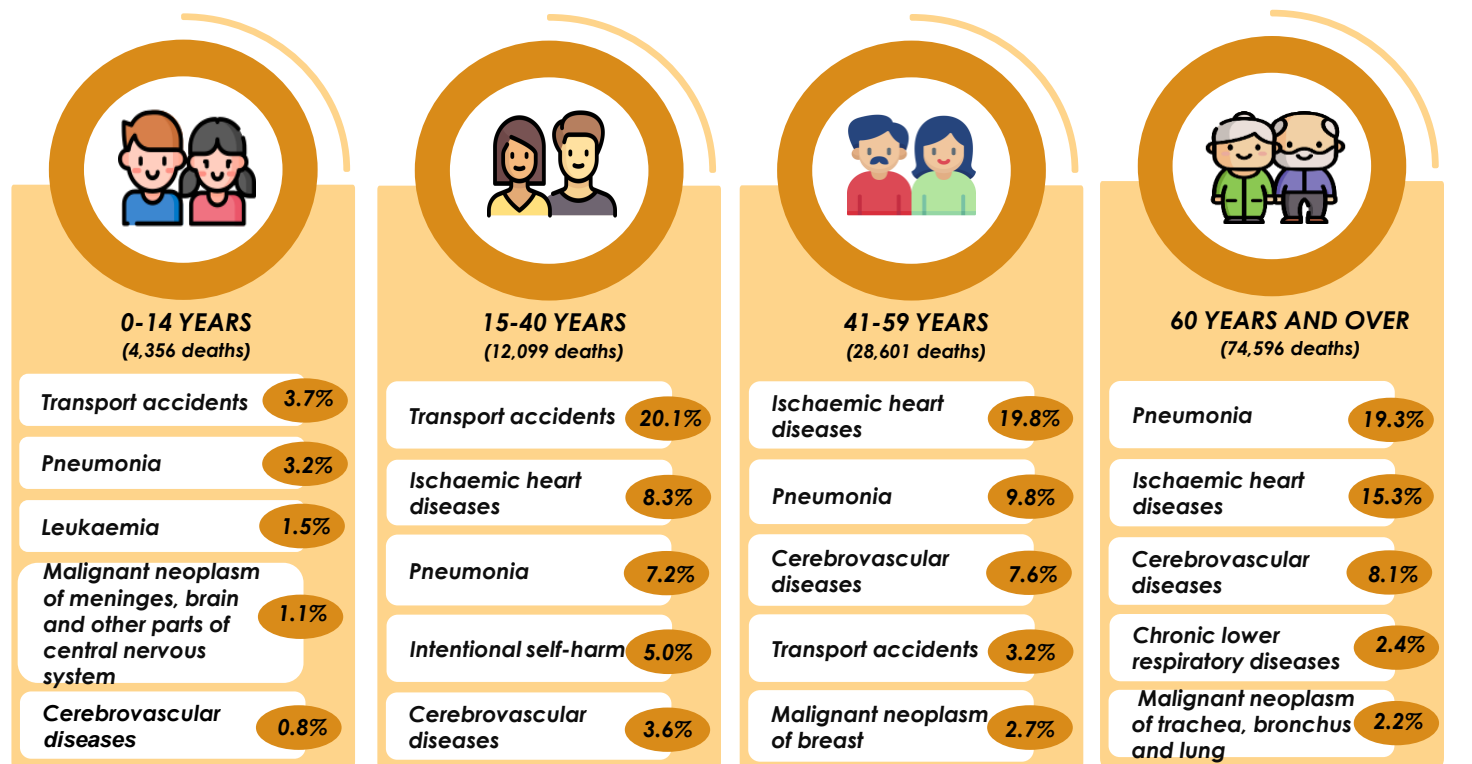
Note: The analysis is based on medically certified deaths



FIVE PRINCIPAL CAUSES OF DEATH BY CATEGORY, MALAYSIA, 2023



FIVE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, MALAYSIA, 2023



Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, MALAYSIA, 2023**

Age group	Pneumonia	Ischaemic heart diseases	Cerebrovascular diseases	Transport accidents	Malignant neoplasm of trachea, bronchus and lung
<b>Total</b>	<b>18,181</b>	<b>18,121</b>	<b>8,657</b>	<b>4,244</b>	<b>2,373</b>
<b>0</b>	54 (0.3%)	-	-	12 (0.3%)	-
<b>1-4</b>	36 (0.2%)	-	-	40 (0.9%)	-
<b>5-9</b>	21 (0.1%)	-	-	20 (0.5%)	-
<b>10-14</b>	28 (0.2%)	-	7 (0.1%)	90 (2.1%)	-
<b>15-19</b>	54 (0.3%)	4 (0.0%)	16 (0.2%)	616 (14.5%)	-
<b>20-24</b>	89 (0.5%)	34 (0.2%)	22 (0.3%)	642 (15.1%)	2 (0.1%)
<b>25-29</b>	133 (0.7%)	93 (0.5%)	44 (0.5%)	432 (10.2%)	12 (0.5%)
<b>30-34</b>	202 (1.1%)	236 (1.3%)	88 (1.0%)	364 (8.6%)	12 (0.5%)
<b>35-39</b>	308 (1.7%)	476 (2.6%)	211 (2.4%)	334 (7.9%)	31 (1.3%)
<b>40-44</b>	401 (2.2%)	877 (4.8%)	321 (3.7%)	272 (6.4%)	66 (2.8%)
<b>45-49</b>	574 (3.2%)	1,253 (6.9%)	495 (5.7%)	253 (6.0%)	115 (4.8%)
<b>50-54</b>	747 (4.1%)	1,599 (8.8%)	598 (6.9%)	223 (5.3%)	194 (8.2%)
<b>55-59</b>	1,157 (6.4%)	2,100 (11.6%)	813 (9.4%)	215 (5.1%)	285 (12.0%)
<b>60-64</b>	1,640 (9.0%)	2,259 (12.5%)	970 (11.2%)	206 (4.9%)	370 (15.6%)
<b>65-69</b>	2,268 (12.5%)	2,431 (13.4%)	1,076 (12.4%)	173 (4.1%)	421 (17.7%)
<b>70-74</b>	2,637 (14.5%)	2,223 (12.3%)	1,133 (13.1%)	179 (4.2%)	360 (15.2%)
<b>75-79</b>	2,668 (14.7%)	1,770 (9.8%)	1,052 (12.2%)	99 (2.3%)	268 (11.3%)
<b>80-84</b>	2,392 (13.2%)	1,414 (7.8%)	884 (10.2%)	48 (1.1%)	155 (6.5%)
<b>85 and over</b>	2,772 (15.2%)	1,352 (7.5%)	927 (10.7%)	26 (0.6%)	82 (3.5%)

Note: The analysis is based on medically certified deaths

NUMBER OF DEATHS, JOHOR, 2023



JOHOR



14,200 (57.5%)  
deaths



24,705  
deaths



10,505 (42.5%)  
deaths

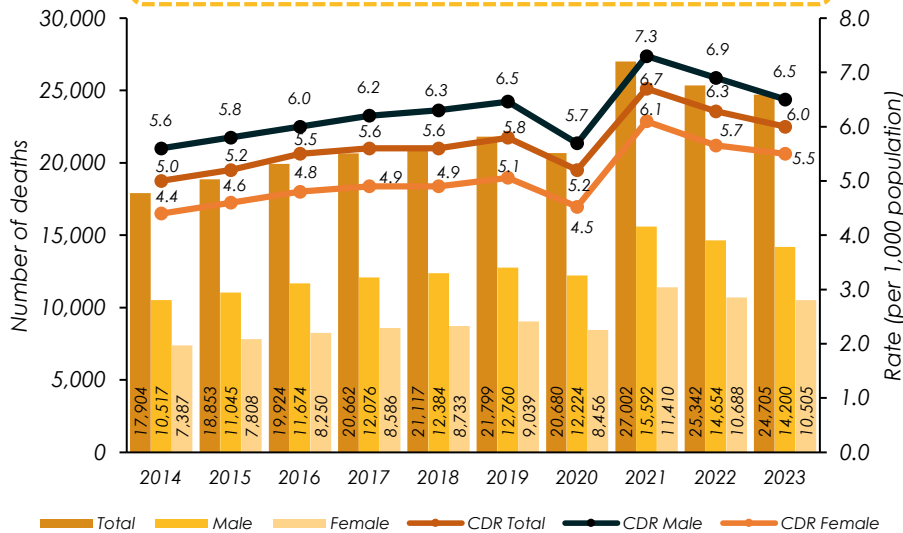
AVERAGE

3 deaths per hour

68 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), JOHOR, 2014-2023

The number of deaths in 2023 decreased 2.5 per cent (637 deaths) as compared to 2022 (25,342 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Ischaemic heart diseases

was the principal causes of death in Johor in 2023

16.6%



Ischaemic heart diseases

19.1%



Pneumonia

17.1%



Ectopic pregnancy

was the principal causes of death for maternal

25.0%

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10 JOHOR, 2023

1 Diseases of the circulatory system

31.2%

31.8%

3 Neoplasms

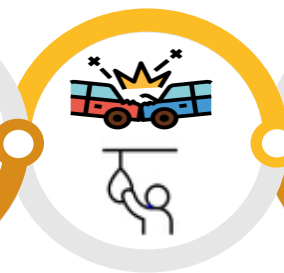
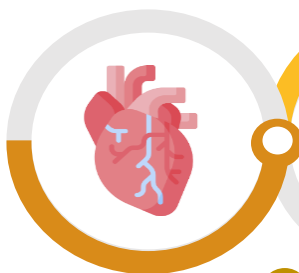
12.8%

12.3%

5 Certain infectious and parasitic diseases

7.5%

7.6%



2 Diseases of the respiratory system

21.2%

18.7%

4 External causes of morbidity and mortality

8.3%

6.8%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, JOHOR, 2023



Malay (8,728 deaths)

1	Ischaemic heart diseases	16.4%
2	Pneumonia	15.7%
3	Cerebrovascular diseases	7.1%
4	Transport accidents	4.5%
5	Hypertensive diseases	1.9%



Other Bumiputera (157 deaths)

1	Ischaemic heart diseases	20.4%
2	Pneumonia	10.2%
3	Cerebrovascular diseases	5.7%
4	Transport accidents	4.5%
5	Malignant neoplasm of liver and intrahepatic bile ducts	2.5%



Chinese (4,627 deaths)

1	Pneumonia	17.6%
2	Ischaemic heart diseases	15.5%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of colon, rectum and anus	2.9%
5	Malignant neoplasm of trachea, bronchus and lung	2.5%

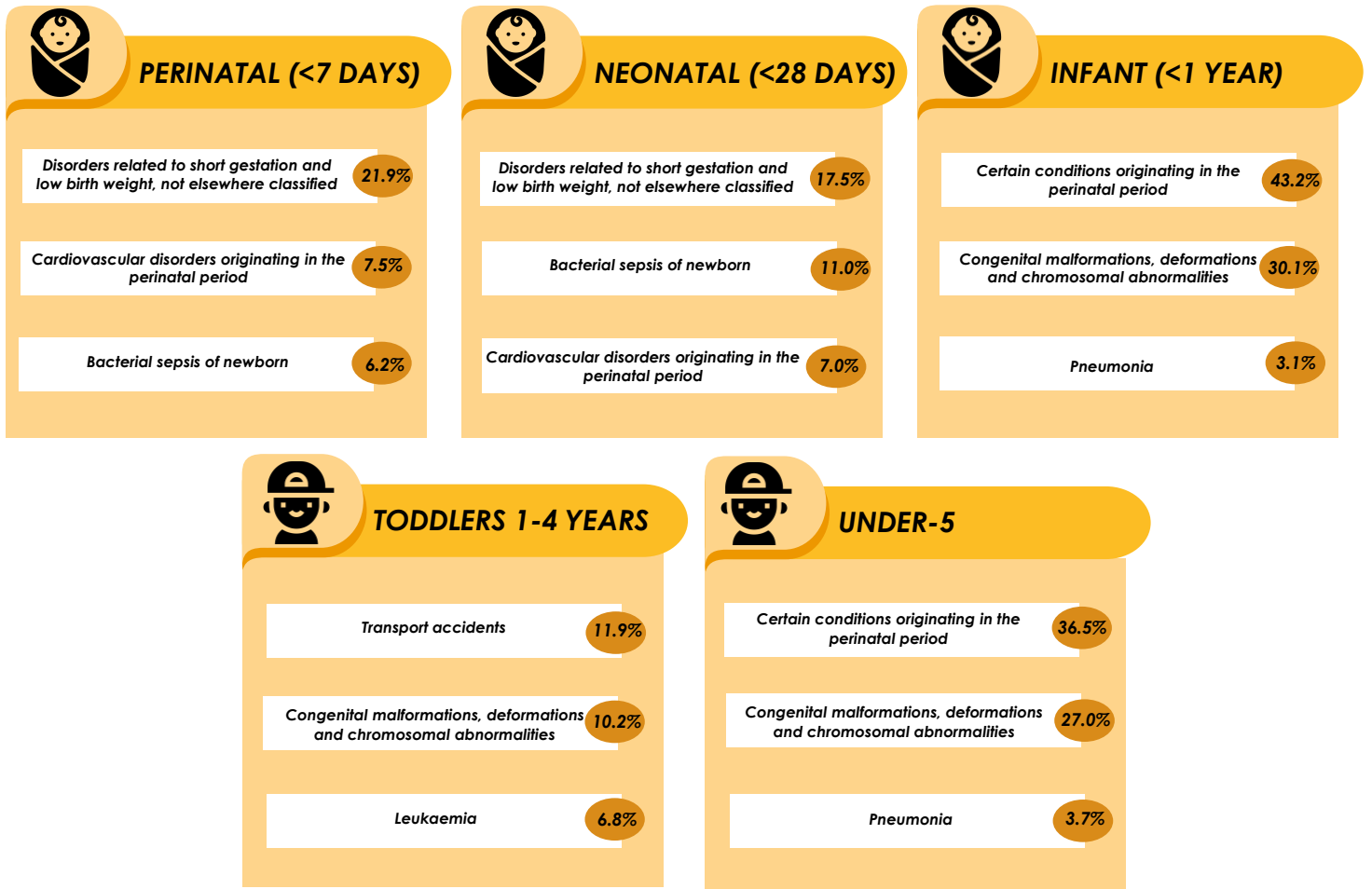


Indians (1,379 deaths)

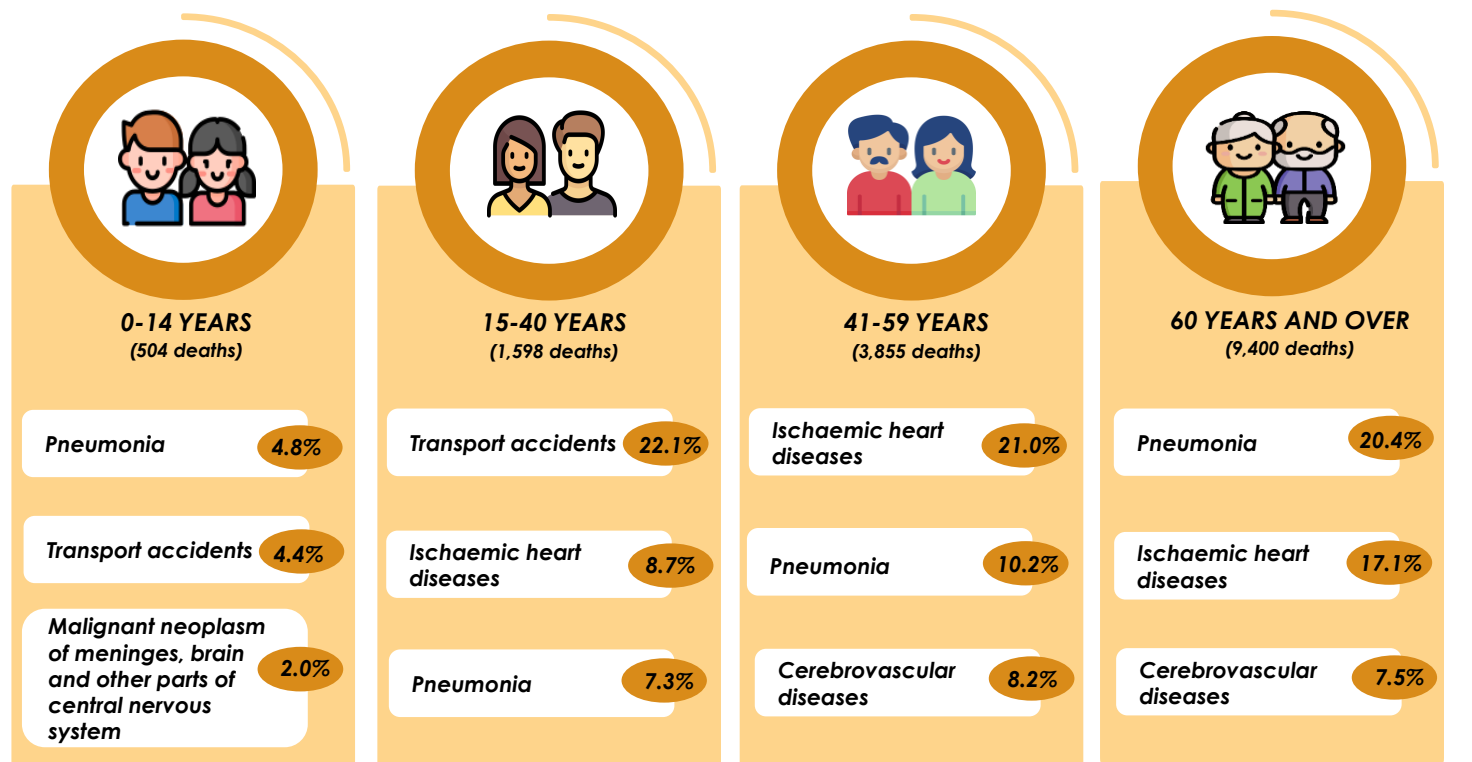
1	Ischaemic heart diseases	22.3%
2	Pneumonia	13.4%
3	Transport accidents	6.0%
4	Cerebrovascular diseases	5.6%
5	Intentional self-harm	2.2%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, JOHOR, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, JOHOR, 2023



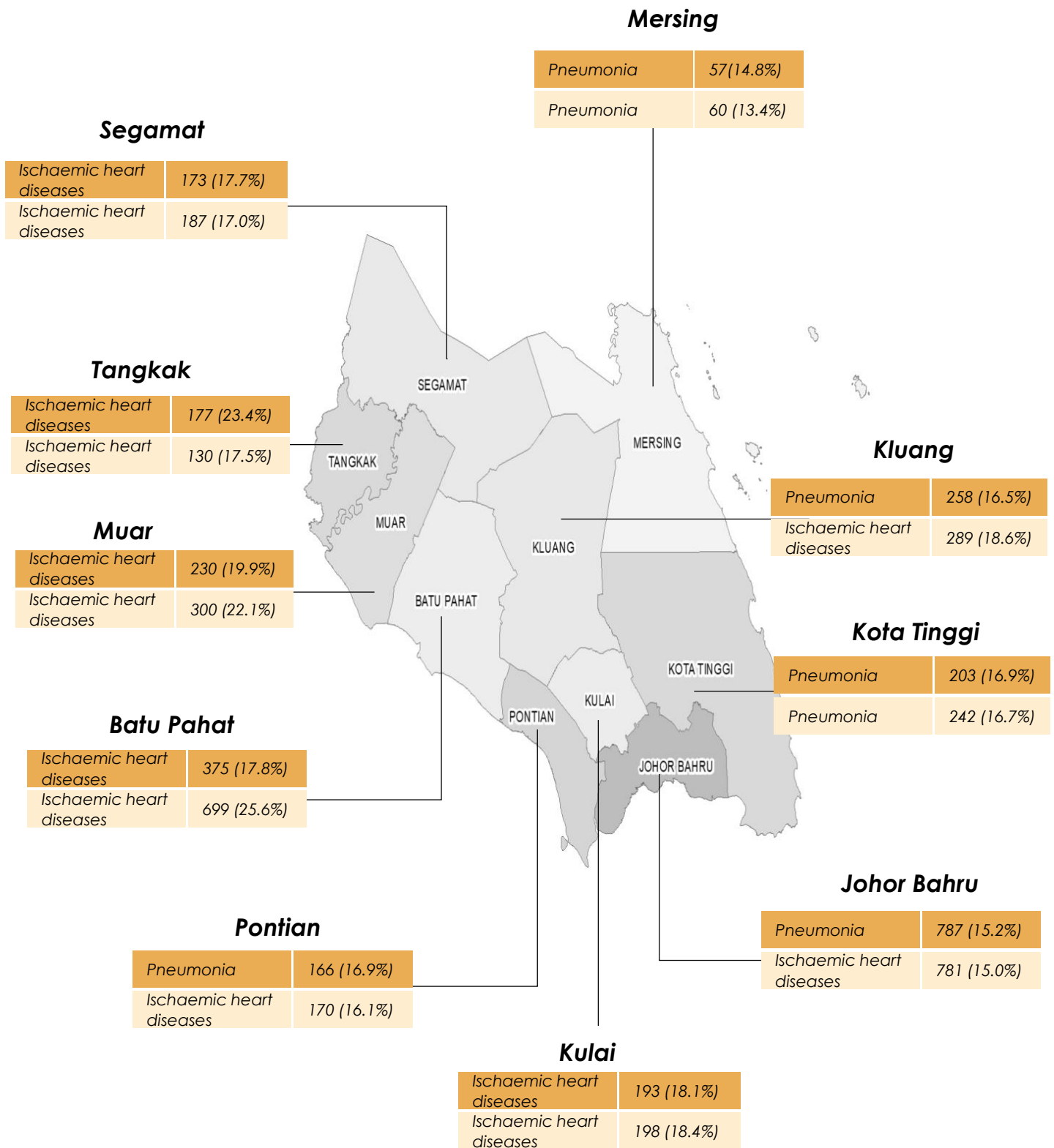
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, JOHOR, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Transport accidents	Malignant neoplasm of colon, rectum and anus
<b>Total</b>	<b>2,553</b>	<b>2,451</b>	<b>1,069</b>	<b>612</b>	<b>274</b>
<b>0</b>	-	10 (0.4%)	-	-	-
<b>1-4</b>	-	4 (0.2%)	-	7 (1.1%)	-
<b>5-9</b>	-	4 (0.2%)	-	1 (0.2%)	-
<b>10-14</b>	-	6 (0.2%)	-	14 (2.3%)	-
<b>15-19</b>	-	8 (0.3%)	2 (0.2%)	89 (14.5%)	-
<b>20-24</b>	5 (0.2%)	14 (0.6%)	-	104 (17.0%)	2 (0.7%)
<b>25-29</b>	13 (0.5%)	22 (0.9%)	5 (0.5%)	62 (10.1%)	3 (1.1%)
<b>30-34</b>	33 (1.3%)	26 (1.1%)	11 (1.0%)	53 (8.7%)	5 (1.8%)
<b>35-39</b>	65 (2.5%)	37 (1.5%)	25 (2.3%)	37 (6.0%)	5 (1.8%)
<b>40-44</b>	122 (4.8%)	58 (2.4%)	41 (3.8%)	39 (6.4%)	10 (3.6%)
<b>45-49</b>	169 (6.6%)	64 (2.6%)	83 (7.8%)	38 (6.2%)	10 (3.6%)
<b>50-54</b>	235 (9.2%)	100 (4.1%)	85 (8.0%)	43 (7.0%)	23 (8.4%)
<b>55-59</b>	307 (12.0%)	179 (7.3%)	114 (10.7%)	21 (3.4%)	26 (9.5%)
<b>60-64</b>	336 (13.2%)	233 (9.5%)	116 (10.9%)	29 (4.7%)	45 (16.4%)
<b>65-69</b>	341 (13.4%)	330 (13.5%)	131 (12.3%)	25 (4.1%)	41 (15.0%)
<b>70-74</b>	315 (12.3%)	347 (14.2%)	135 (12.6%)	25 (4.1%)	46 (16.8%)
<b>75-79</b>	226 (8.9%)	347 (14.2%)	122 (11.4%)	14 (2.3%)	35 (12.8%)
<b>80-84</b>	189 (7.4%)	320 (13.1%)	96 (9.0%)	6 (1.0%)	16 (5.8%)
<b>85 and over</b>	197 (7.7%)	342 (14.0%)	103 (9.6%)	5 (0.8%)	7 (2.6%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, JOHOR



**Notes**

Causes of death 2023

Causes of death 2022

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



NUMBER OF DEATHS, KEDAH, 2023



KEDAH



9,301 (55.9%)  
deaths



16,643  
deaths



7,342 (44.1%)  
deaths

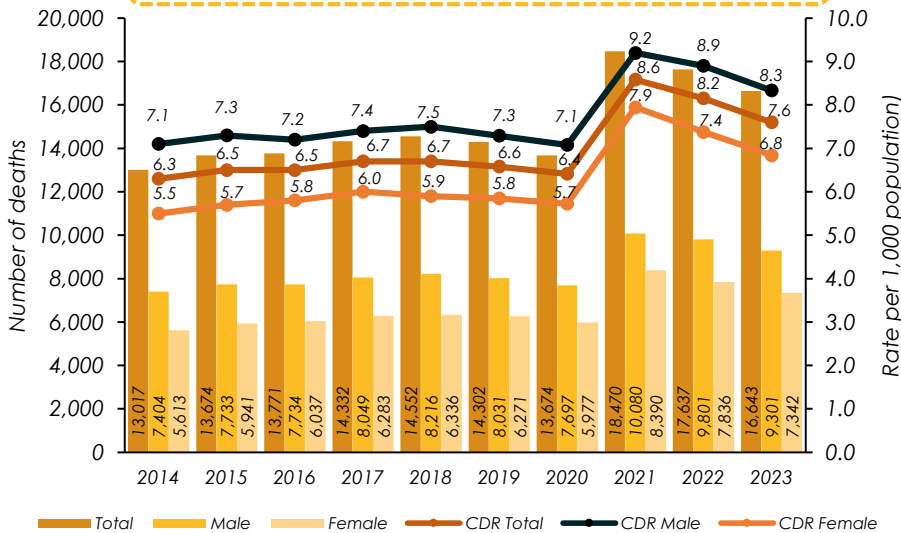
AVERAGE

2 deaths per hour

46 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), KEDAH, 2014-2023

The number of deaths in 2023 decreased 5.6 per cent (994 deaths) as compared to 2022 (17,637 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Ischaemic heart diseases was the principal causes of death in Kedah in 2023

18.9%



Ischaemic heart diseases

21.5%



Pneumonia

19.9%



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

30.8%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, KEDAH, 2023

1 Diseases of the circulatory system

34.8%

32.0%

3 Neoplasms

9.7%

8.7%

5 Certain infectious and parasitic diseases

5.9%

6.2%

2 Diseases of the respiratory system

23.8%

21.7%

4 External causes of morbidity and mortality

6.4%

7.1%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, KEDAH, 2023



Malay (9,319 deaths)

1	Ischaemic heart diseases	19.0%
2	Pneumonia	18.2%
3	Cerebrovascular diseases	9.3%
4	Transport accidents	4.0%
5	Diabetes mellitus	3.2%



Other Bumiputera (10 deaths)

1	Ischaemic heart diseases	20.0%
2	Pneumonia	20.0%
3	Malignant neoplasm of pancreas	10.0%

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



Chinese (1,557 deaths)

1	Pneumonia	17.7%
2	Ischaemic heart diseases	17.2%
3	Cerebrovascular diseases	9.3%
4	Malignant neoplasm of trachea, bronchus and lung	2.6%
5	Transport accidents	2.6%

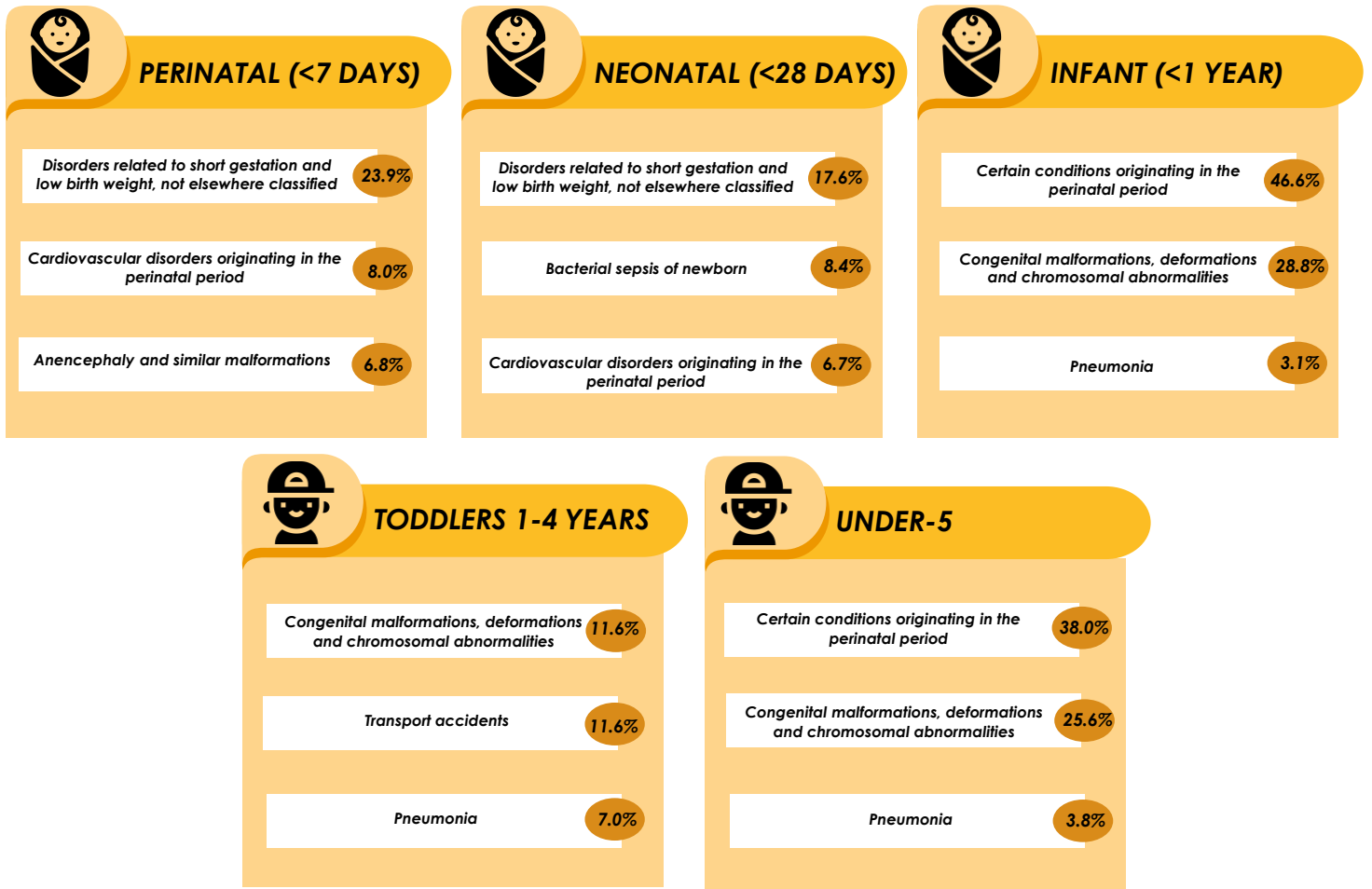


Indians (951 deaths)

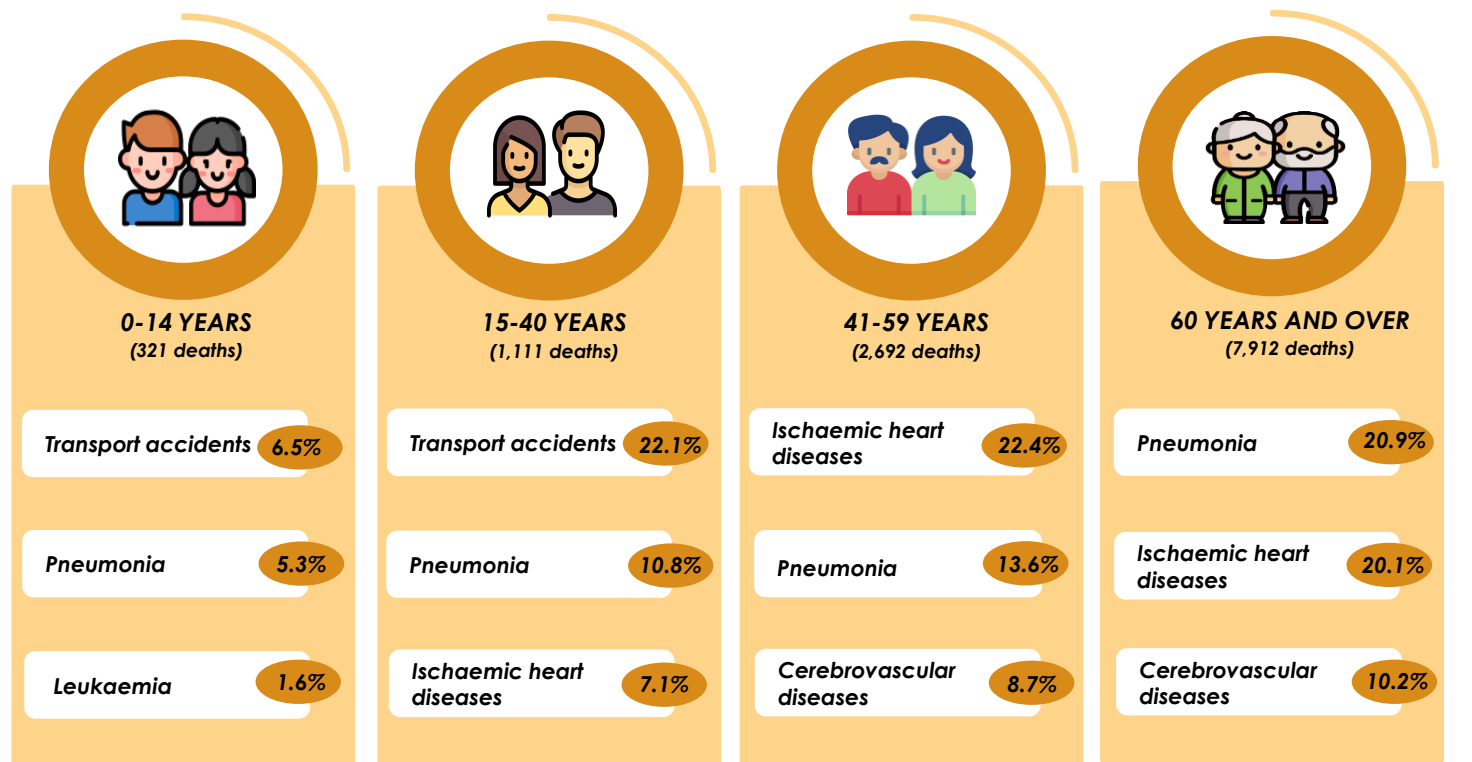
1	Ischaemic heart diseases	20.0%
2	Pneumonia	15.2%
3	Cerebrovascular diseases	7.0%
4	Transport accidents	4.7%
5	Diabetes mellitus	3.7%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, KEDAH, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, KEDAH, 2023



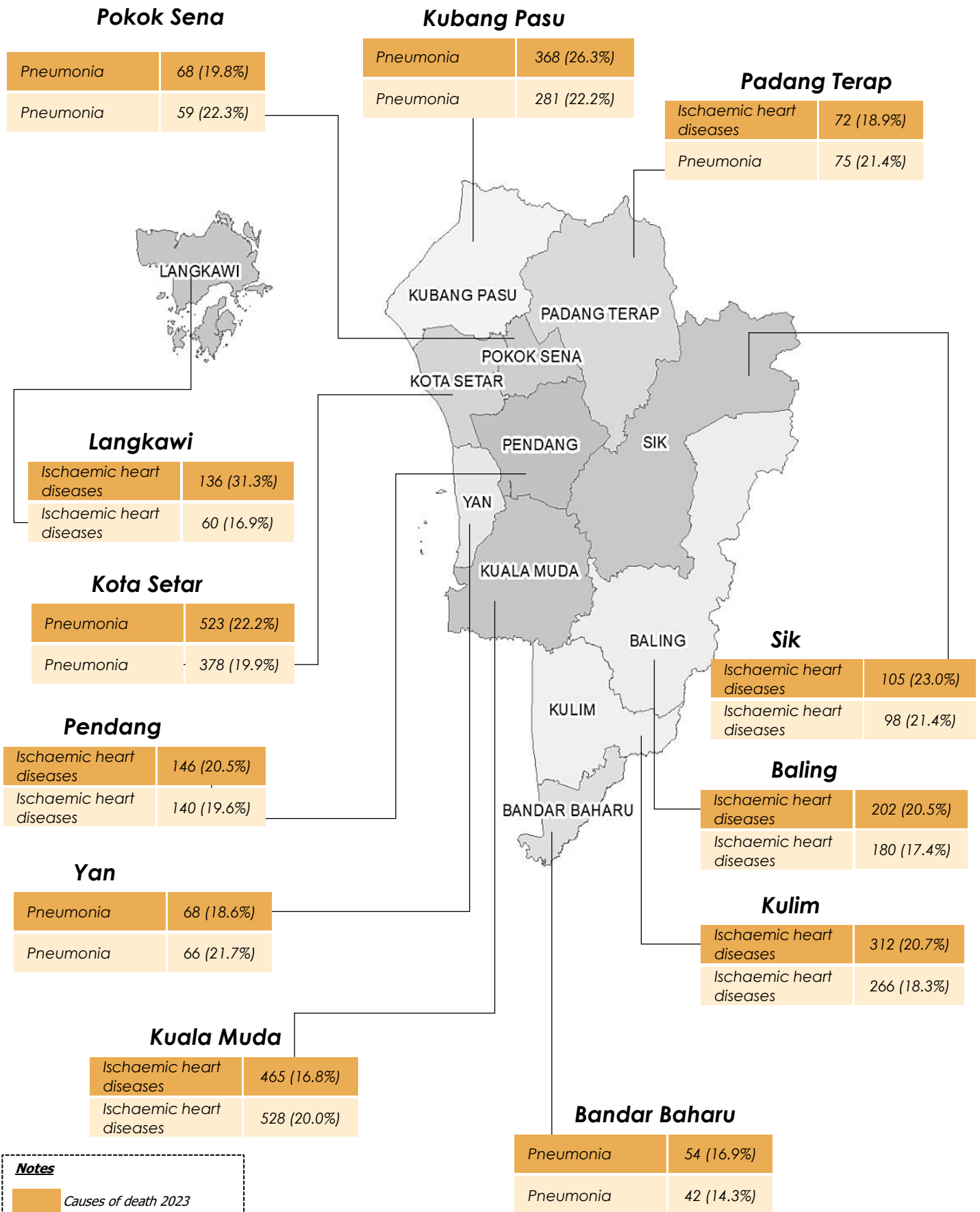
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, KEDAH, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Transport accidents	Diabetes mellitus
<b>Total</b>	<b>2,278</b>	<b>2,157</b>	<b>1,090</b>	<b>469</b>	<b>370</b>
<b>0</b>	-	6 (0.3%)	-	3 (0.6%)	-
<b>1-4</b>	-	3 (0.1%)	-	5 (1.1%)	-
<b>5-9</b>	-	3 (0.1%)	-	2 (0.4%)	-
<b>10-14</b>	-	5 (0.2%)	1 (0.1%)	11 (2.3%)	-
<b>15-19</b>	-	4 (0.2%)	2 (0.2%)	67 (14.3%)	-
<b>20-24</b>	3 (0.1%)	6 (0.3%)	2 (0.2%)	65 (13.9%)	-
<b>25-29</b>	11 (0.5%)	17 (0.8%)	9 (0.8%)	44 (9.4%)	1 (0.3%)
<b>30-34</b>	21 (0.9%)	32 (1.5%)	8 (0.7%)	30 (6.4%)	3 (0.8%)
<b>35-39</b>	34 (1.5%)	44 (2.0%)	18 (1.7%)	37 (7.9%)	3 (0.8%)
<b>40-44</b>	86 (3.8%)	56 (2.6%)	26 (2.4%)	25 (5.3%)	9 (2.4%)
<b>45-49</b>	143 (6.3%)	71 (3.3%)	57 (5.2%)	24 (5.1%)	11 (3.0%)
<b>50-54</b>	173 (7.6%)	106 (4.9%)	66 (6.1%)	21 (4.5%)	34 (9.2%)
<b>55-59</b>	212 (9.3%)	149 (6.9%)	94 (8.6%)	21 (4.5%)	39 (10.5%)
<b>60-64</b>	266 (11.7%)	216 (10.0%)	148 (13.6%)	38 (8.1%)	45 (12.2%)
<b>65-69</b>	275 (12.1%)	275 (12.7%)	143 (13.1%)	24 (5.1%)	56 (15.1%)
<b>70-74</b>	286 (12.6%)	298 (13.8%)	165 (15.1%)	27 (5.8%)	47 (12.7%)
<b>75-79</b>	263 (11.5%)	321 (14.9%)	133 (12.2%)	14 (3.0%)	54 (14.6%)
<b>80-84</b>	215 (9.4%)	233 (10.8%)	98 (9.0%)	8 (1.7%)	35 (9.5%)
<b>85 and over</b>	290 (12.7%)	312 (14.5%)	120 (11.0%)	3 (0.6%)	33 (8.9%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, KEDAH



Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, KELANTAN, 2023



KELANTAN



6,514 (55.0%)  
deaths



11,839  
deaths



5,325 (45.0%)  
deaths

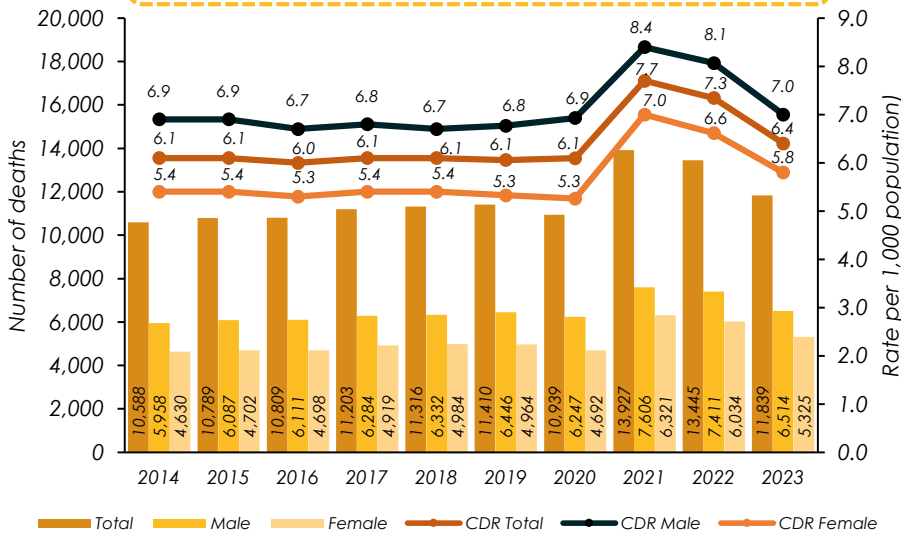
AVERAGE

1 deaths per hour

32 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),  
KELANTAN, 2014-2023

The number of deaths in 2023 decreased **11.9 per cent** (1,606 deaths) as compared to 2022 (13,445 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



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

18.5% 2023



Ischaemic heart diseases

20.8%



Pneumonia

17.9%



**Ectopic pregnancy**

was the principal causes of death for maternal

27.3%

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, KELANTAN, 2023

1 Diseases of the circulatory system

32.9%

37.3%

3 Neoplasms

10.5%

8.3%

5 External causes of morbidity and mortality

6.7%

5.6%

2 Diseases of the respiratory system

20.7%

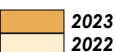
19.0%

4 Certain infectious and parasitic diseases

10.3%

9.4%

Notes:



Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, KELANTAN, 2023



Malay (6,575 deaths)

1	Ischaemic heart diseases	18.7%
2	Pneumonia	16.5%
3	Cerebrovascular diseases	7.6%
4	Transport accidents	3.0%
5	Chronic lower respiratory diseases	1.8%



Other Bumiputera (56 deaths)

1	Pneumonia	12.5%
2	Ischaemic heart diseases	8.9%
3	Cerebrovascular diseases	7.1%
4	Hypertensive diseases	3.6%
5	Respiratory tuberculosis	1.8%



Chinese (255 deaths)

1	Pneumonia	19.6%
2	Ischaemic heart diseases	16.5%
3	Cerebrovascular diseases	8.2%
4	Malignant neoplasm of colon, rectum and anus	3.5%
5	Malignant neoplasm of trachea, bronchus and lung	1.6%



Indians (12 deaths)

1	Ischaemic heart diseases	25.0%
2	Pneumonia	25.0%
3	Cerebrovascular diseases	8.3%
4	Chronic lower respiratory diseases	8.3%

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

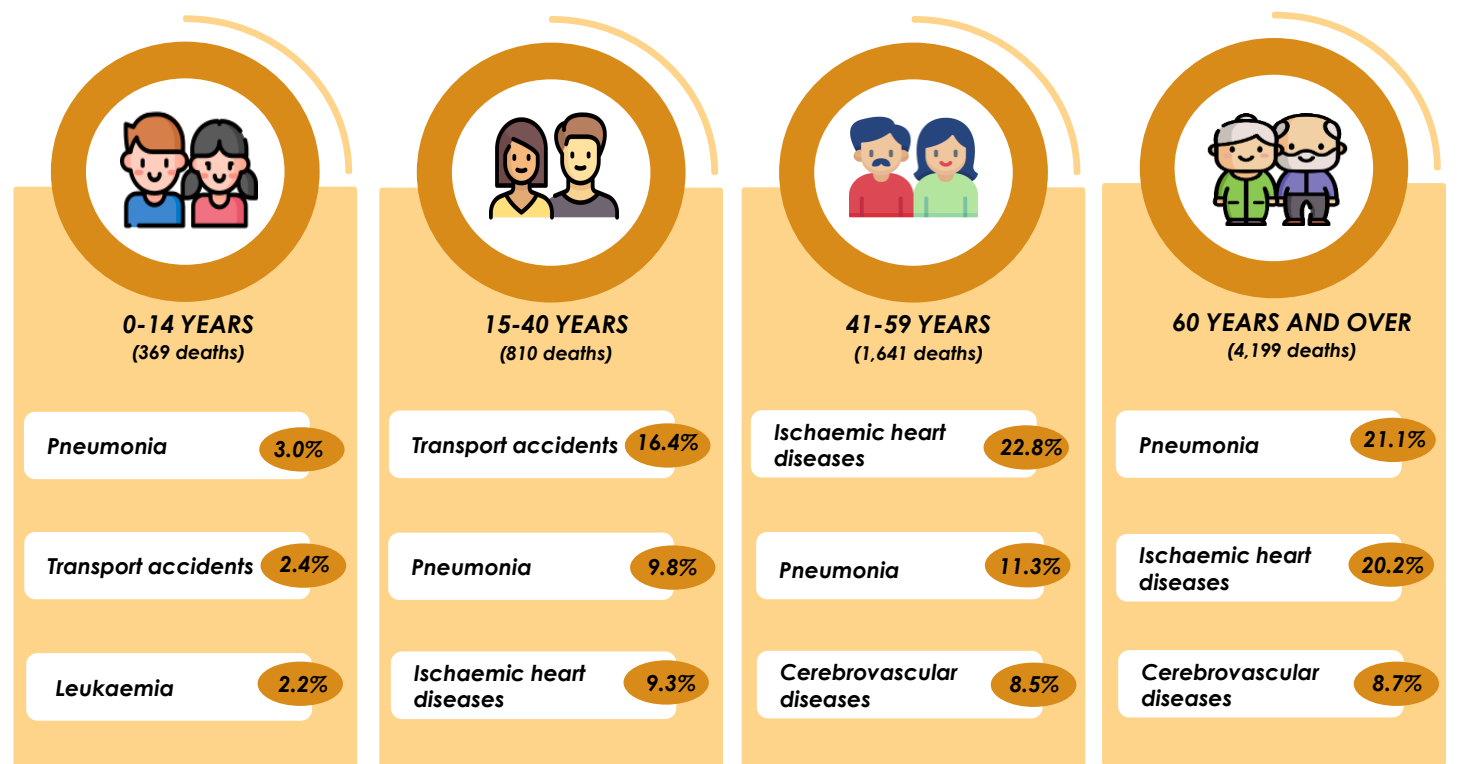
Note: The analysis is based on medically certified deaths



THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, KELANTAN, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, KELANTAN, 2023



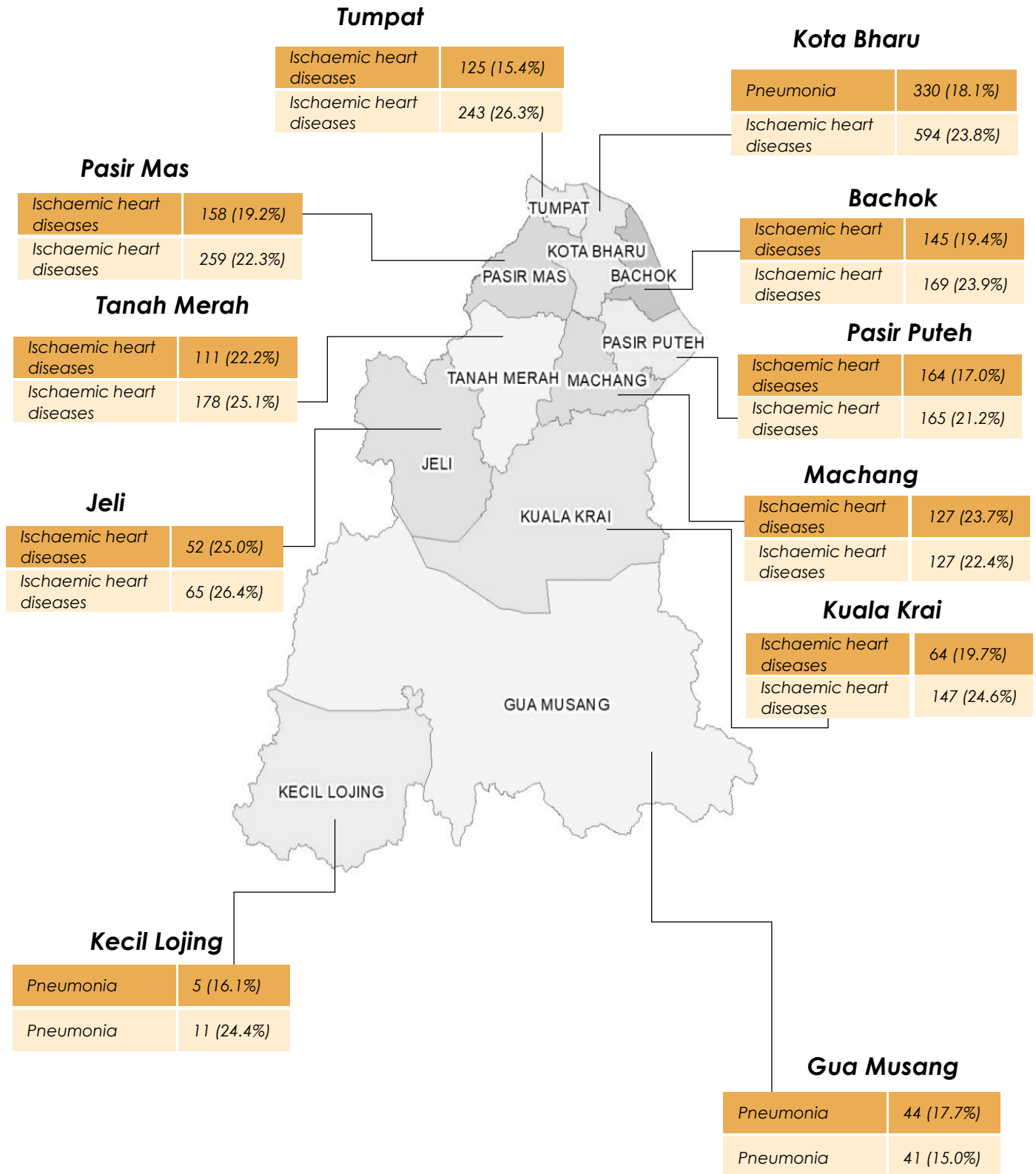
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, KELANTAN, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Transport accidents	Chronic lower respiratory diseases
<b>Total</b>	<b>1,299</b>	<b>1,160</b>	<b>536</b>	<b>206</b>	<b>123</b>
<b>0</b>	-	2 (0.2%)	-	2 (1.0%)	1 (0.8%)
<b>1-4</b>	-	6 (0.5%)	-	2 (1.0%)	-
<b>5-9</b>	-	1 (0.1%)	-	1 (0.5%)	-
<b>10-14</b>	-	2 (0.2%)	-	4 (1.9%)	-
<b>15-19</b>	-	4 (0.3%)	2 (0.4%)	42 (20.4%)	1 (0.8%)
<b>20-24</b>	4 (0.3%)	13 (1.1%)	3 (0.6%)	41 (19.9%)	-
<b>25-29</b>	6 (0.5%)	11 (0.9%)	3 (0.6%)	20 (9.7%)	1 (0.8%)
<b>30-34</b>	15 (1.2%)	18 (1.6%)	7 (1.3%)	15 (7.3%)	1 (0.8%)
<b>35-39</b>	36 (2.8%)	25 (2.2%)	13 (2.4%)	13 (6.3%)	-
<b>40-44</b>	59 (4.5%)	24 (2.1%)	21 (3.9%)	13 (6.3%)	2 (1.6%)
<b>45-49</b>	72 (5.5%)	40 (3.4%)	26 (4.9%)	7 (3.4%)	4 (3.3%)
<b>50-54</b>	106 (8.2%)	51 (4.4%)	45 (8.4%)	12 (5.8%)	4 (3.3%)
<b>55-59</b>	151 (11.6%)	79 (6.8%)	49 (9.1%)	7 (3.4%)	3 (2.4%)
<b>60-64</b>	161 (12.4%)	102 (8.8%)	43 (8.0%)	5 (2.4%)	12 (9.8%)
<b>65-69</b>	177 (13.6%)	145 (12.5%)	57 (10.6%)	8 (3.9%)	9 (7.3%)
<b>70-74</b>	207 (15.9%)	200 (17.2%)	68 (12.7%)	9 (4.4%)	24 (19.5%)
<b>75-79</b>	144 (11.1%)	191 (16.5%)	77 (14.4%)	3 (1.5%)	27 (22.0%)
<b>80-84</b>	84 (6.5%)	128 (11.0%)	66 (12.3%)	2 (1.0%)	21 (17.1%)
<b>85 and over</b>	77 (5.9%)	118 (10.2%)	56 (10.4%)	-	13 (10.6%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, KELANTAN



Notes

- Causes of death 2023
- Causes of death 2022

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, MELAKA, 2023



MELAKA



3,456 (55.8%)  
deaths



6,190  
deaths



2,734 (44.2%)  
deaths

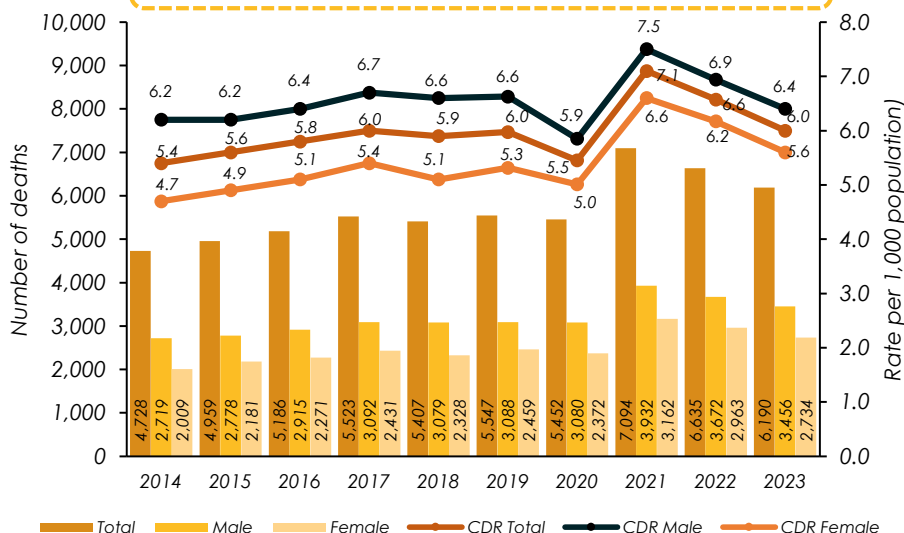
AVERAGE

1 deaths per hour

17 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), MELAKA, 2014-2023

The number of deaths in 2023 decreased **6.7 per cent** (445 deaths) as compared to 2022 (6,635 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Ischaemic heart diseases

was the principal causes of death in Melaka in 2023

17.7%



Ischaemic heart diseases

20.1%



Ischaemic heart diseases

14.1%



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

25.0%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, MELAKA, 2023

1 Diseases of the circulatory system

30.3%

31.9%

3 Neoplasms

14.8%

12.8%

5 Certain infectious and parasitic diseases

6.0%

6.1%

2 Diseases of the respiratory system

17.2%

14.6%

4 External causes of morbidity and mortality

7.8%

7.4%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, MELAKA, 2023



Malay (2,221 deaths)

1	Ischaemic heart diseases	17.4%
2	Pneumonia	11.7%
3	Cerebrovascular diseases	7.1%
4	Transport accidents	4.8%
5	Chronic lower respiratory diseases	2.5%



Other Bumiputera (23 deaths)

1	Ischaemic heart diseases	13.0%
2	Pneumonia	13.0%
3	Transport accidents	8.7%
4	Malignant neoplasm of pancreas	4.3%
5	Malignant neoplasm of trachea, bronchus and lung	4.3%



Chinese (934 deaths)

1	Ischaemic heart diseases	17.8%
2	Pneumonia	12.1%
3	Cerebrovascular diseases	7.0%
4	Malignant neoplasm of trachea, bronchus and lung	3.3%
5	Transport accidents	2.2%



Indians (280 deaths)

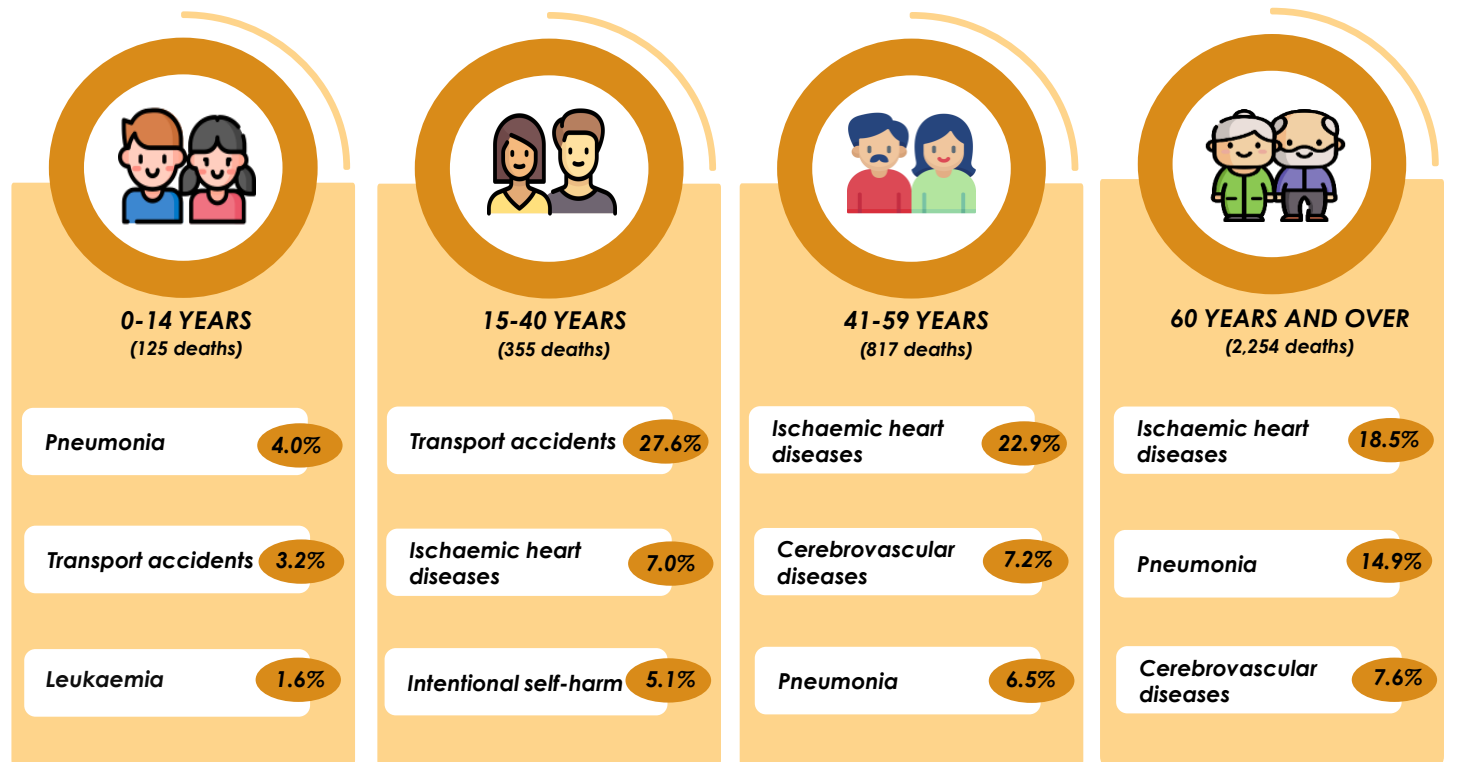
1	Ischaemic heart diseases	20.4%
2	Pneumonia	9.3%
3	Transport accidents	5.0%
4	Cerebrovascular diseases	4.6%
5	Diseases of the liver	3.2%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, MELAKA, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, MELAKA, 2023



Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, MELAKA, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Transport accidents	Malignant neoplasm of trachea, bronchus and lung
<b>Total</b>	<b>628</b>	<b>409</b>	<b>244</b>	<b>143</b>	<b>80</b>
<b>0</b>	-	3 (0.7%)	-	1 (0.7%)	-
<b>1-4</b>	-	1 (0.2%)	-	-	-
<b>5-9</b>	-	-	-	1 (0.7%)	-
<b>10-14</b>	-	1 (0.2%)	-	2 (1.4%)	-
<b>15-19</b>	-	-	-	29 (20.3%)	-
<b>20-24</b>	-	2 (0.5%)	1 (0.4%)	25 (17.5%)	-
<b>25-29</b>	2 (0.3%)	3 (0.7%)	1 (0.4%)	15 (10.5%)	1 (1.3%)
<b>30-34</b>	7 (1.1%)	1 (0.2%)	5 (2.0%)	11 (7.7%)	1 (1.3%)
<b>35-39</b>	12 (1.9%)	6 (1.5%)	4 (1.6%)	14 (9.8%)	-
<b>40-44</b>	17 (2.7%)	13 (3.2%)	8 (3.3%)	10 (7.0%)	2 (2.5%)
<b>45-49</b>	44 (7.0%)	8 (2.0%)	14 (5.7%)	7 (4.9%)	7 (8.8%)
<b>50-54</b>	53 (8.4%)	12 (2.9%)	20 (8.2%)	2 (1.4%)	3 (3.8%)
<b>55-59</b>	77 (12.3%)	23 (5.6%)	19 (7.8%)	8 (5.6%)	10 (12.5%)
<b>60-64</b>	85 (13.5%)	38 (9.3%)	26 (10.7%)	7 (4.9%)	14 (17.5%)
<b>65-69</b>	92 (14.6%)	60 (14.7%)	32 (13.1%)	5 (3.5%)	17 (21.3%)
<b>70-74</b>	87 (13.9%)	60 (14.7%)	28 (11.5%)	3 (2.1%)	13 (16.3%)
<b>75-79</b>	60 (9.6%)	64 (15.6%)	29 (11.9%)	1 (0.7%)	5 (6.3%)
<b>80-84</b>	46 (7.3%)	46 (11.2%)	31 (12.7%)	-	6 (7.5%)
<b>85 and over</b>	46 (7.3%)	68 (16.6%)	26 (10.7%)	2 (1.4%)	1 (1.3%)

Note: The analysis is based on medically certified deaths



CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, MELAKA

**Alor Gajah**

Ischaemic heart diseases	145 (16.6%)
Ischaemic heart diseases	177 (18.4%)

**Jasin**

Ischaemic heart diseases	111 (17.7%)
Ischaemic heart diseases	160 (20.3%)



**Melaka Tengah**

Ischaemic heart diseases	372 (18.2%)
Ischaemic heart diseases	435 (20.7%)

**Notes**

- Causes of death 2023
- Causes of death 2022

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, NEGERI SEMBILAN, 2023



NEGERI SEMBILAN



4,724 (57.4%)  
deaths



8,232  
deaths



3,508 (42.6%)  
deaths

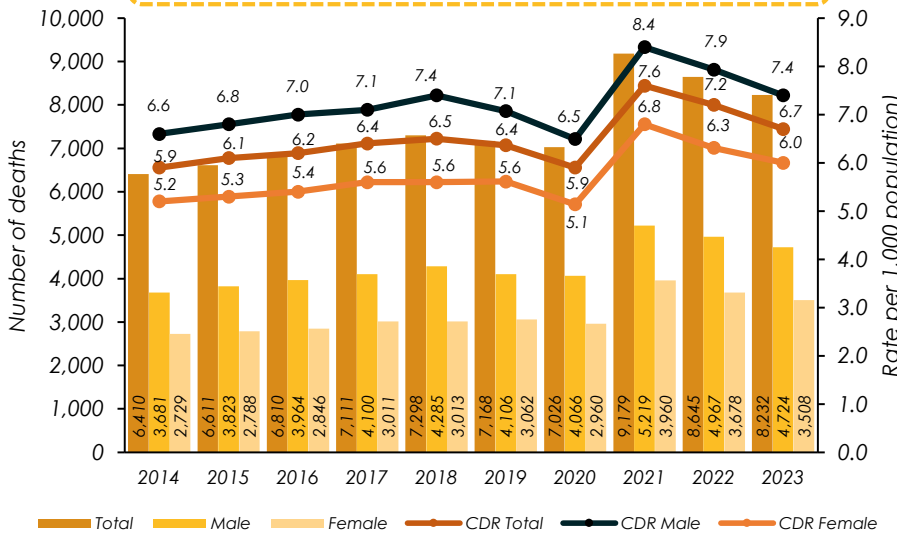
AVERAGE

1 deaths per hour

23 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), NEGERI SEMBILAN, 2014-2023

The number of deaths in 2023 decreased **4.8 per cent** (413 deaths) as compared to 2022 (8,645 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



**Ischaemic heart diseases** was the principal causes of death in **Negeri Sembilan** in 2023

14.6%



**Ischaemic heart diseases**

16.8%



**Pneumonia**

14.1%



**Obstetric embolism** was the principal causes of death for maternal

33.3%

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, NEGERI SEMBILAN, 2023

1 Diseases of the circulatory system

28.7%

32.5%

3 Neoplasms

13.9%

13.5%

5 Certain infectious and parasitic diseases

6.9%

5.9%

2 Diseases of the respiratory system

18.7%

16.8%

4 External causes of morbidity and mortality

9.0%

6.8%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, NEGERI SEMBILAN, 2023



Malay (3,005 deaths)

1	Ischaemic heart diseases	13.7%
2	Pneumonia	12.7%
3	Cerebrovascular diseases	8.0%
4	Transport accidents	5.5%
5	Chronic lower respiratory diseases	2.4%



Other Bumiputera (76 deaths)

1	Pneumonia	13.2%
2	Ischaemic heart diseases	10.5%
3	Cerebrovascular diseases	10.5%
4	Transport accidents	6.6%
5	Malignant neoplasm of lip, oral cavity and pharynx	2.6%



Chinese (1,183 deaths)

1	Pneumonia	13.9%
2	Ischaemic heart diseases	13.2%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	3.9%
5	Transport accidents	2.9%



Indians (910 deaths)

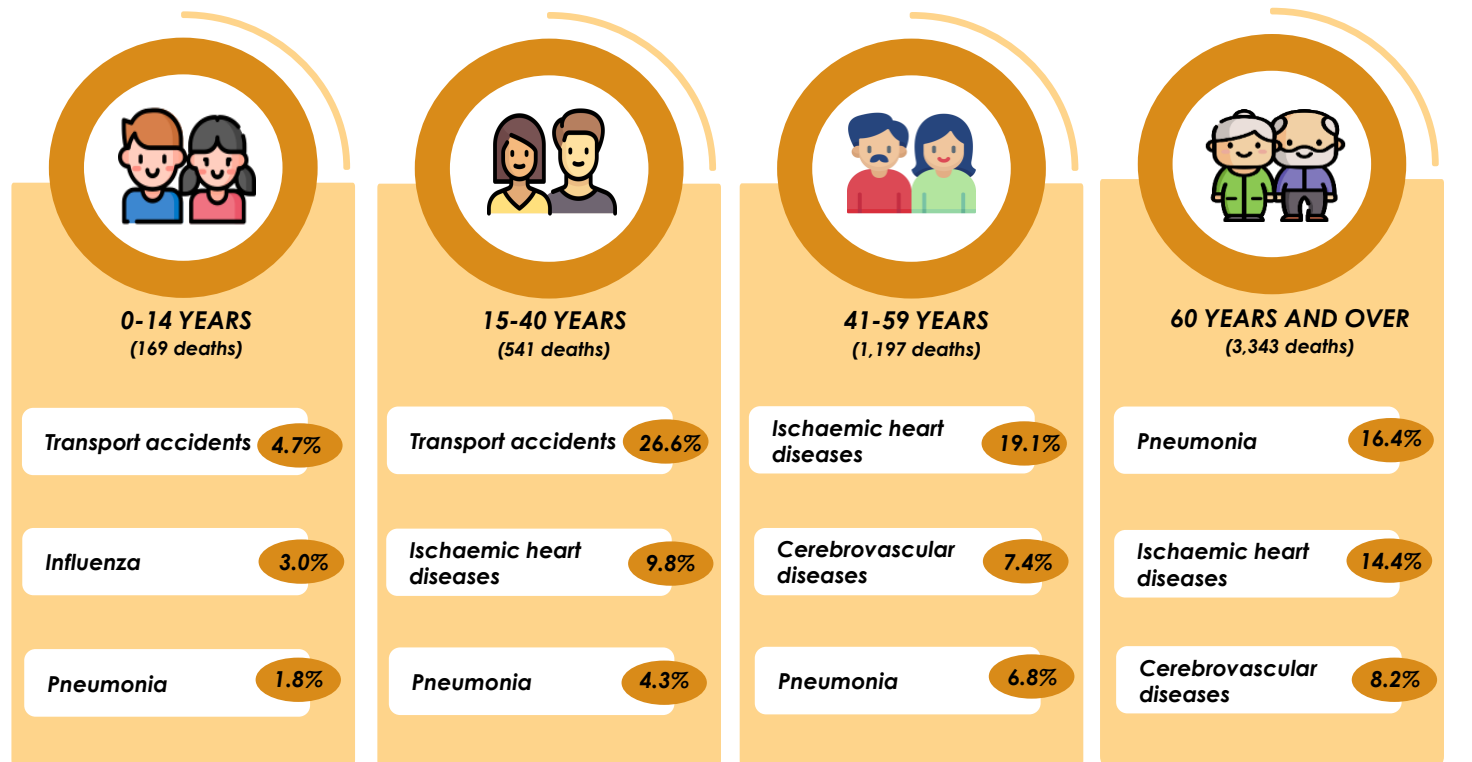
1	Ischaemic heart diseases	19.5%
2	Pneumonia	10.1%
3	Cerebrovascular diseases	5.3%
4	Transport accidents	5.1%
5	Diseases of the liver	4.6%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, NEGERI SEMBILAN, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, NEGERI SEMBILAN, 2023



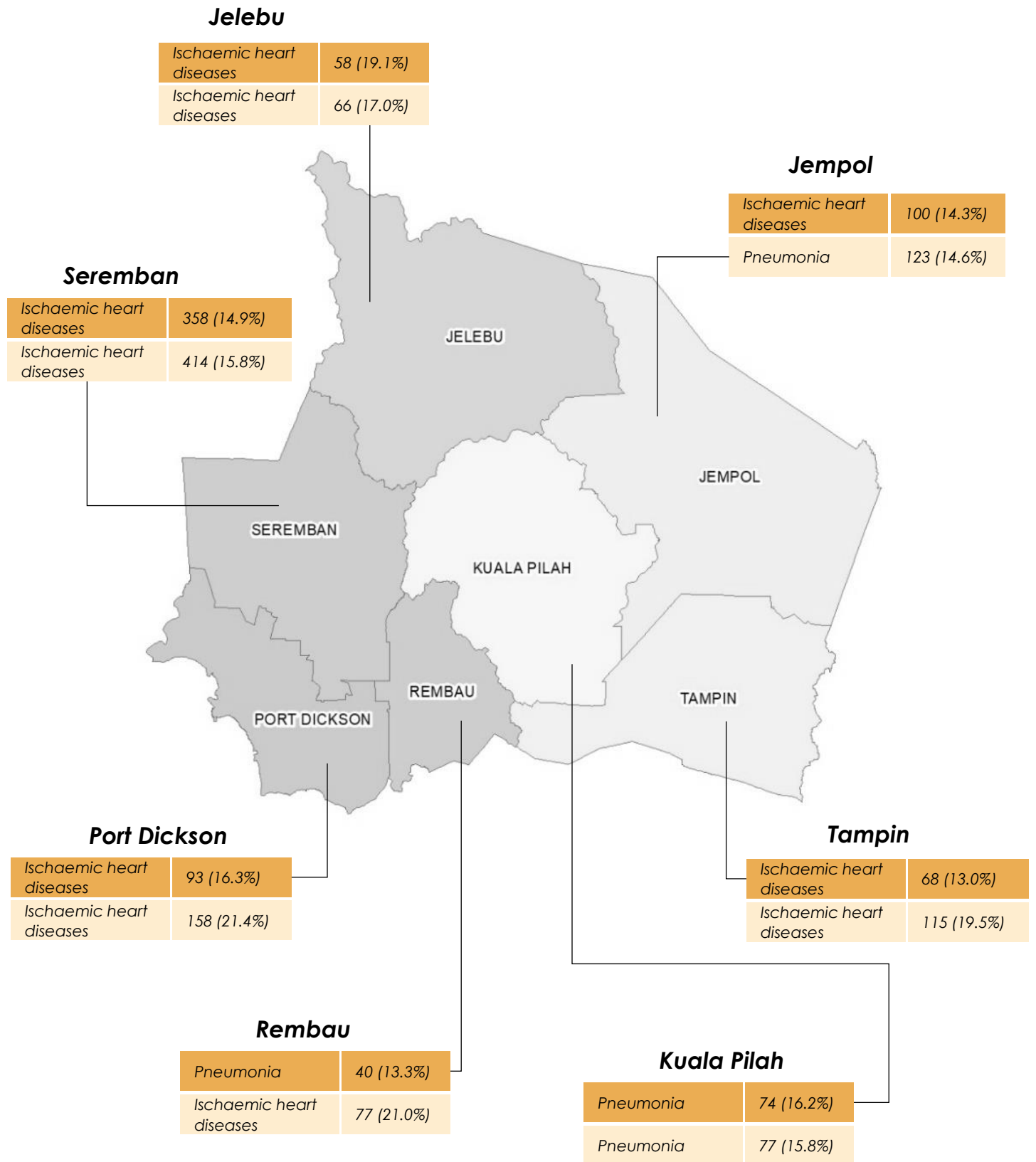
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, NEGERI SEMBILAN, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Transport accidents	Chronic lower respiratory diseases
<b>Total</b>	<b>765</b>	<b>655</b>	<b>378</b>	<b>249</b>	<b>118</b>
<b>0</b>	-	2 (0.3%)	-	-	-
<b>1-4</b>	-	1 (0.2%)	-	3 (1.2%)	-
<b>5-9</b>	-	-	-	1 (0.4%)	-
<b>10-14</b>	-	-	1 (0.3%)	4 (1.6%)	-
<b>15-19</b>	-	-	1 (0.3%)	41 (16.5%)	-
<b>20-24</b>	1 (0.1%)	2 (0.3%)	1 (0.3%)	30 (12.0%)	-
<b>25-29</b>	7 (0.9%)	1 (0.2%)	2 (0.5%)	21 (8.4%)	1 (0.8%)
<b>30-34</b>	10 (1.3%)	9 (1.4%)	2 (0.5%)	28 (11.2%)	-
<b>35-39</b>	26 (3.4%)	10 (1.5%)	5 (1.3%)	21 (8.4%)	1 (0.8%)
<b>40-44</b>	47 (6.1%)	12 (1.8%)	17 (4.5%)	23 (9.2%)	3 (2.5%)
<b>45-49</b>	58 (7.6%)	20 (3.1%)	13 (3.4%)	22 (8.8%)	1 (0.8%)
<b>50-54</b>	64 (8.4%)	26 (4.0%)	32 (8.5%)	6 (2.4%)	2 (1.7%)
<b>55-59</b>	69 (9.0%)	24 (3.7%)	30 (7.9%)	13 (5.2%)	7 (5.9%)
<b>60-64</b>	93 (12.2%)	49 (7.5%)	47 (12.4%)	11 (4.4%)	11 (9.3%)
<b>65-69</b>	90 (11.8%)	78 (11.9%)	52 (13.8%)	10 (4.0%)	9 (7.6%)
<b>70-74</b>	107 (14.0%)	99 (15.1%)	42 (11.1%)	7 (2.8%)	27 (22.9%)
<b>75-79</b>	74 (9.7%)	99 (15.1%)	43 (11.4%)	3 (1.2%)	17 (14.4%)
<b>80-84</b>	62 (8.1%)	95 (14.5%)	42 (11.1%)	3 (1.2%)	20 (16.9%)
<b>85 and over</b>	57 (7.5%)	128 (19.5%)	48 (12.7%)	2 (0.8%)	19 (16.1%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, NEGERI SEMBILAN



**Notes**

Causes of death 2023

Causes of death 2022

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



NUMBER OF DEATHS, PAHANG, 2023



PAHANG



6,082 (57.9%)  
deaths



10,508  
deaths



4,426 (42.1%)  
deaths

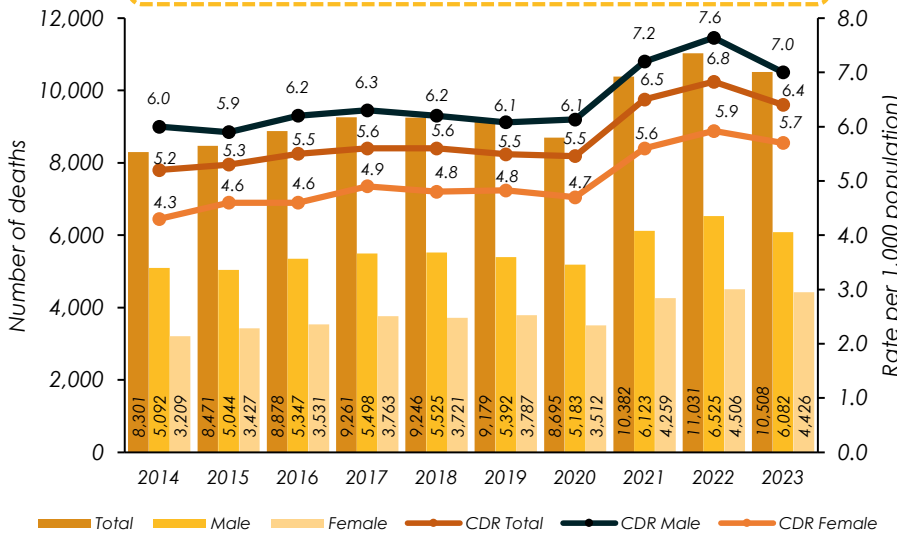
AVERAGE

1 deaths per hour

29 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PAHANG, 2014-2023

The number of deaths in 2023 decreased 4.7 per cent (523 deaths) as compared to 2022 (11,031 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Pneumonia

was the principal causes of death in Pahang in 2023

16.3%



Ischaemic heart diseases

16.8%



Pneumonia

16.9%



Obstetric embolism

was the principal causes of death for maternal

50.0%

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, PAHANG, 2023

1 Diseases of the circulatory system

28.1%

30.8%

3 Neoplasms

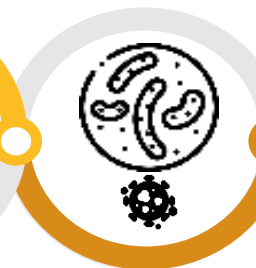
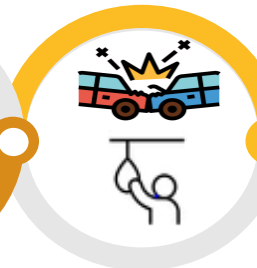
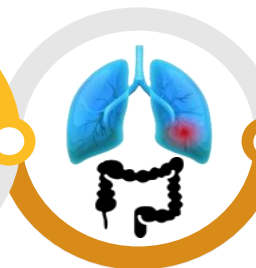
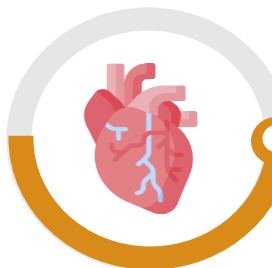
11.1%

9.9%

5 Certain infectious and parasitic diseases

8.4%

8.2%



2 Diseases of the respiratory system

21.8%

20.3%

4 External causes of morbidity and mortality

9.0%

7.5%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, PAHANG, 2023



Malay (4,465 deaths)

1	Pneumonia	16.4%
2	Ischaemic heart diseases	14.0%
3	Cerebrovascular diseases	7.6%
4	Transport accidents	5.4%
5	Diabetes mellitus	2.0%



Other Bumiputera (295 deaths)

1	Pneumonia	13.9%
2	Ischaemic heart diseases	10.8%
3	Cerebrovascular diseases	8.1%
4	Transport accidents	4.4%
5	Diseases of the liver	2.7%



Chinese (961 deaths)

1	Pneumonia	16.6%
2	Ischaemic heart diseases	16.4%
3	Cerebrovascular diseases	7.3%
4	Malignant neoplasm of trachea, bronchus and lung	3.1%
5	Malignant neoplasm of colon, rectum and anus	2.5%

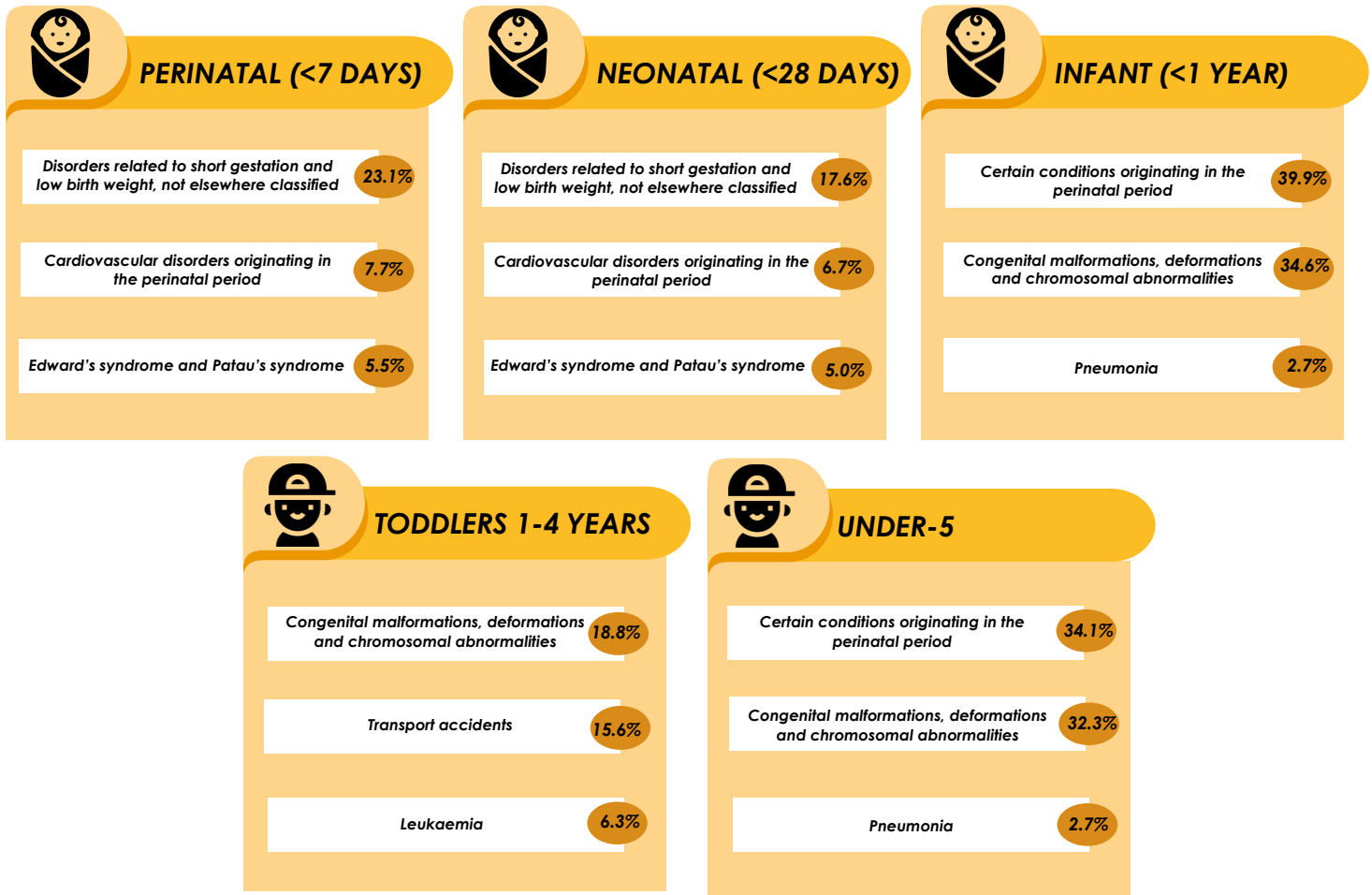


Indians (271 deaths)

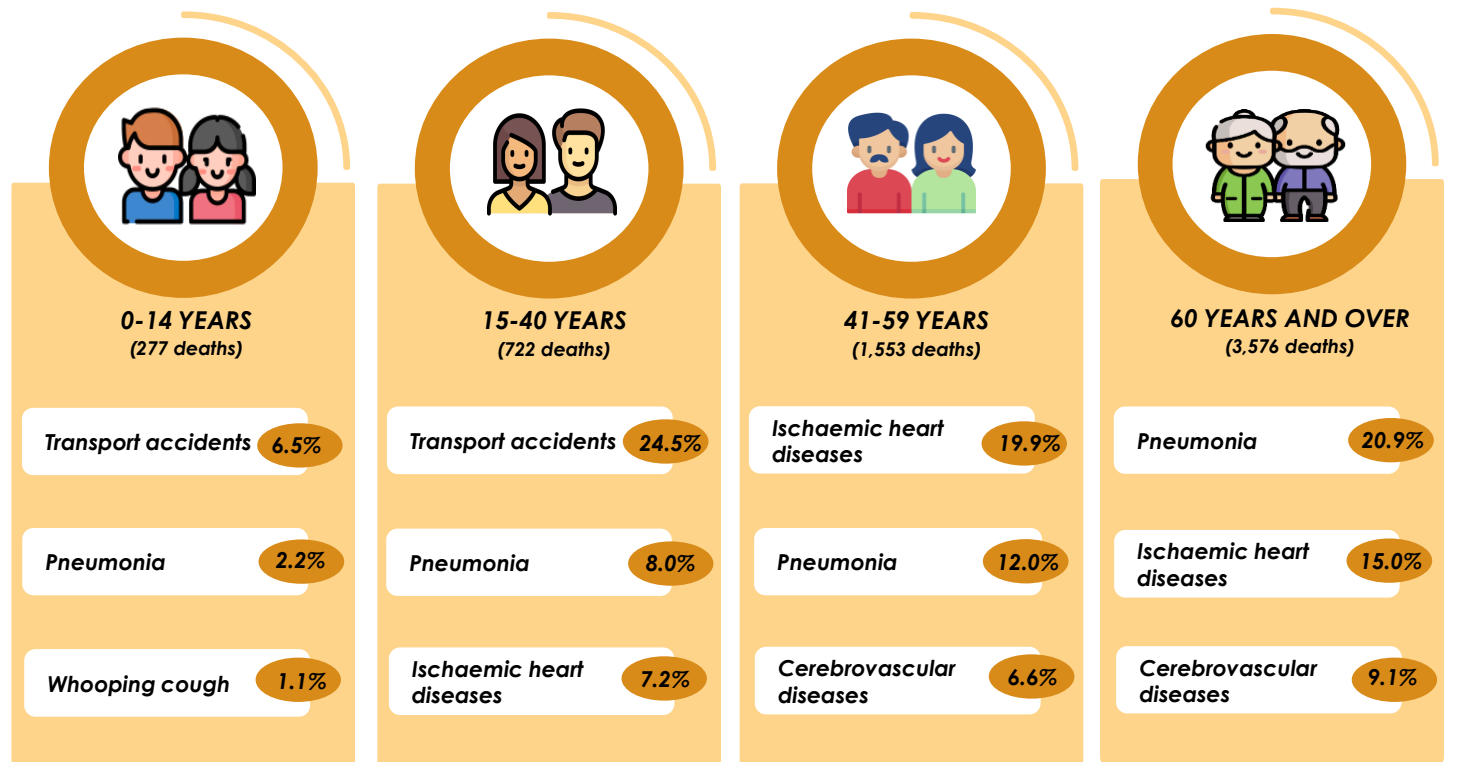
1	Ischaemic heart diseases	22.5%
2	Pneumonia	16.2%
3	Transport accidents	6.3%
4	Cerebrovascular diseases	3.3%
5	Diseases of the liver	2.6%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, PAHANG, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, PAHANG, 2023



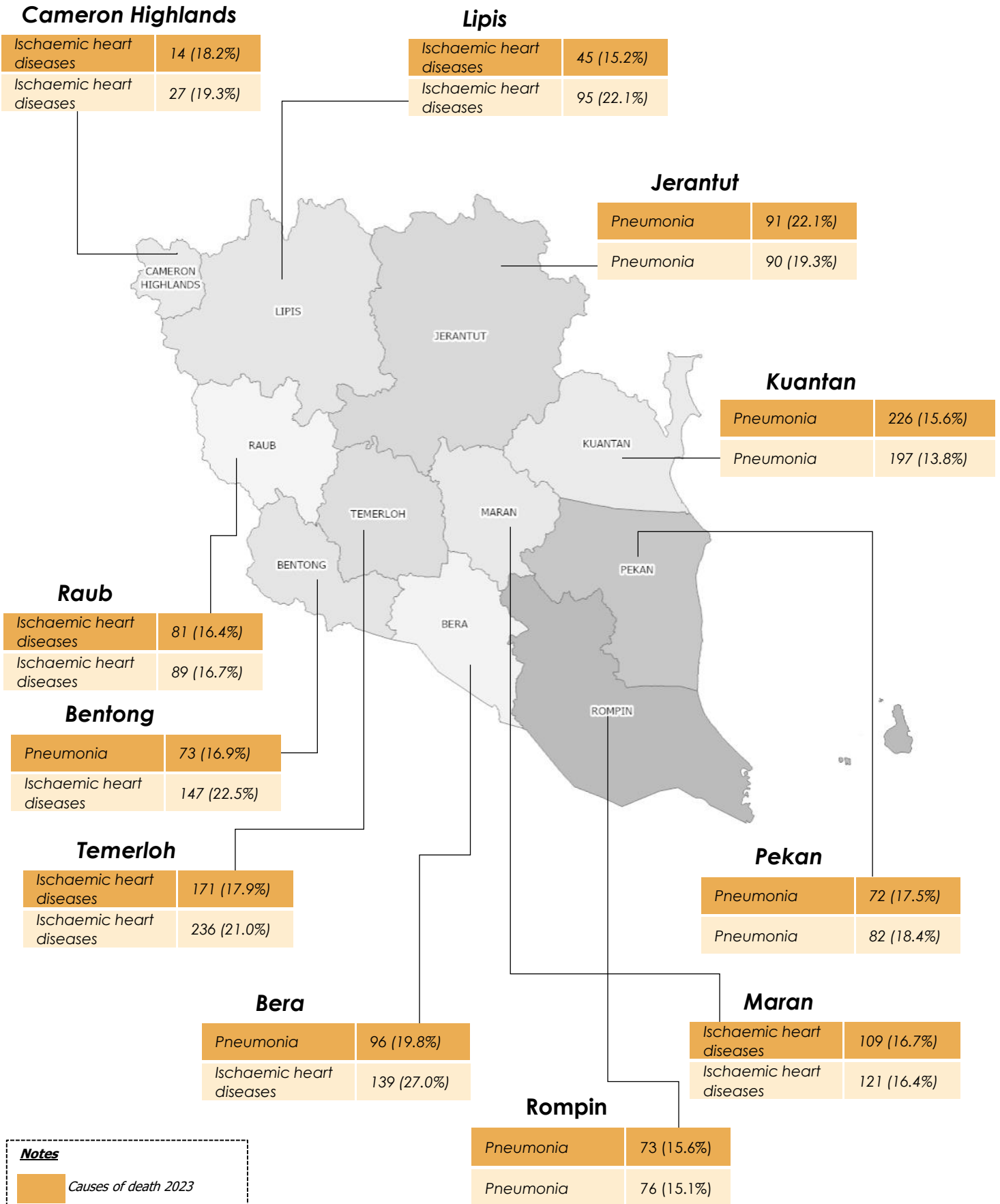
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, PAHANG, 2023**

Age group	Pneumonia	Ischaemic heart diseases	Cerebrovascular diseases	Transport accidents	Chronic lower respiratory diseases
<b>Total</b>	<b>999</b>	<b>896</b>	<b>444</b>	<b>300</b>	<b>114</b>
<b>0</b>	5 (0.5%)	-	-	-	-
<b>1-4</b>	1 (0.1%)	-	-	5 (1.7%)	-
<b>5-9</b>	-	-	-	1 (0.3%)	-
<b>10-14</b>	-	-	-	12 (4.0%)	-
<b>15-19</b>	3 (0.3%)	-	-	44 (14.7%)	-
<b>20-24</b>	4 (0.4%)	1 (0.1%)	-	48 (16.0%)	1 (0.9%)
<b>25-29</b>	6 (0.6%)	5 (0.6%)	1 (0.2%)	29 (9.7%)	1 (0.9%)
<b>30-34</b>	15 (1.5%)	15 (1.7%)	5 (1.1%)	26 (8.7%)	3 (2.6%)
<b>35-39</b>	24 (2.4%)	21 (2.3%)	6 (1.4%)	27 (9.0%)	1 (0.9%)
<b>40-44</b>	37 (3.7%)	55 (6.1%)	19 (4.3%)	17 (5.7%)	6 (5.3%)
<b>45-49</b>	45 (4.5%)	76 (8.5%)	16 (3.6%)	13 (4.3%)	2 (1.8%)
<b>50-54</b>	34 (3.4%)	91 (10.2%)	27 (6.1%)	18 (6.0%)	3 (2.6%)
<b>55-59</b>	77 (7.7%)	97 (10.8%)	43 (9.7%)	16 (5.3%)	10 (8.8%)
<b>60-64</b>	86 (8.6%)	95 (10.6%)	53 (11.9%)	12 (4.0%)	7 (6.1%)
<b>65-69</b>	139 (13.9%)	119 (13.3%)	61 (13.7%)	9 (3.0%)	21 (18.4%)
<b>70-74</b>	165 (16.5%)	122 (13.6%)	86 (19.4%)	8 (2.7%)	22 (19.3%)
<b>75-79</b>	153 (15.3%)	80 (8.9%)	51 (11.5%)	7 (2.3%)	16 (14.0%)
<b>80-84</b>	109 (10.9%)	56 (6.3%)	34 (7.7%)	4 (1.3%)	13 (11.4%)
<b>85 and over</b>	96 (9.6%)	63 (7.0%)	42 (9.5%)	4 (1.3%)	8 (7.0%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, PAHANG



Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, PERAK, 2023



PERAK



11,735 (56.3%)  
deaths



20,839  
deaths



9,104 (43.7%)  
deaths

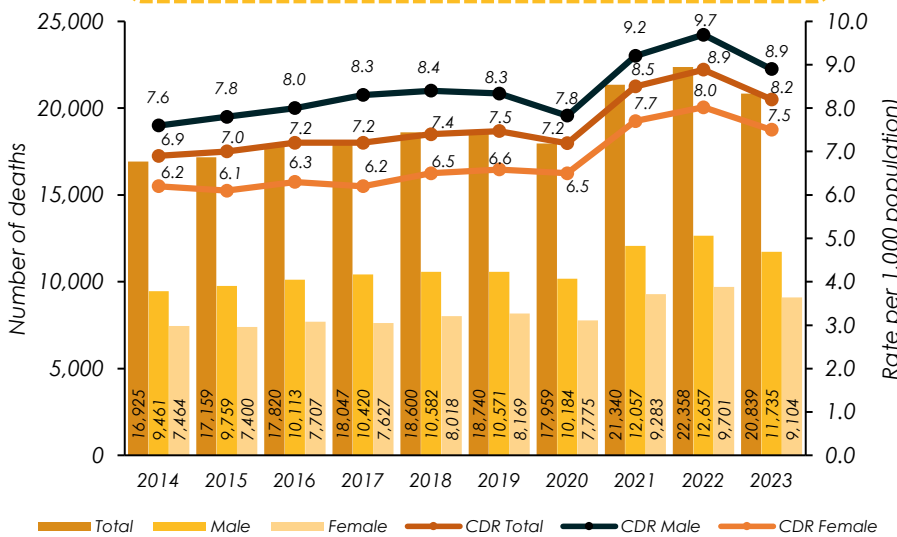
AVERAGE

2 deaths per hour

57 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PERAK, 2014-2023

The number of deaths in 2023 decreased **6.8 per cent** (1,519 deaths) as compared to 2022 (22,358 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Ischaemic heart diseases

was the principal causes of death in Perak in 2023

15.7%



Ischaemic heart diseases

18.4%



Pneumonia

17.8%



Obstetric embolism

was the principal causes of death for maternal

50.0%

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, PERAK, 2023

1 Diseases of the circulatory system

29.5%

27.5%

3 Neoplasms

12.8%

10.8%

5 External causes of morbidity and mortality

7.7%

7.8%

2 Diseases of the respiratory system

21.4%

19.8%

4 Certain infectious and parasitic diseases

8.0%

7.8%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, PERAK, 2023



Malay (6,687 deaths)

1	Ischaemic heart diseases	15.9%
2	Pneumonia	15.5%
3	Cerebrovascular diseases	8.7%
4	Transport accidents	3.9%
5	Diabetes mellitus	2.0%



Other Bumiputera (267 deaths)

1	Ischaemic heart diseases	10.9%
2	Pneumonia	10.1%
3	Cerebrovascular diseases	9.0%
4	Transport accidents	4.1%
5	Malignant neoplasm of lip, oral cavity and pharynx	1.9%



Chinese (3,867 deaths)

1	Pneumonia	17.0%
2	Ischaemic heart diseases	13.9%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of colon, rectum and anus	2.8%
5	Malignant neoplasm of trachea, bronchus and lung	2.6%



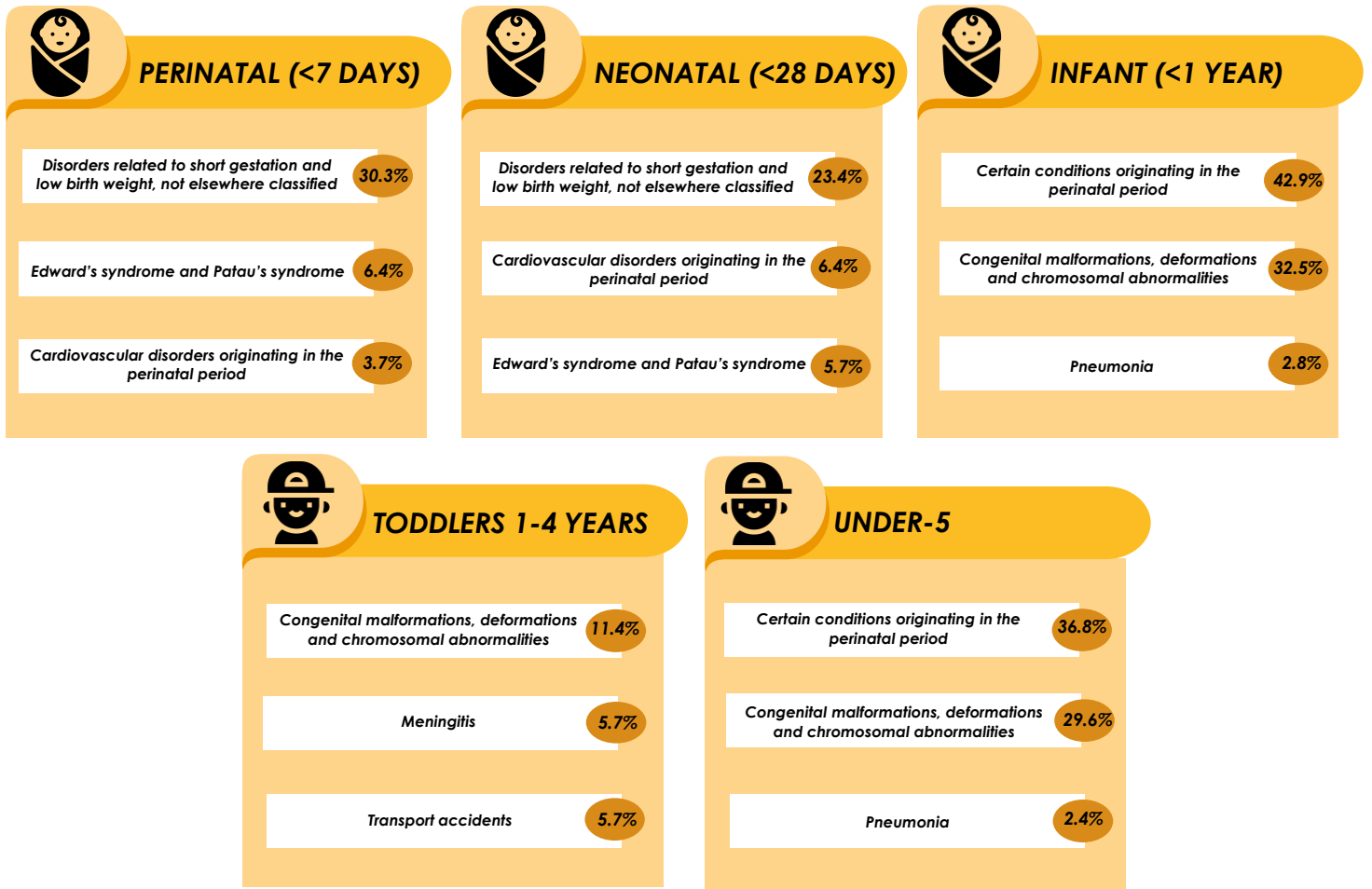
Indians (1,790 deaths)

1	Ischaemic heart diseases	19.3%
2	Pneumonia	13.9%
3	Cerebrovascular diseases	5.9%
4	Transport accidents	3.7%
5	Diseases of the liver	3.2%

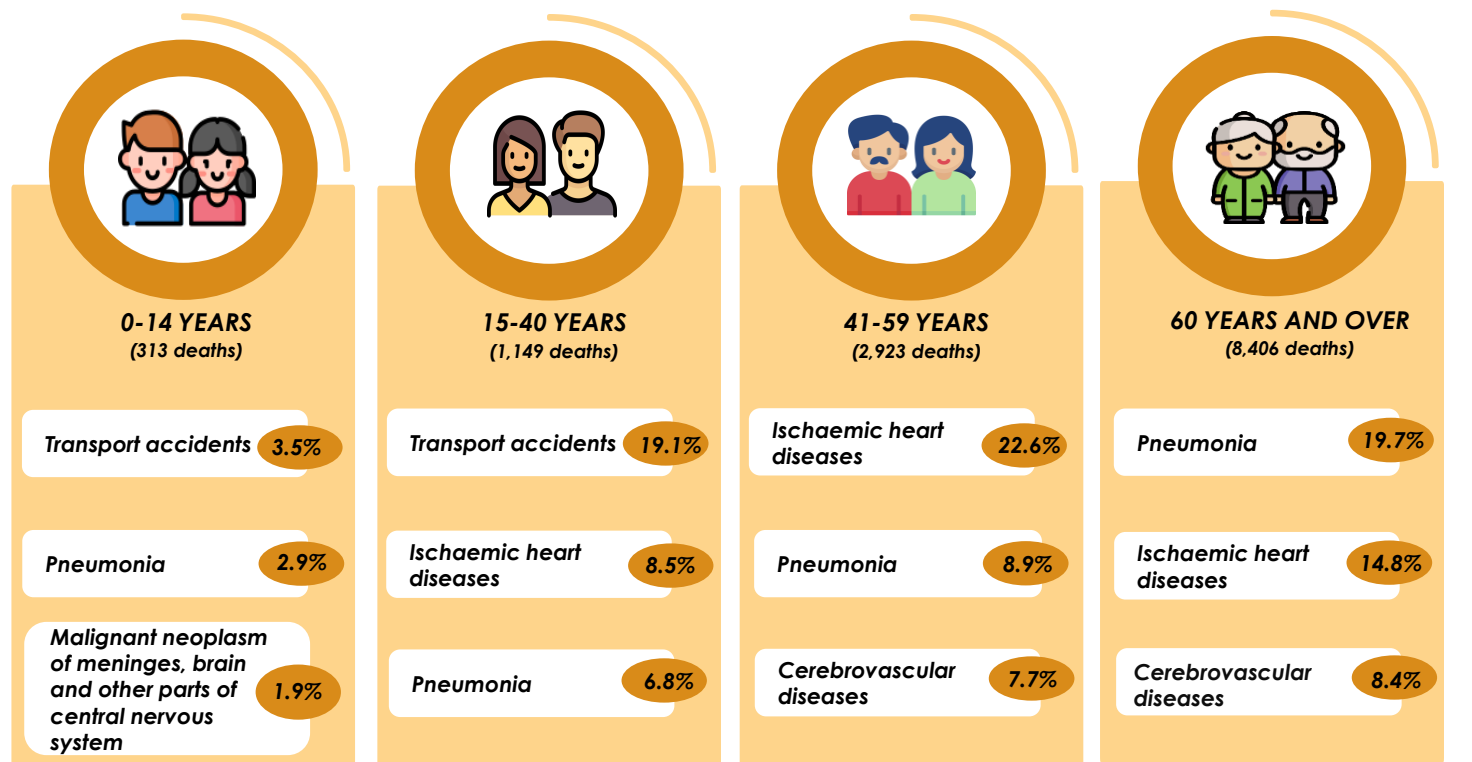
Note: The analysis is based on medically certified deaths



THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, PERAK, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, PERAK, 2023



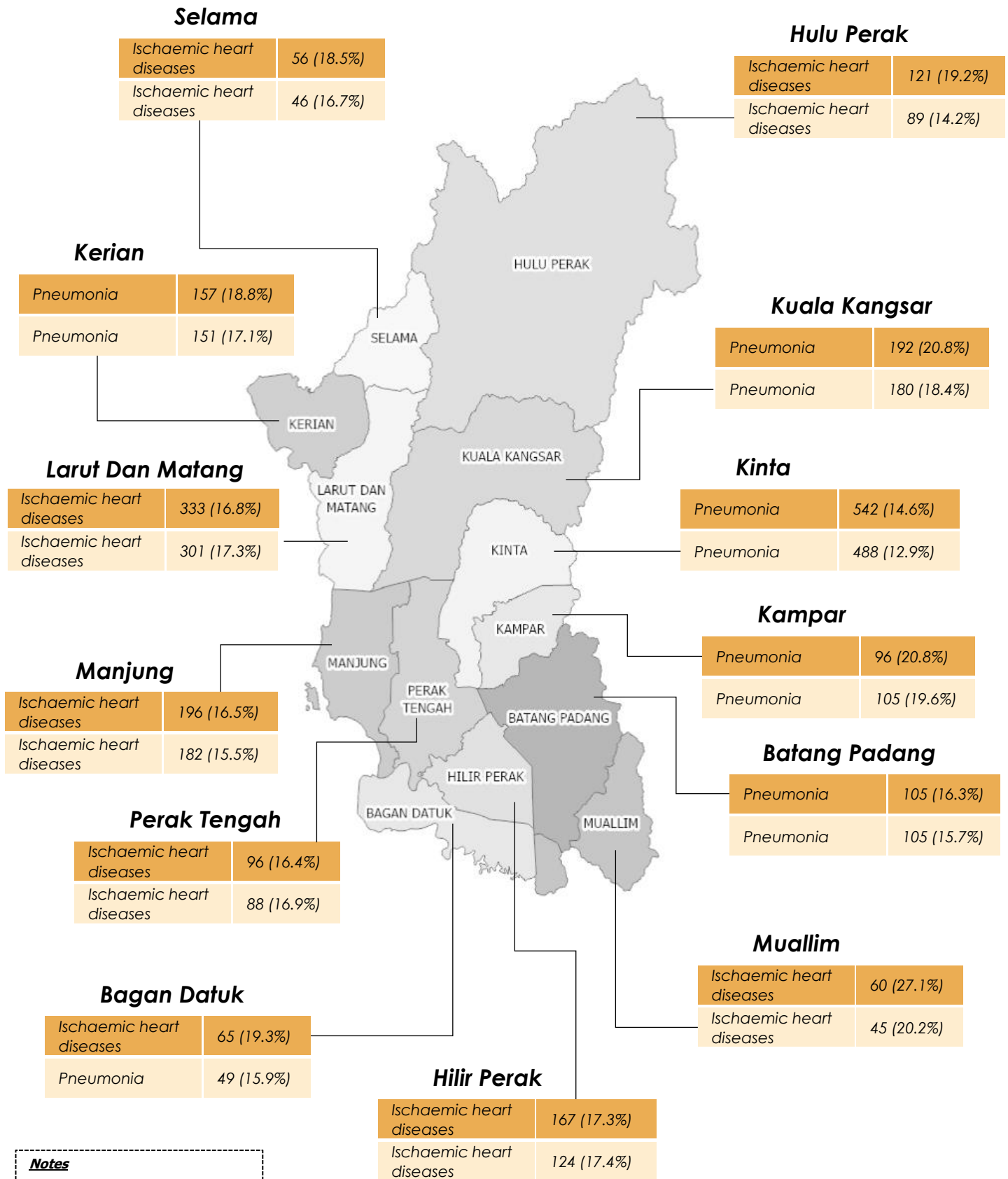
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, PERAK, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Transport accidents	Malignant neoplasm of trachea, bronchus and lung
<b>Total</b>	<b>2,002</b>	<b>1,999</b>	<b>984</b>	<b>429</b>	<b>226</b>
<b>0</b>	-	6 (0.3%)	-	-	-
<b>1-4</b>	-	-	-	2 (0.5%)	-
<b>5-9</b>	-	2 (0.1%)	-	2 (0.5%)	-
<b>10-14</b>	-	1 (0.1%)	1 (0.1%)	7 (1.6%)	-
<b>15-19</b>	-	3 (0.2%)	4 (0.4%)	57 (13.3%)	-
<b>20-24</b>	3 (0.1%)	8 (0.4%)	3 (0.3%)	51 (11.9%)	1 (0.4%)
<b>25-29</b>	5 (0.2%)	15 (0.8%)	7 (0.7%)	43 (10.0%)	1 (0.4%)
<b>30-34</b>	21 (1.0%)	10 (0.5%)	7 (0.7%)	30 (7.0%)	-
<b>35-39</b>	51 (2.5%)	30 (1.5%)	21 (2.1%)	33 (7.7%)	3 (1.3%)
<b>40-44</b>	102 (5.1%)	42 (2.1%)	38 (3.9%)	28 (6.5%)	4 (1.8%)
<b>45-49</b>	126 (6.3%)	43 (2.2%)	44 (4.5%)	22 (5.1%)	9 (4.0%)
<b>50-54</b>	196 (9.8%)	71 (3.6%)	65 (6.6%)	24 (5.6%)	19 (8.4%)
<b>55-59</b>	255 (12.7%)	115 (5.8%)	84 (8.5%)	27 (6.3%)	29 (12.8%)
<b>60-64</b>	243 (12.1%)	172 (8.6%)	115 (11.7%)	31 (7.2%)	32 (14.2%)
<b>65-69</b>	254 (12.7%)	250 (12.5%)	121 (12.3%)	21 (4.9%)	41 (18.1%)
<b>70-74</b>	231 (11.5%)	309 (15.5%)	126 (12.8%)	24 (5.6%)	40 (17.7%)
<b>75-79</b>	176 (8.8%)	286 (14.3%)	124 (12.6%)	17 (4.0%)	27 (11.9%)
<b>80-84</b>	183 (9.1%)	278 (13.9%)	104 (10.6%)	10 (2.3%)	13 (5.8%)
<b>85 and over</b>	156 (7.8%)	358 (17.9%)	120 (12.2%)	-	7 (3.1%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, PERAK



Notes

Causes of death 2023

Causes of death 2022

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, PERLIS, 2023



PERLIS



1,179 (54.3%)  
deaths



2,171  
deaths



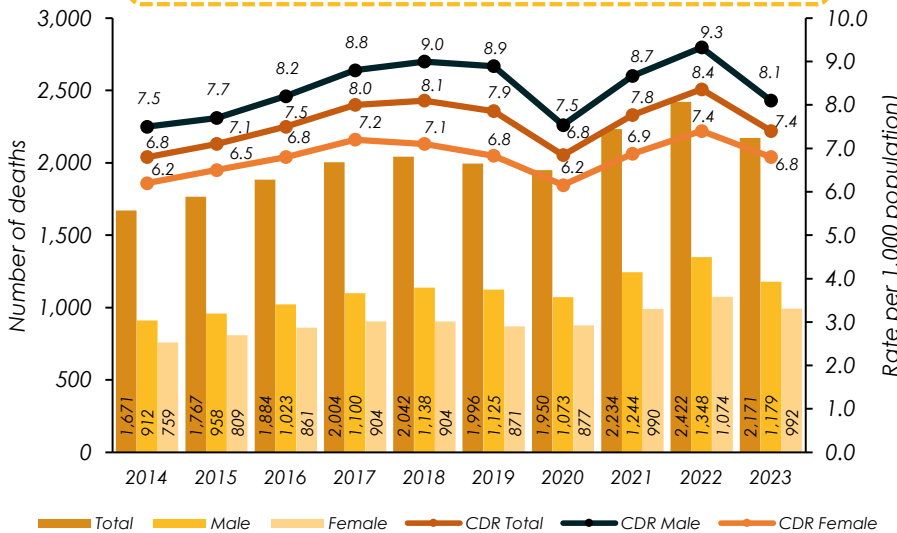
992 (45.7%)  
deaths

AVERAGE

6 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PERLIS, 2014-2023

The number of deaths in 2023 decreased 10.4 per cent (251 deaths) as compared to 2022 (2,422 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Pneumonia

was the principal causes of death in Perlis in 2023

18.6%



Pneumonia

19.0%



Pneumonia

18.0%

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, PERLIS, 2023

1 Diseases of the circulatory system

31.0%

35.9%

3 Neoplasms

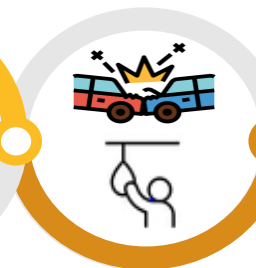
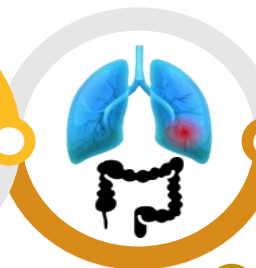
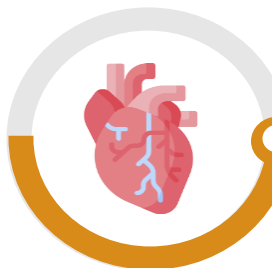
11.5%

8.9%

5 External causes of morbidity and mortality

6.3%

5.6%



2 Diseases of the respiratory system

23.1%

19.9%

4 Certain infectious and parasitic diseases

8.5%

7.4%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, PERLIS, 2023



**Malay (1,156 deaths)**

1	Pneumonia	18.7%
2	Ischaemic heart diseases	15.1%
3	Cerebrovascular diseases	8.8%
4	Transport accidents	3.5%
5	Malignant neoplasm of trachea, bronchus and lung	2.0%



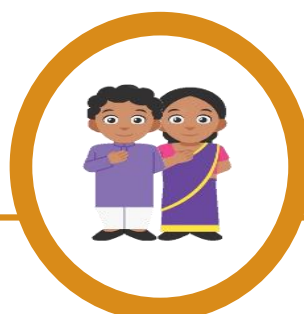
**Other Bumiputera (0 deaths)**

Note : No medically certified deaths recorded for Other Bumiputera.



**Chinese (133 deaths)**

1	Pneumonia	19.5%
2	Ischaemic heart diseases	15.0%
3	Cerebrovascular diseases	5.3%
4	Malignant neoplasm of liver and intrahepatic bile ducts	2.3%
5	Malignant neoplasm of pancreas	2.3%

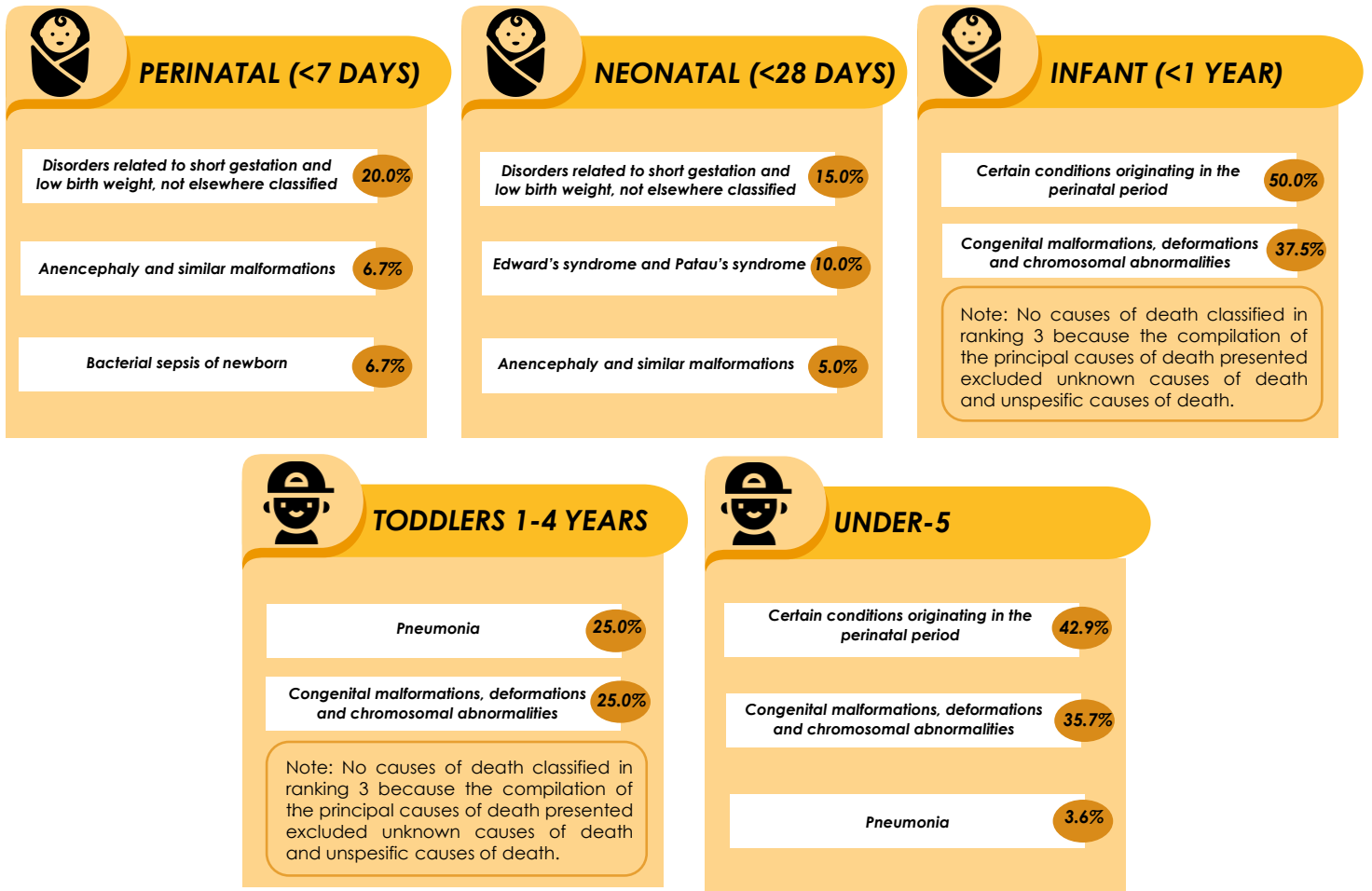


**Indians (19 deaths)**

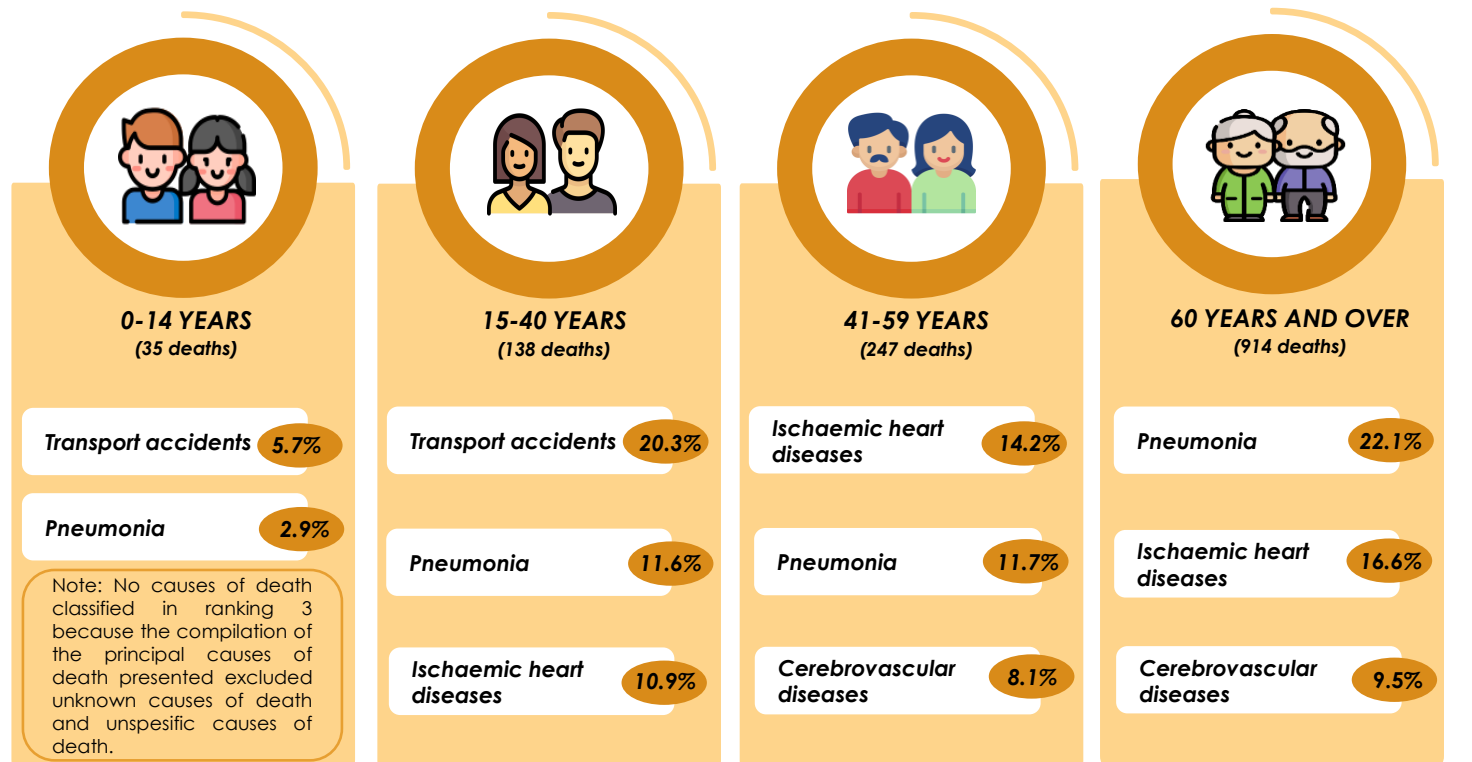
1	Ischaemic heart diseases	21.1%
2	Pneumonia	21.1%
3	Malignant neoplasm of pancreas	5.3%
4	Malignant neoplasm of breast	5.3%
5	Diabetes mellitus	5.3%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, PERLIS, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, PERLIS, 2023



Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, PERLIS, 2023**

Age group	Pneumonia	Ischaemic heart diseases	Cerebrovascular diseases	Transport accidents	Malignant neoplasm of trachea, bronchus and lung
<b>Total</b>	<b>248</b>	<b>202</b>	<b>111</b>	<b>44</b>	<b>26</b>
<b>0</b>	-	-	-	-	-
<b>1-4</b>	1 (0.4%)	-	-	-	-
<b>5-9</b>	-	-	-	-	-
<b>10-14</b>	-	-	-	2 (4.5%)	-
<b>15-19</b>	1 (0.4%)	-	-	7 (15.9%)	-
<b>20-24</b>	3 (1.2%)	-	-	12 (27.3%)	-
<b>25-29</b>	5 (2.0%)	5 (2.5%)	-	2 (4.5%)	-
<b>30-34</b>	1 (0.4%)	2 (1.0%)	1 (0.9%)	5 (11.4%)	-
<b>35-39</b>	6 (2.4%)	6 (3.0%)	3 (2.7%)	2 (4.5%)	-
<b>40-44</b>	3 (1.2%)	8 (4.0%)	1 (0.9%)	1 (2.3%)	1 (3.8%)
<b>45-49</b>	4 (1.6%)	5 (2.5%)	4 (3.6%)	1 (2.3%)	3 (11.5%)
<b>50-54</b>	9 (3.6%)	9 (4.5%)	4 (3.6%)	3 (6.8%)	-
<b>55-59</b>	13 (5.2%)	15 (7.4%)	11 (9.9%)	-	2 (7.7%)
<b>60-64</b>	21 (8.5%)	23 (11.4%)	8 (7.2%)	2 (4.5%)	5 (19.2%)
<b>65-69</b>	33 (13.3%)	32 (15.8%)	9 (8.1%)	1 (2.3%)	4 (15.4%)
<b>70-74</b>	29 (11.7%)	21 (10.4%)	18 (16.2%)	3 (6.8%)	6 (23.1%)
<b>75-79</b>	33 (13.3%)	27 (13.4%)	18 (16.2%)	1 (2.3%)	3 (11.5%)
<b>80-84</b>	37 (14.9%)	28 (13.9%)	16 (14.4%)	2 (4.5%)	2 (7.7%)
<b>85 and over</b>	49 (19.8%)	21 (10.4%)	18 (16.2%)	-	-

Note: The analysis is based on medically certified deaths



NUMBER OF DEATHS, PULAU PINANG, 2023



PULAU PINANG



6,851 (55.7%)  
deaths



12,304  
deaths



5,453 (44.3%)  
deaths

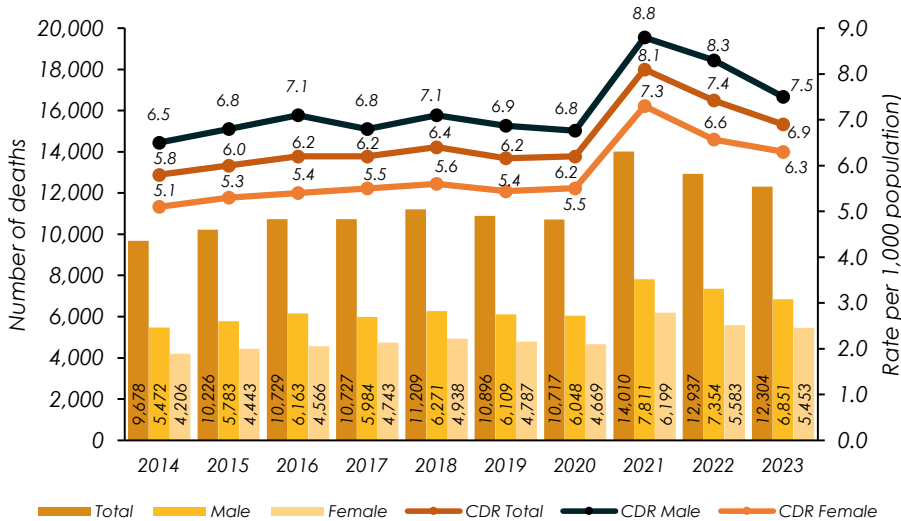
AVERAGE

1 deaths per hour

34 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), PULAU PINANG, 2014-2023

The number of deaths in 2023 decreased 4.9 per cent (633 deaths) as compared to 2022 (12,937 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Pneumonia

was the principal causes of death in Pulau Pinang in 2023

17.8%



Ischaemic heart diseases

17.7%



Pneumonia

18.2%



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

25.0%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, PULAU PINANG, 2023

1 Diseases of the circulatory system

27.1%  
29.8%

3 Neoplasms

14.3%  
12.5%

5 External causes of morbidity and mortality

7.8%  
7.3%

2 Diseases of the respiratory system

22.8%  
19.7%

4 Certain infectious and parasitic diseases

8.6%  
9.1%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, PULAU PINANG, 2023



Malay (2,966 deaths)

1	Pneumonia	16.4%
2	Ischaemic heart diseases	15.8%
3	Cerebrovascular diseases	6.3%
4	Transport accidents	4.7%
5	Diabetes mellitus	2.8%



Other Bumiputera (17 deaths)

1	Ischaemic heart diseases	17.6%
2	Transport accidents	11.8%
3	Malignant neoplasm of trachea, bronchus and lung	5.9%
4	Malignant neoplasm of meninges, brain and other parts of central nervous system	5.9%
5	Pneumonia	5.9%



Chinese (3,576 deaths)

1	Pneumonia	19.0%
2	Ischaemic heart diseases	14.1%
3	Cerebrovascular diseases	4.8%
4	Malignant neoplasm of trachea, bronchus and lung	3.3%
5	Malignant neoplasm of colon, rectum and anus	2.8%



Indians (1,142 deaths)

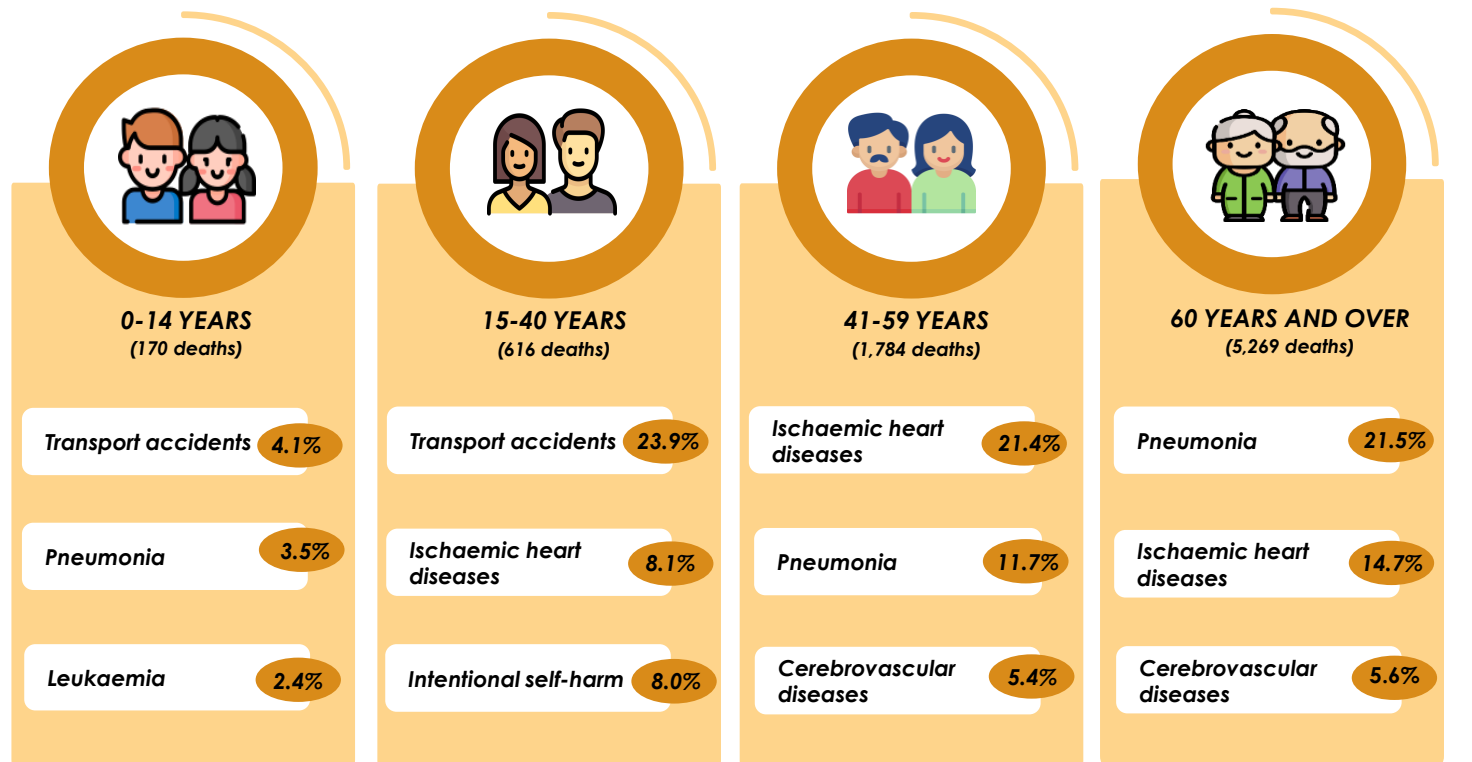
1	Ischaemic heart diseases	19.4%
2	Pneumonia	17.7%
3	Transport accidents	6.0%
4	Cerebrovascular diseases	4.6%
5	Diabetes mellitus	2.7%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, PULAU PINANG, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, PULAU PINANG, 2023



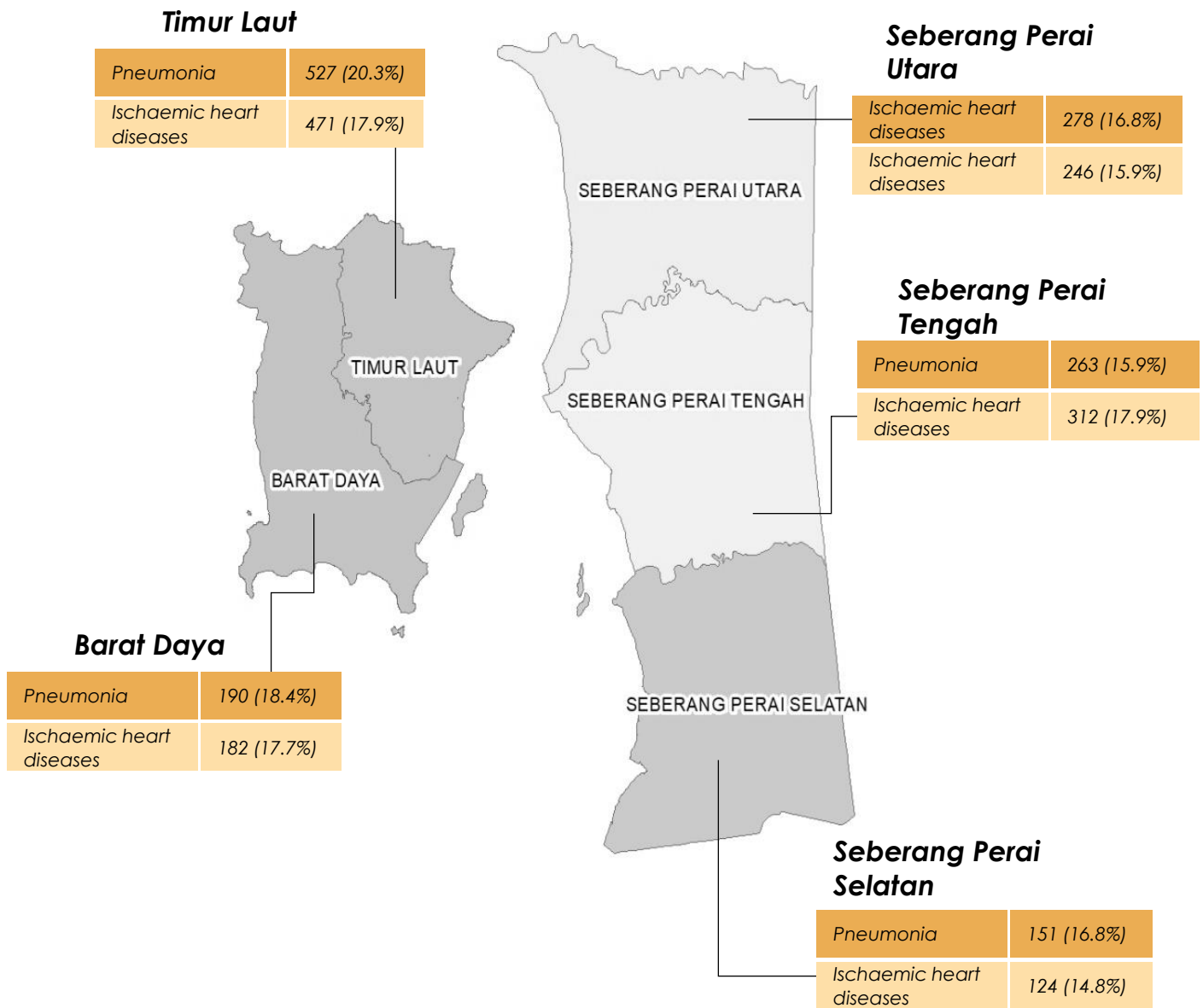
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, PULAU PINANG, 2023**

Age group	Pneumonia	Ischaemic heart diseases	Cerebrovascular diseases	Transport accidents	Malignant neoplasm of trachea, bronchus and lung
<b>Total</b>	<b>1,394</b>	<b>1,209</b>	<b>415</b>	<b>311</b>	<b>174</b>
<b>0</b>	3 (0.2%)	-	-	1 (0.3%)	-
<b>1-4</b>	-	-	-	-	-
<b>5-9</b>	2 (0.1%)	-	-	1 (0.3%)	-
<b>10-14</b>	1 (0.1%)	-	-	5 (1.6%)	-
<b>15-19</b>	2 (0.1%)	-	-	40 (12.9%)	-
<b>20-24</b>	-	1 (0.1%)	2 (0.5%)	33 (10.6%)	-
<b>25-29</b>	8 (0.6%)	5 (0.4%)	3 (0.7%)	29 (9.3%)	-
<b>30-34</b>	13 (0.9%)	14 (1.2%)	4 (1.0%)	21 (6.8%)	-
<b>35-39</b>	19 (1.4%)	19 (1.6%)	10 (2.4%)	17 (5.5%)	4 (2.3%)
<b>40-44</b>	18 (1.3%)	55 (4.5%)	10 (2.4%)	18 (5.8%)	5 (2.9%)
<b>45-49</b>	47 (3.4%)	83 (6.9%)	17 (4.1%)	15 (4.8%)	8 (4.6%)
<b>50-54</b>	68 (4.9%)	104 (8.6%)	23 (5.5%)	18 (5.8%)	8 (4.6%)
<b>55-59</b>	79 (5.7%)	151 (12.5%)	51 (12.3%)	28 (9.0%)	14 (8.0%)
<b>60-64</b>	115 (8.2%)	139 (11.5%)	47 (11.3%)	22 (7.1%)	30 (17.2%)
<b>65-69</b>	172 (12.3%)	181 (15.0%)	53 (12.8%)	20 (6.4%)	32 (18.4%)
<b>70-74</b>	204 (14.6%)	139 (11.5%)	49 (11.8%)	27 (8.7%)	22 (12.6%)
<b>75-79</b>	224 (16.1%)	143 (11.8%)	58 (14.0%)	6 (1.9%)	22 (12.6%)
<b>80-84</b>	203 (14.6%)	101 (8.4%)	42 (10.1%)	6 (1.9%)	20 (11.5%)
<b>85 and over</b>	216 (15.5%)	74 (6.1%)	46 (11.1%)	4 (1.3%)	9 (5.2%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, PULAU PINANG



**Notes**

Causes of death 2023

Causes of death 2022

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, SABAH, 2023



SABAH



9,680 (58.3%)  
deaths



16,610  
deaths



6,930 (41.7%)  
deaths

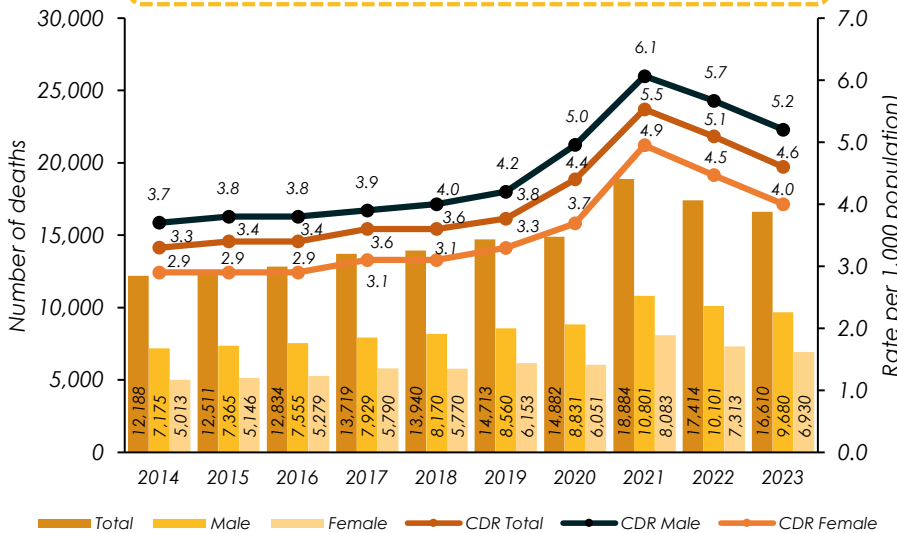
AVERAGE

2 deaths per hour

46 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), SABAH, 2014-2023

The number of deaths in 2023 decreased 4.6 per cent (804 deaths) as compared to 2022 (17,414 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



**Pneumonia** was the principal causes of death in Sabah in 2023

14.2%



Pneumonia

13.5%



Pneumonia

15.2%



11.8%

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

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, SABAH, 2023

1 Diseases of the circulatory system

23.9%

24.1%

3 Neoplasms

17.3%

15.2%

5 External causes of morbidity and mortality

5.3%

5.3%

2 Diseases of the respiratory system

20.6%

19.4%

4 Certain infectious and parasitic diseases

8.1%

6.5%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, SABAH, 2023



Malay (1,118 deaths)

1	Pneumonia	12.4%
2	Ischaemic heart diseases	10.6%
3	Cerebrovascular diseases	7.3%
4	Malignant neoplasm of colon, rectum and anus	2.5%
5	Hypertensive diseases	2.3%



Other Bumiputera (5,164 deaths)

1	Pneumonia	13.8%
2	Ischaemic heart diseases	6.6%
3	Cerebrovascular diseases	6.6%
4	Transport accidents	2.7%
5	Hypertensive diseases	2.7%



Chinese (1,211 deaths)

1	Pneumonia	17.8%
2	Ischaemic heart diseases	9.7%
3	Cerebrovascular diseases	6.3%
4	Malignant neoplasm of colon, rectum and anus	3.1%
5	Malignant neoplasm of trachea, bronchus and lung	3.0%



Indians (29 deaths)

1	Pneumonia	20.7%
2	Ischaemic heart diseases	17.2%
3	Cerebrovascular diseases	6.9%
4	Malignant neoplasm of liver and intrahepatic bile ducts	3.4%
5	Leukaemia	3.4%

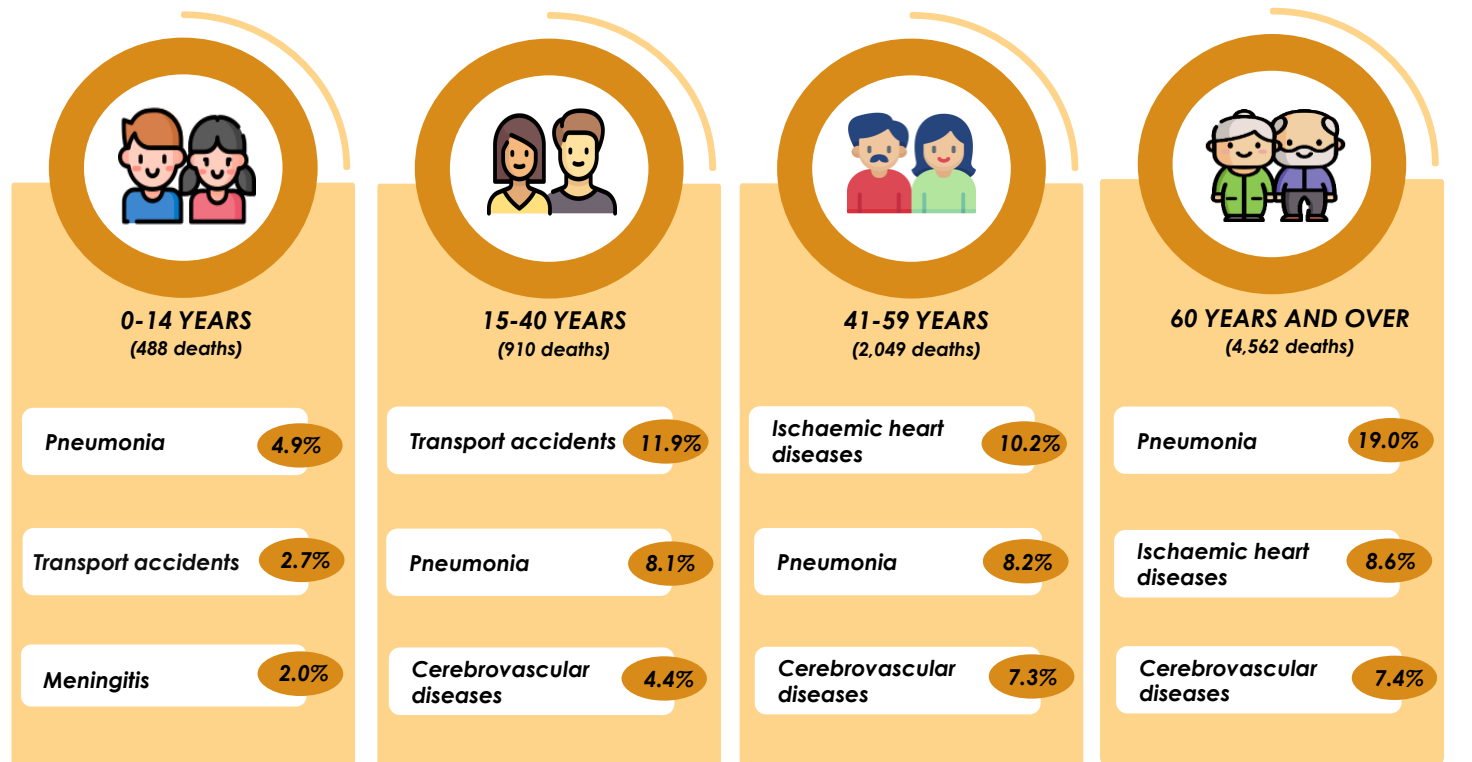
Note: The analysis is based on medically certified deaths



THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, SABAH, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, SABAH, 2023



Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, SABAH, 2023**

Age group	Pneumonia	Ischaemic heart diseases	Cerebrovascular diseases	Hypertensive diseases	Chronic lower respiratory diseases
<b>Total</b>	<b>1,134</b>	<b>635</b>	<b>530</b>	<b>200</b>	<b>188</b>
<b>0</b>	8 (0.7%)	-	-	-	1 (0.5%)
<b>1-4</b>	9 (0.8%)	-	-	-	1 (0.5%)
<b>5-9</b>	4 (0.4%)	-	-	-	-
<b>10-14</b>	3 (0.3%)	-	-	-	-
<b>15-19</b>	7 (0.6%)	1 (0.2%)	2 (0.4%)	-	2 (1.1%)
<b>20-24</b>	12 (1.1%)	3 (0.5%)	2 (0.4%)	-	3 (1.6%)
<b>25-29</b>	11 (1.0%)	3 (0.5%)	1 (0.2%)	1 (0.5%)	2 (1.1%)
<b>30-34</b>	19 (1.7%)	11 (1.7%)	9 (1.7%)	3 (1.5%)	1 (0.5%)
<b>35-39</b>	21 (1.9%)	12 (1.9%)	23 (4.3%)	7 (3.5%)	3 (1.6%)
<b>40-44</b>	26 (2.3%)	38 (6.0%)	24 (4.5%)	14 (7.0%)	3 (1.6%)
<b>45-49</b>	34 (3.0%)	45 (7.1%)	45 (8.5%)	15 (7.5%)	4 (2.1%)
<b>50-54</b>	43 (3.8%)	61 (9.6%)	39 (7.4%)	22 (11.0%)	9 (4.8%)
<b>55-59</b>	68 (6.0%)	70 (11.0%)	45 (8.5%)	13 (6.5%)	8 (4.3%)
<b>60-64</b>	106 (9.3%)	87 (13.7%)	49 (9.2%)	32 (16.0%)	17 (9.0%)
<b>65-69</b>	147 (13.0%)	100 (15.7%)	65 (12.3%)	23 (11.5%)	26 (13.8%)
<b>70-74</b>	147 (13.0%)	70 (11.0%)	69 (13.0%)	27 (13.5%)	27 (14.4%)
<b>75-79</b>	135 (11.9%)	56 (8.8%)	44 (8.3%)	16 (8.0%)	27 (14.4%)
<b>80-84</b>	166 (14.6%)	47 (7.4%)	59 (11.1%)	10 (5.0%)	23 (12.2%)
<b>85 and over</b>	168(14.8%)	31 (4.9%)	54 (10.2%)	17 (8.5%)	31 (16.5%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, SABAH



ADMINISTRATIVE DISTRICT	2023		2022	
Tawau	Pneumonia	70 (13.2%)	Pneumonia	72 (10.5%)
Lahad Datu	Pneumonia	42 (13.2%)	Pneumonia	41 (13.9%)
Semporna	Pneumonia	37 (13.0%)	Cerebrovascular diseases	20 (9.4%)
Sandakan	Ischaemic heart diseases	158 (17.6%)	Pneumonia	124 (15.9%)
Kinabatangan	Pneumonia	19 (18.4%)	Ischaemic heart diseases	11 (10.7%)
Beluran	Pneumonia	27 (20.5%)	Pneumonia	18 (15.8%)
Kota Kinabalu	Pneumonia	155 (15.3%)	Pneumonia	146 (12.1%)
Ranau	Pneumonia	49 (15.4%)	Pneumonia	41 (13.6%)
Kota Belud	Pneumonia	51 (13.1%)	Pneumonia	60 (12.3%)
Tuaran	Pneumonia	78 (14.7%)	Pneumonia	87 (14.4%)
Penampang	Pneumonia	62 (15.5%)	Pneumonia	71 (14.9%)
Papar	Pneumonia	63 (12.7%)	Pneumonia	55 (12.2%)
Kudat	Pneumonia	41 (15.1%)	Pneumonia	41 (14.4%)
Kota Marudu	Pneumonia	29 (11.5%)	Pneumonia	36 (15.5%)
Pitas	Pneumonia	33 (17.7%)	Pneumonia	19 (13.8%)
Beaufort	Pneumonia	43 (12.8%)	Pneumonia	48 (12.0%)
Kuala Penyu	Pneumonia	31 (20.9%)	Pneumonia	21 (14.0%)
Sipitang	Pneumonia	14 (10.5%)	Pneumonia	16 (12.7%)
Tenom	Pneumonia	24 (12.7%)	Pneumonia	22 (11.7%)
Nabawan	Pneumonia	11 (13.8%)	Pneumonia	11 (16.2%)
Keningau	Pneumonia	51 (12.2%)	Hypertensive diseases	44 (9.2%)
Tambunan	Pneumonia	22 (15.0%)	Pneumonia	17 (9.5%)
Kunak	Pneumonia	12 (10.7%)	Ischaemic heart diseases	16 (14.3%)
Tongod	Cerebrovascular diseases	7 (10.0%)	Pneumonia	6 (13.6%)
Putatan	Pneumonia	22 (12.5%)	Pneumonia	24 (16.2%)
Telupid	Pneumonia	7 (20.6%)	Cerebrovascular diseases	4 (10.3%)
Kalabakan	Malignant neoplasm of breast	3 (8.1%)	Ischaemic heart diseases	3 (9.7%)

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, SARAWAK, 2023



SARAWAK



9,211 (57.0%)  
deaths



16,158  
deaths



6,947 (43.0%)  
deaths

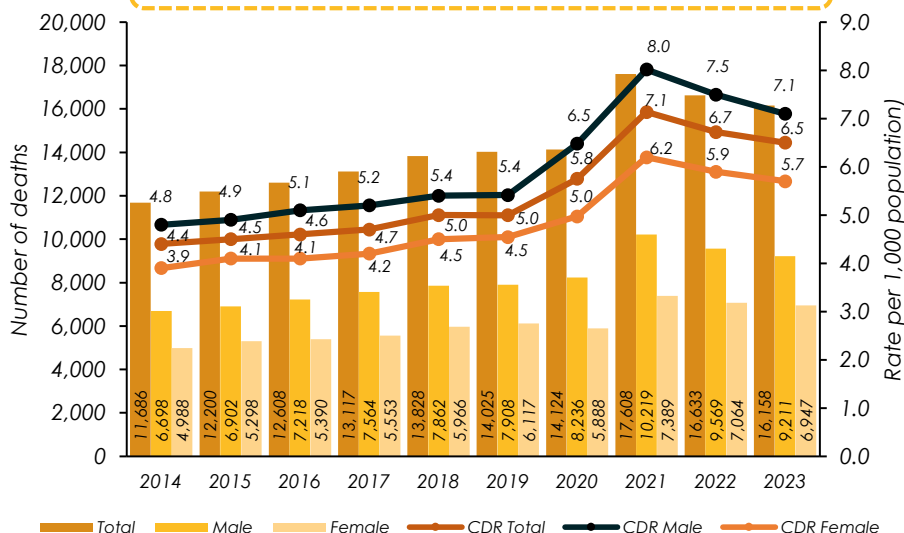
AVERAGE

2 deaths per hour

44 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), SARAWAK, 2014-2023

The number of deaths in 2023 decreased 2.9 per cent (475 deaths) as compared to 2022 (16,633 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



**Pneumonia** was the principal causes of death in Sarawak in 2023

9.9%



Ischaemic heart diseases

9.9%



Pneumonia

10.8%



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

16.7%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, SARAWAK, 2023

1 Diseases of the circulatory system

24.4%

25.4%

3 Diseases of the respiratory system

17.1%

17.0%

5 External causes of morbidity and mortality

6.3%

6.7%

2 Neoplasms

19.8%

17.8%

4 Certain infectious and parasitic diseases

8.7%

7.2%

Notes:

	2023
	2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, SARAWAK, 2023



Malay (1,453 deaths)

1	Ischaemic heart diseases	9.4%
2	Cerebrovascular diseases	8.7%
3	Pneumonia	7.4%
4	Malignant neoplasm of trachea, bronchus and lung	3.5%
5	Chronic lower respiratory diseases	3.3%



Other Bumiputera (3,839 deaths)

1	Pneumonia	10.3%
2	Ischaemic heart diseases	8.1%
3	Cerebrovascular diseases	6.8%
4	Chronic lower respiratory diseases	4.2%
5	Malignant neoplasm of trachea, bronchus and lung	3.2%



Chinese (2,412 deaths)

1	Pneumonia	10.9%
2	Ischaemic heart diseases	7.7%
3	Cerebrovascular diseases	6.6%
4	Malignant neoplasm of trachea, bronchus and lung	4.1%
5	Malignant neoplasm of colon, rectum and anus	3.7%

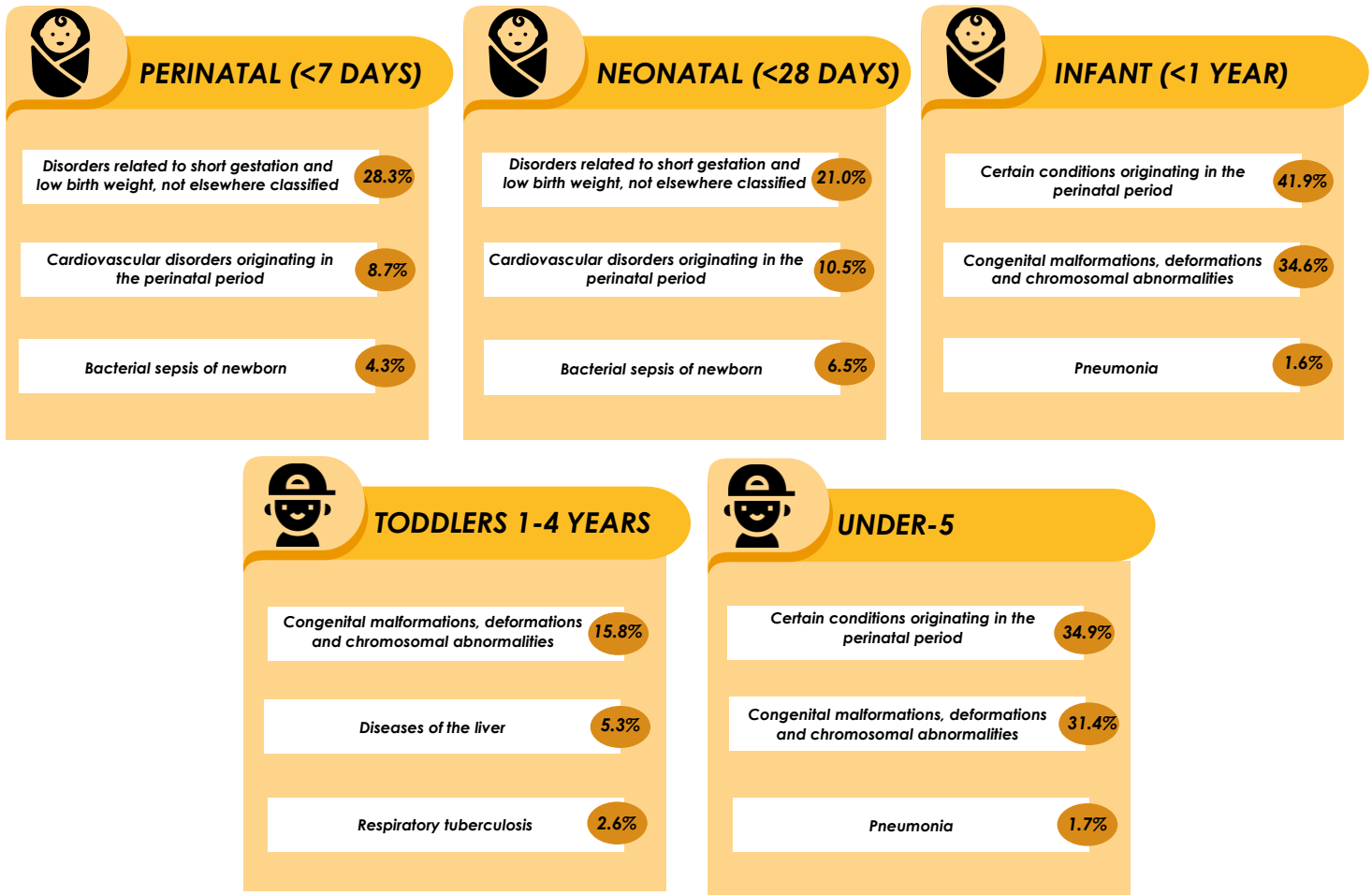


Indians (23 deaths)

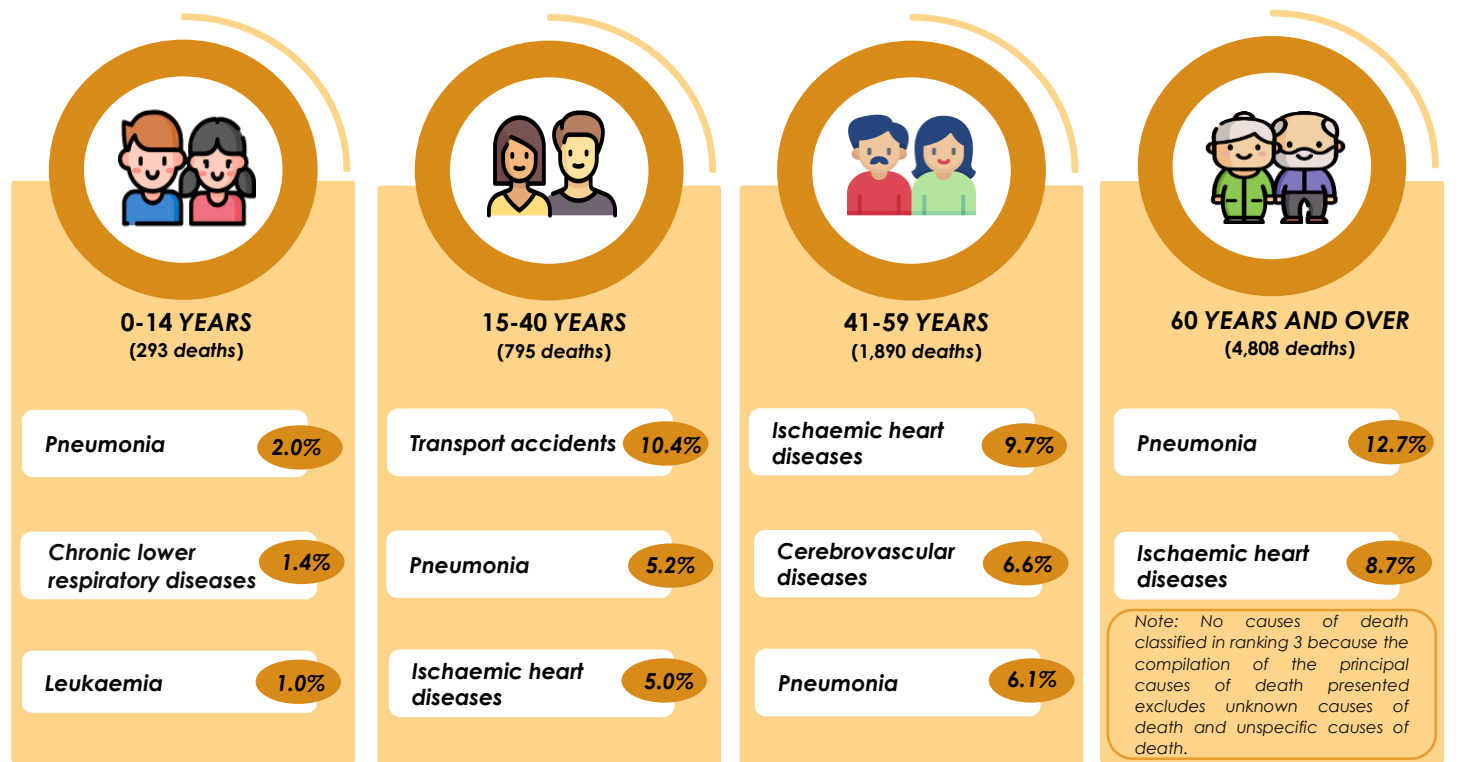
1	Ischaemic heart diseases	21.7%
2	Hypertensive diseases	8.7%
3	Pneumonia	8.7%
4	Transport accidents	8.7%
5	Malignant neoplasm of stomach	4.3%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, SARAWAK, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, SARAWAK, 2023



Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, SARAWAK, 2023**

Age group	Pneumonia	Ischaemic heart diseases	Cerebrovascular diseases	Malignant neoplasm of trachea, bronchus and lung	Chronic lower respiratory diseases
<b>Total</b>	<b>773</b>	<b>640</b>	<b>552</b>	<b>272</b>	<b>249</b>
<b>0</b>	3 (0.4%)	-	-	-	3 (1.2%)
<b>1-4</b>	1 (0.1%)	-	-	-	1 (0.4%)
<b>5-9</b>	1 (0.1%)	-	-	-	-
<b>10-14</b>	1 (0.1%)	-	-	-	-
<b>15-19</b>	2 (0.3%)	-	-	-	-
<b>20-24</b>	4 (0.5%)	4 (0.6%)	1 (0.2%)	-	-
<b>25-29</b>	7 (0.9%)	4 (0.6%)	3 (0.5%)	-	4 (1.6%)
<b>30-34</b>	9 (1.2%)	11 (1.7%)	8 (1.4%)	4 (1.5%)	3 (1.2%)
<b>35-39</b>	17 (2.2%)	14 (2.2%)	19 (3.4%)	5 (1.8%)	3 (1.2%)
<b>40-44</b>	14 (1.8%)	29 (4.5%)	23 (4.2%)	9 (3.3%)	1 (0.4%)
<b>45-49</b>	31 (4.0%)	42 (6.6%)	25 (4.5%)	17 (6.3%)	8 (3.2%)
<b>50-54</b>	36 (4.7%)	55 (8.6%)	41 (7.4%)	29 (10.7%)	8 (3.2%)
<b>55-59</b>	37 (4.8%)	64 (10.0%)	45 (8.2%)	35 (12.9%)	9 (3.6%)
<b>60-64</b>	58 (7.5%)	73 (11.4%)	46 (8.3%)	32 (11.8%)	19 (7.6%)
<b>65-69</b>	80 (10.3%)	87 (13.6%)	70 (12.7%)	39 (14.3%)	40 (16.1%)
<b>70-74</b>	109 (14.1%)	86 (13.4%)	62 (11.2%)	36 (13.2%)	35 (14.1%)
<b>75-79</b>	114 (14.7%)	71 (11.1%)	76 (13.8%)	36 (13.2%)	42 (16.9%)
<b>80-84</b>	100 (12.9%)	56 (8.8%)	60 (10.9%)	22 (8.1%)	34 (13.7%)
<b>85 and over</b>	149 (19.3%)	44 (6.9%)	73 (13.2%)	8 (2.9%)	39 (15.7%)

Note: The analysis is based on medically certified deaths



CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, SARAWAK

ADMINISTRATIVE DISTRICT	2023		2022	
<b>Kuching</b>	Ischaemic heart diseases	159 (9.9%)	Ischaemic heart diseases	180 (10.7%)
<b>Bau</b>	Pneumonia	19 (10.1%)	Pneumonia	19 (9.5%)
<b>Lundu</b>	Pneumonia	10 (10.3%)	Cerebrovascular diseases	16 (12.5%)
<b>Samarahan</b>	Cerebrovascular diseases	10 (6.8%)	Ischaemic heart diseases	20 (11.5%)
<b>Serian</b>	Ischaemic heart diseases	38 (10.4%)	Ischaemic heart diseases	39 (10.8%)
<b>Simunjan</b>	Cerebrovascular diseases	12 (9.9%)	Pneumonia	17 (12.6%)
<b>Sri Aman</b>	Pneumonia	19 (12.5%)	Pneumonia	20 (10.5%)
<b>Lubok Antu</b>	Ischaemic heart diseases	9 (11.1%)	Ischaemic heart diseases	9 (11.8%)
<b>Betong</b>	Cerebrovascular diseases	18 (11.6%)	Cerebrovascular diseases	26 (11.6%)
<b>Saratok</b>	Cerebrovascular diseases	14 (13.2%)	Pneumonia	10 (11.5%)
<b>Sarikei</b>	Pneumonia	24 (10.3%)	Cerebrovascular diseases	18 (10.1%)
<b>Maradong</b>	Pneumonia	16 (14.8%)	Pneumonia	12 (10.4%)
<b>Daro</b>	Pneumonia	4 (10.8%)	Cerebrovascular diseases	8 (13.8%)
<b>Julau</b>	Pneumonia	6 (10.5%)	Cerebrovascular diseases	6 (10.3%)
<b>Sibu</b>	Pneumonia	103 (9.0%)	Pneumonia	97 (10.8%)
<b>Dalat</b>	Hypertensive diseases	6 (7.3%)	Cerebrovascular diseases	9 (10.6%)
<b>Mukah</b>	Ischaemic heart diseases	14 (10.2%)	Pneumonia	22 (14.0%)
<b>Kanowit</b>	Pneumonia	15 (9.3%)	Pneumonia	27 (16.3%)
<b>Bintulu</b>	Ischaemic heart diseases	27 (10.2%)	Pneumonia	34 (11.3%)
<b>Tatau</b>	Ischaemic heart diseases	7 (10.4%)	Pneumonia	7 (9.7%)
<b>Kapit</b>	Ischaemic heart diseases	12 (8.6%)	Pneumonia	14 (9.9%)
<b>Song</b>	Pneumonia	8 (12.5%)	Ischaemic heart diseases	5 (12.5%)
<b>Belaga</b>	Cerebrovascular diseases	9 (13.8%)	Malignant neoplasm of trachea, bronchus and lung	4 (10.5%)
<b>Miri</b>	Pneumonia	114 (15.7%)	Pneumonia	101 (12.5%)
<b>Marudi</b>	Pneumonia	18 (17.8%)	Pneumonia	11 (12.6%)
<b>Limbang</b>	Cerebrovascular diseases	34 (12.8%)	Pneumonia	15 (9.1%)
<b>Lawas</b>	Pneumonia	14 (10.0%)	Pneumonia	17 (10.3%)
<b>Matu</b>	Cerebrovascular diseases	5 (11.6%)	Cerebrovascular diseases	7 (14.3%)
<b>Asajaya</b>	Ischaemic heart diseases	9 (10.8%)	Hypertensive diseases	7 (8.2%)
<b>Pakan</b>	Pneumonia	10 (18.9%)	Chronic lower respiratory diseases	7 (15.2%)
<b>Selangau</b>	Cerebrovascular diseases	6 (8.2%)	Pneumonia	11 (14.7%)
<b>Tebedu</b>	Pneumonia	8 (9.9%)	Pneumonia	7 (9.5%)
<b>Pusa</b>	Ischaemic heart diseases	10 (10.4%)	Ischaemic heart diseases	15 (14.0%)
<b>Kabong</b>	Cerebrovascular diseases	9 (10.8%)	Chronic lower respiratory diseases	10 (13.5%)
<b>Tanjung Manis</b>	Ischaemic heart diseases	2 (10.5%)	Ischaemic heart diseases	5 (20.0%)
<b>Sebauh</b>	Cerebrovascular diseases	10 (13.5%)	Cerebrovascular diseases	8 (10.1%)
<b>Bukit Mabong</b>	Pneumonia	6 (10.5%)	Pneumonia	11 (19.3%)
<b>Subis</b>	Pneumonia	30 (18.3%)	Pneumonia	19 (12.3%)
<b>Beluru</b>	Pneumonia	17 (19.3%)	Pneumonia	13 (13.7%)
<b>Telang Usan</b>	Pneumonia	14 (23.0%)	Pneumonia	11 (17.5%)

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, SELANGOR, 2023



SELANGOR



19,029 (58.3%)  
deaths



32,646  
deaths



13,617 (41.7%)  
deaths

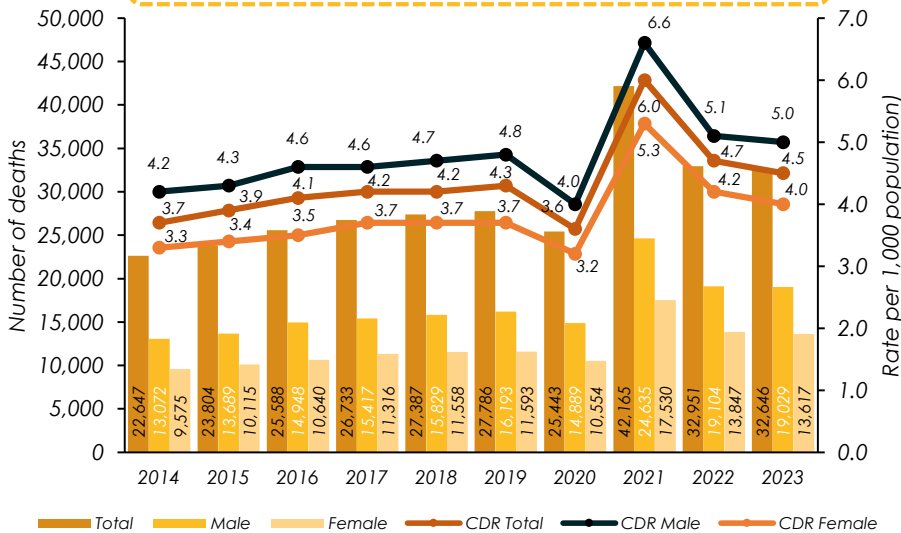
AVERAGE

4 deaths per hour

89 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), SELANGOR, 2014-2023

The number of deaths in 2023 decreased **0.9 per cent** (305 deaths) as compared to 2022 (32,951 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



**Ischaemic heart diseases** was the principal causes of death in **Selangor** in 2023

15.2%



**Ischaemic heart diseases**

18.2%



**Pneumonia**

16.4%



**Obstetric embolism**

26.7%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, SELANGOR, 2023

1 Diseases of the circulatory system

27.8%

29.4%

3 Neoplasms

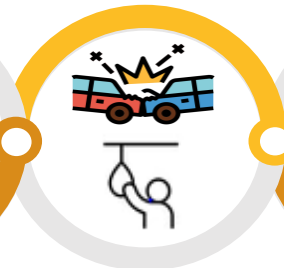
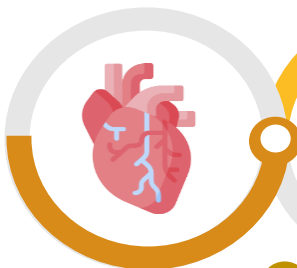
14.9%

14.9%

5 Certain infectious and parasitic diseases

7.9%

7.6%



2 Diseases of the respiratory system

20.1%

16.5%

4 External causes of morbidity and mortality

8.0%

7.0%

Notes

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, SELANGOR, 2023



Malay (9,643 deaths)

1	Pneumonia	14.8%
2	Ischaemic heart diseases	14.3%
3	Cerebrovascular diseases	6.4%
4	Transport accidents	4.9%
5	Malignant neoplasm of breast	1.7%



Other Bumiputera (277 deaths)

1	Ischaemic heart diseases	13.4%
2	Transport accidents	10.1%
3	Pneumonia	9.7%
4	Cerebrovascular diseases	7.6%
5	Diseases of the liver	1.8%



Chinese (5,859 deaths)

1	Pneumonia	16.6%
2	Ischaemic heart diseases	14.2%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	3.1%
5	Malignant neoplasm of colon, rectum and anus	3.0%

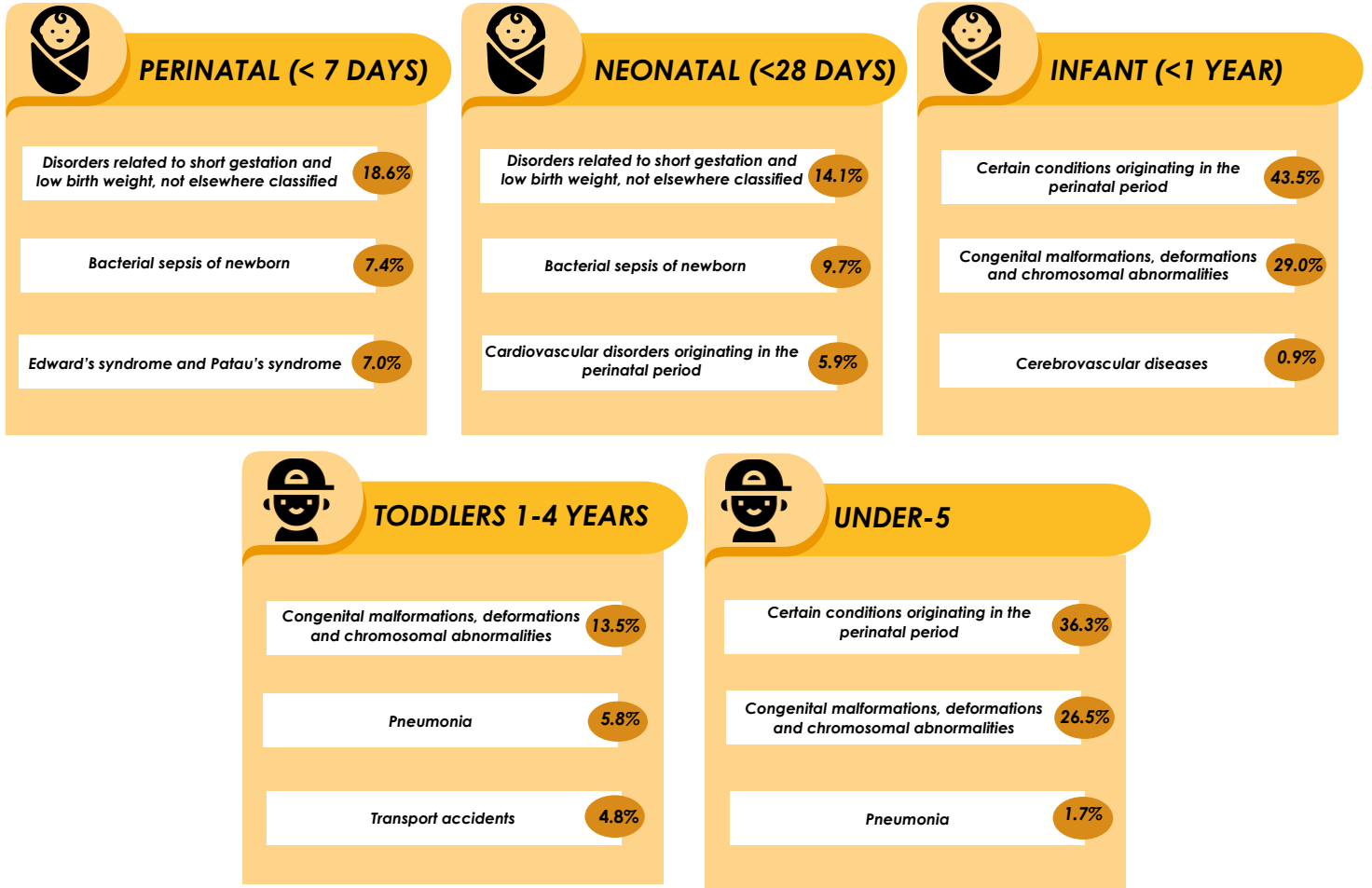


Indians (3,589 deaths)

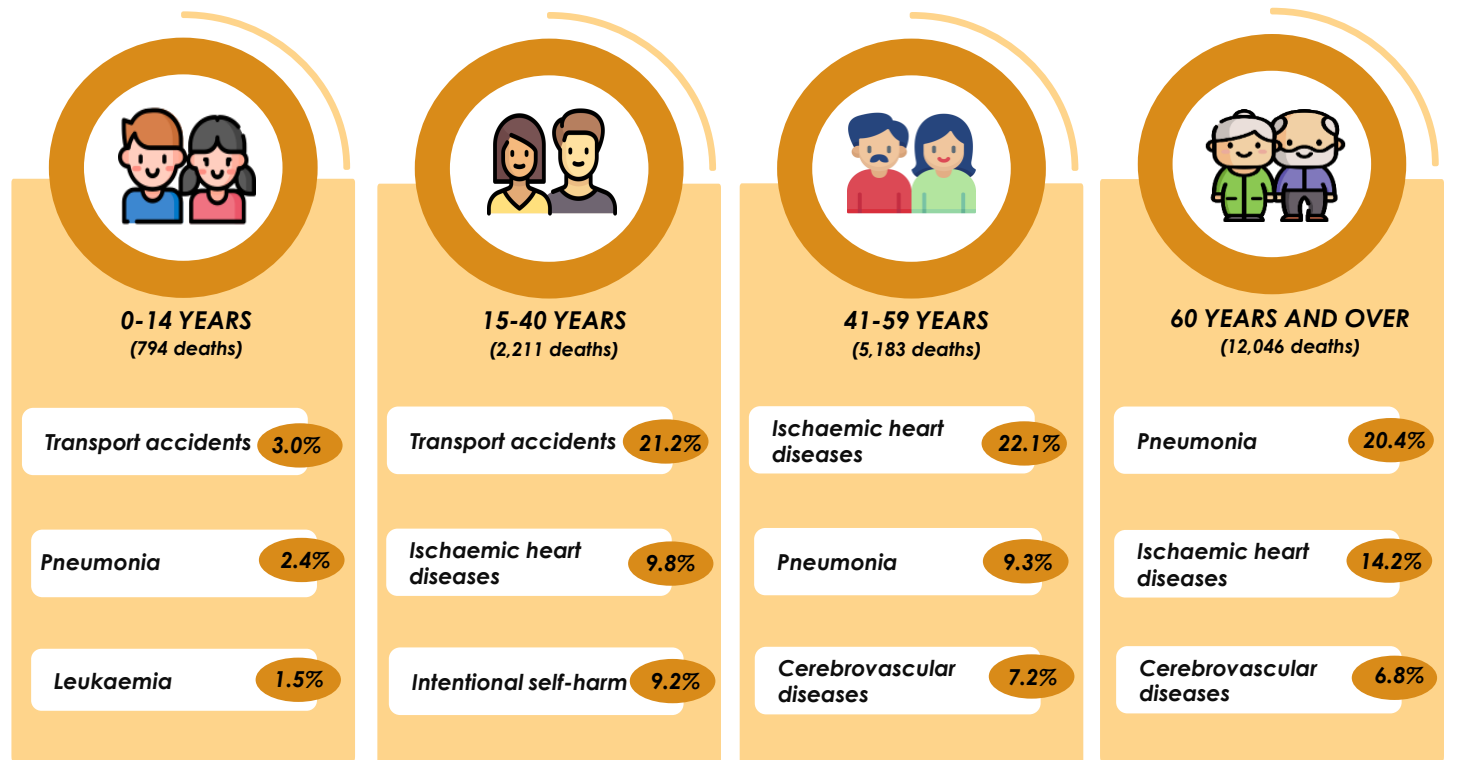
1	Ischaemic heart diseases	20.4%
2	Pneumonia	14.5%
3	Cerebrovascular diseases	5.4%
4	Transport accidents	4.6%
5	Diseases of the liver	2.6%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, SELANGOR, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, SELANGOR, 2023



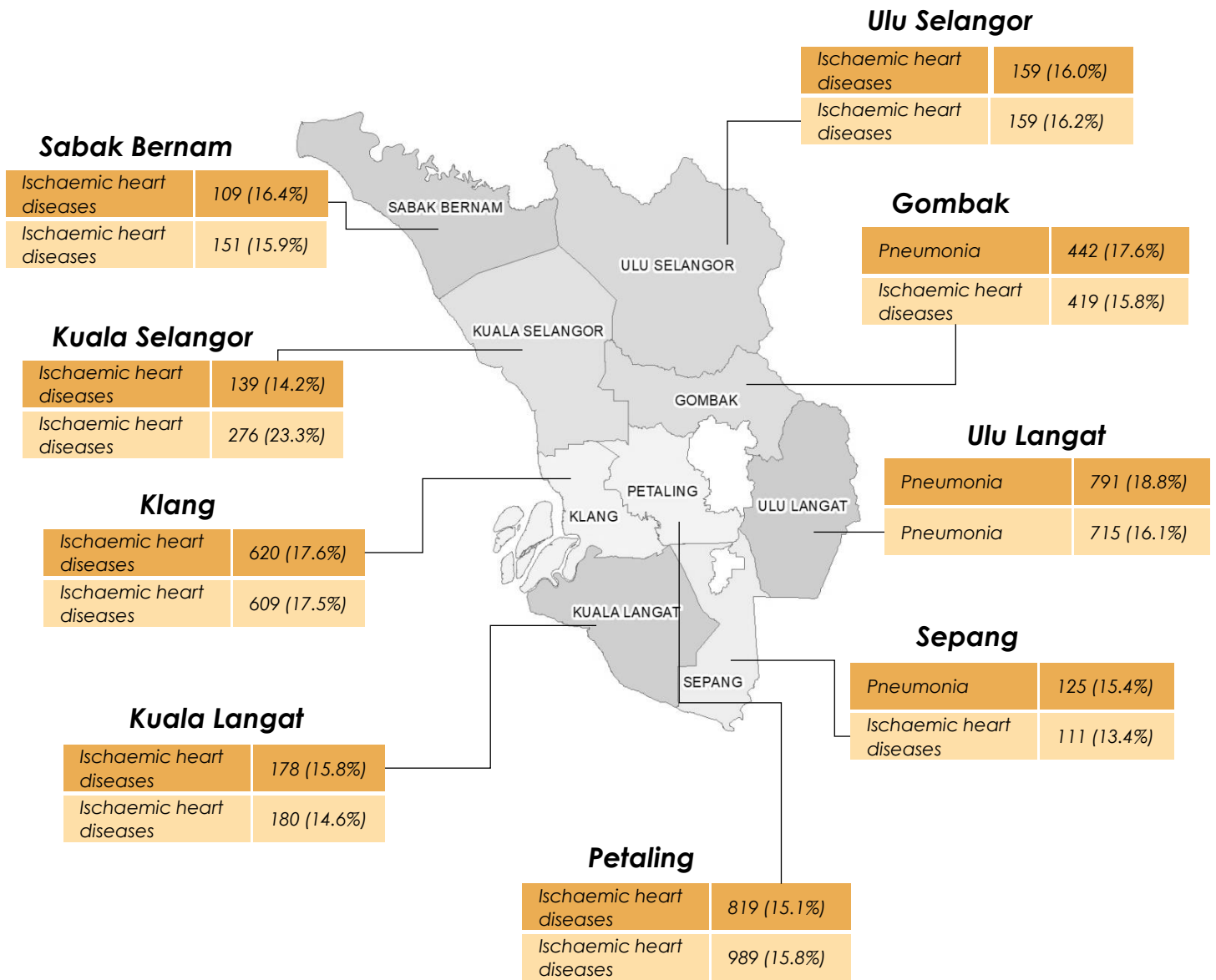
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, SELANGOR, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Transport accidents	Malignant neoplasm of trachea, bronchus and lung
<b>Total</b>	<b>3,076</b>	<b>3,072</b>	<b>1,283</b>	<b>775</b>	<b>390</b>
<b>0</b>	-	5 (0.2%)	-	1 (0.1%)	-
<b>1-4</b>	-	6 (0.2%)	-	5 (0.6%)	-
<b>5-9</b>	-	1 (0.0%)	-	5 (0.6%)	-
<b>10-14</b>	-	7 (0.2%)	2 (0.2%)	13 (1.7%)	-
<b>15-19</b>	3 (0.1%)	10 (0.3%)	3 (0.2%)	109 (14.1%)	-
<b>20-24</b>	1 (0.0%)	14 (0.5%)	7 (0.5%)	124 (16.0%)	-
<b>25-29</b>	17 (0.6%)	17 (0.6%)	7 (0.5%)	92 (11.9%)	-
<b>30-34</b>	53 (1.7%)	28 (0.9%)	11 (0.9%)	74 (9.5%)	1 (0.3%)
<b>35-39</b>	117 (3.8%)	39 (1.3%)	46 (3.6%)	63 (8.1%)	1 (0.3%)
<b>40-44</b>	180 (5.9%)	68 (2.2%)	61 (4.8%)	50 (6.5%)	12 (3.1%)
<b>45-49</b>	272 (8.8%)	96 (3.1%)	89 (6.9%)	61 (7.9%)	23 (5.9%)
<b>50-54</b>	307 (10.0%)	128 (4.2%)	96 (7.5%)	36 (4.6%)	32 (8.2%)
<b>55-59</b>	412 (13.4%)	198 (6.4%)	132 (10.3%)	38 (4.9%)	57 (14.6%)
<b>60-64</b>	392 (12.7%)	271 (8.8%)	151 (11.8%)	28 (3.6%)	60 (15.4%)
<b>65-69</b>	386 (12.5%)	353 (11.5%)	162 (12.6%)	28 (3.6%)	77 (19.7%)
<b>70-74</b>	329 (10.7%)	430 (14.0%)	158 (12.3%)	25 (3.2%)	60 (15.4%)
<b>75-79</b>	262 (8.5%)	447 (14.6%)	136 (10.6%)	18 (2.3%)	35 (9.0%)
<b>80-84</b>	192 (6.2%)	444 (14.5%)	110 (8.6%)	4 (0.5%)	22 (5.6%)
<b>85 and over</b>	153 (5.0%)	510 (16.6%)	112 (8.73%)	1 (0.13%)	10 (2.6%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, SELANGOR



**Notes**

Causes of death 2023

Causes of death 2022

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



NUMBER OF DEATHS, TERENGGANU, 2023



TERENGGANU



4,441 (56.5%)  
deaths



7,857  
deaths



3,416 (43.5%)  
deaths

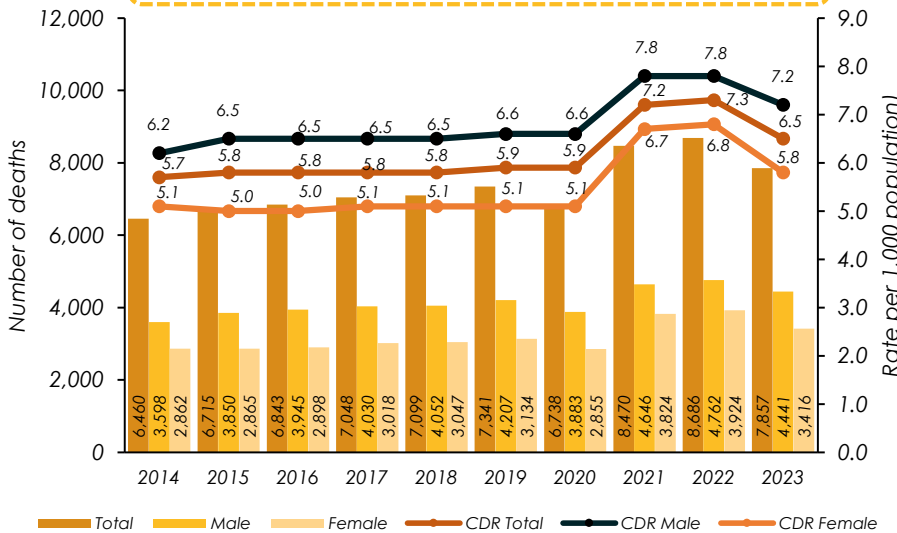
AVERAGE

1 deaths per hour

22 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), TERENGGANU, 2014-2023

The number of deaths in 2023 decreased 9.5 per cent (829 deaths) as compared to 2022 (8,686 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



Ischaemic heart diseases was the principal causes of death in Terengganu in 2023

15.3%



Ischaemic heart diseases

18.7%



Pneumonia

13.6%



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

33.3%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, TERENGGANU, 2023

1 Diseases of the circulatory system

33.0%

33.3%

3 Neoplasms

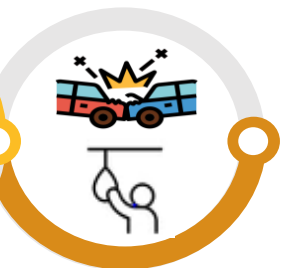
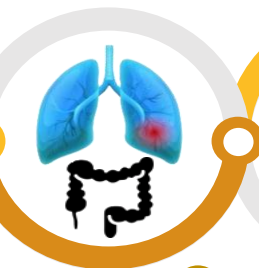
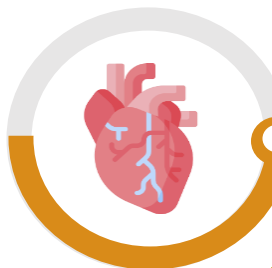
10.9%

9.7%

5 External causes of morbidity and mortality

7.2%

5.5%



2 Diseases of the respiratory system

18.1%

19.1%

4 Certain infectious and parasitic diseases

7.4%

6.4%

Notes

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, TERENGGANU, 2023



Malay (4,874 deaths)

1	Ischaemic heart diseases	15.0%
2	Pneumonia	13.6%
3	Cerebrovascular diseases	10.3%
4	Transport accidents	4.3%
5	Diabetes mellitus	4.0%



Other Bumiputera (12 deaths)

1	Ischaemic heart diseases	25.0%
2	Cerebrovascular diseases	16.7%
3	Pneumonia	16.7%

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



Chinese (149 deaths)

1	Ischaemic heart diseases	20.8%
2	Pneumonia	15.4%
3	Cerebrovascular diseases	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	4.0%
5	Malignant neoplasm of liver and intrahepatic bile ducts	3.4%

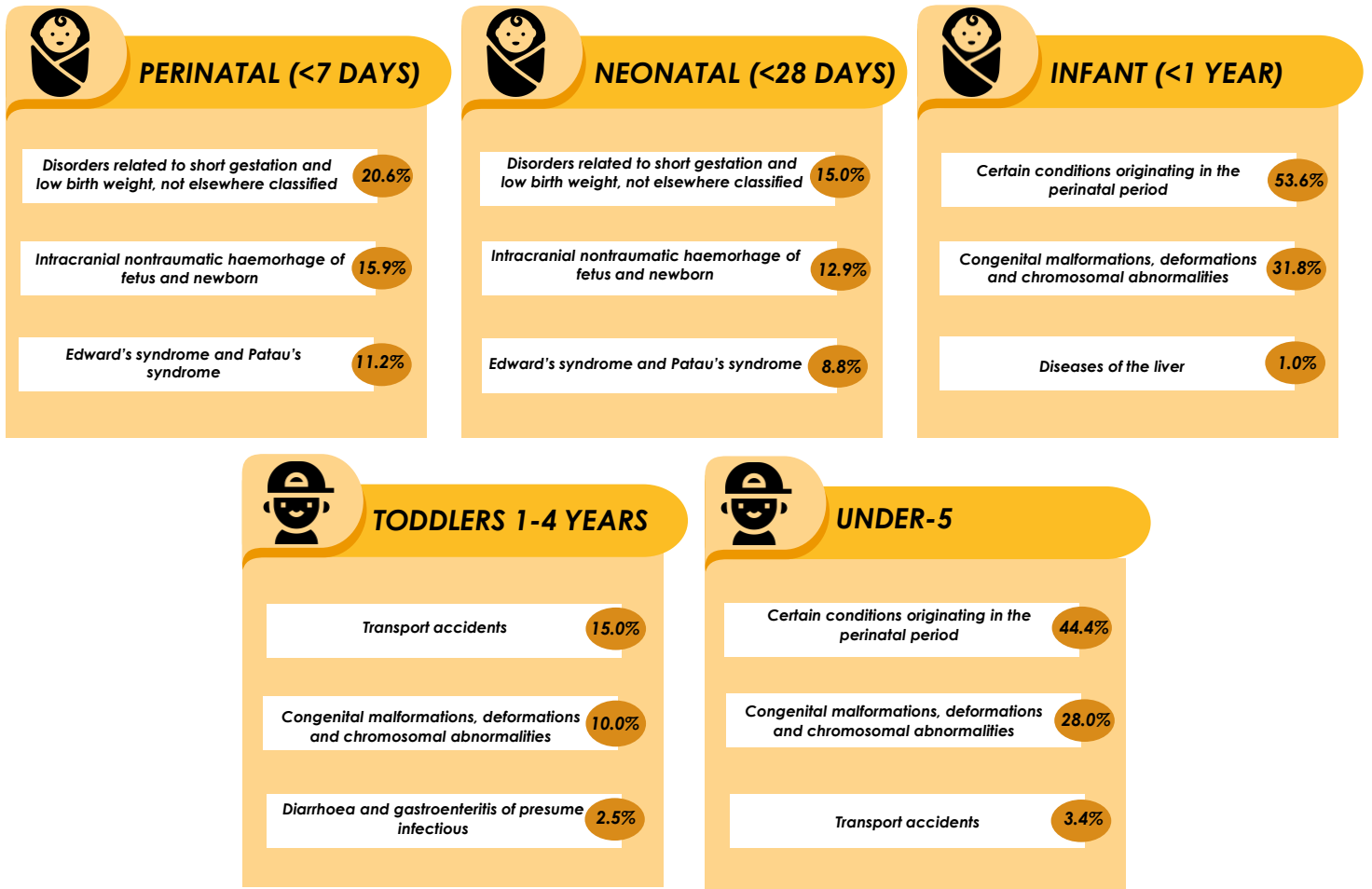


Indians (15 deaths)

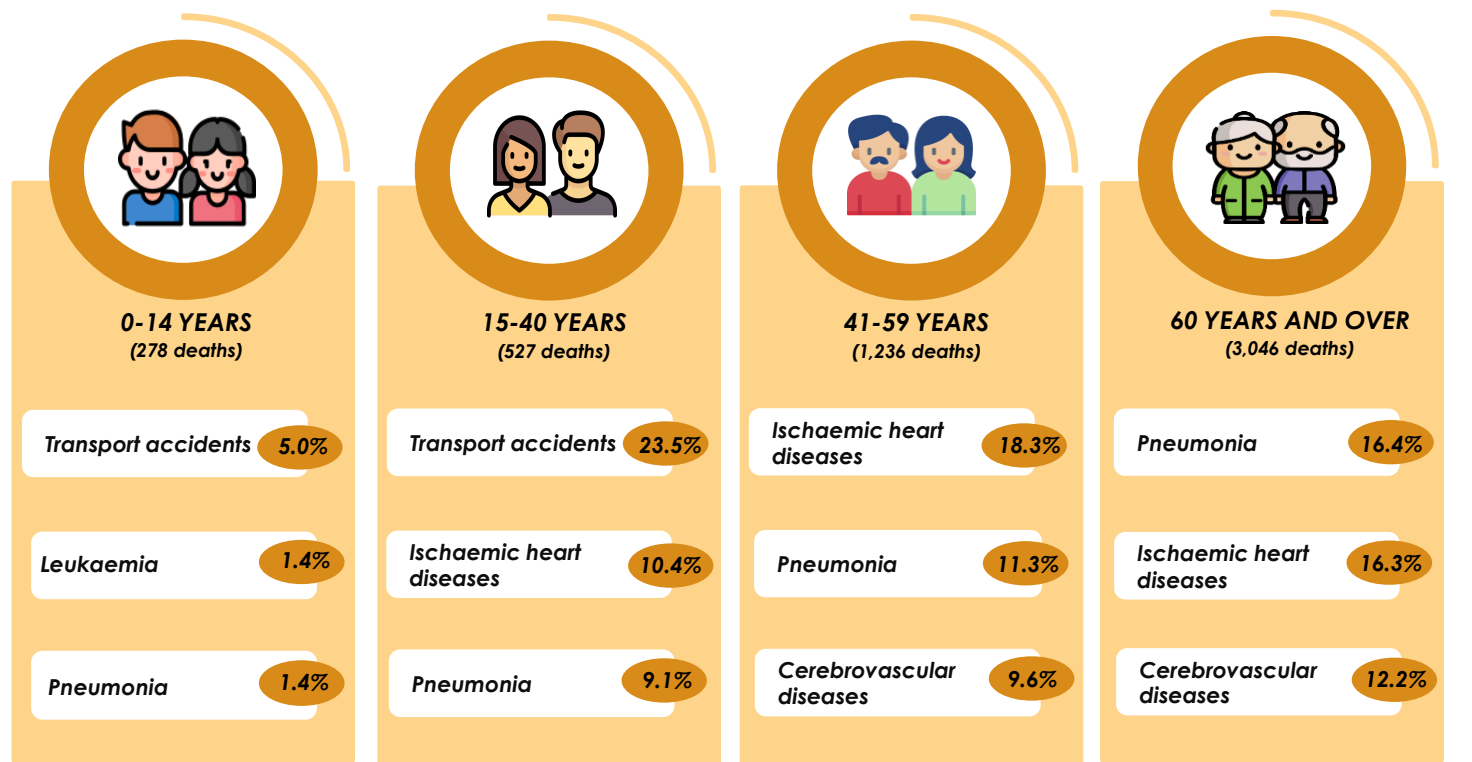
1	Ischaemic heart diseases	33.3%
2	Pneumonia	13.3%
3	Malignant neoplasm of liver and intrahepatic bile ducts	6.7%
4	Malignant neoplasm of trachea, bronchus and lung	6.7%
5	Hypertensive diseases	6.7%

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, TERENGGANU, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, TERENGGANU, 2023



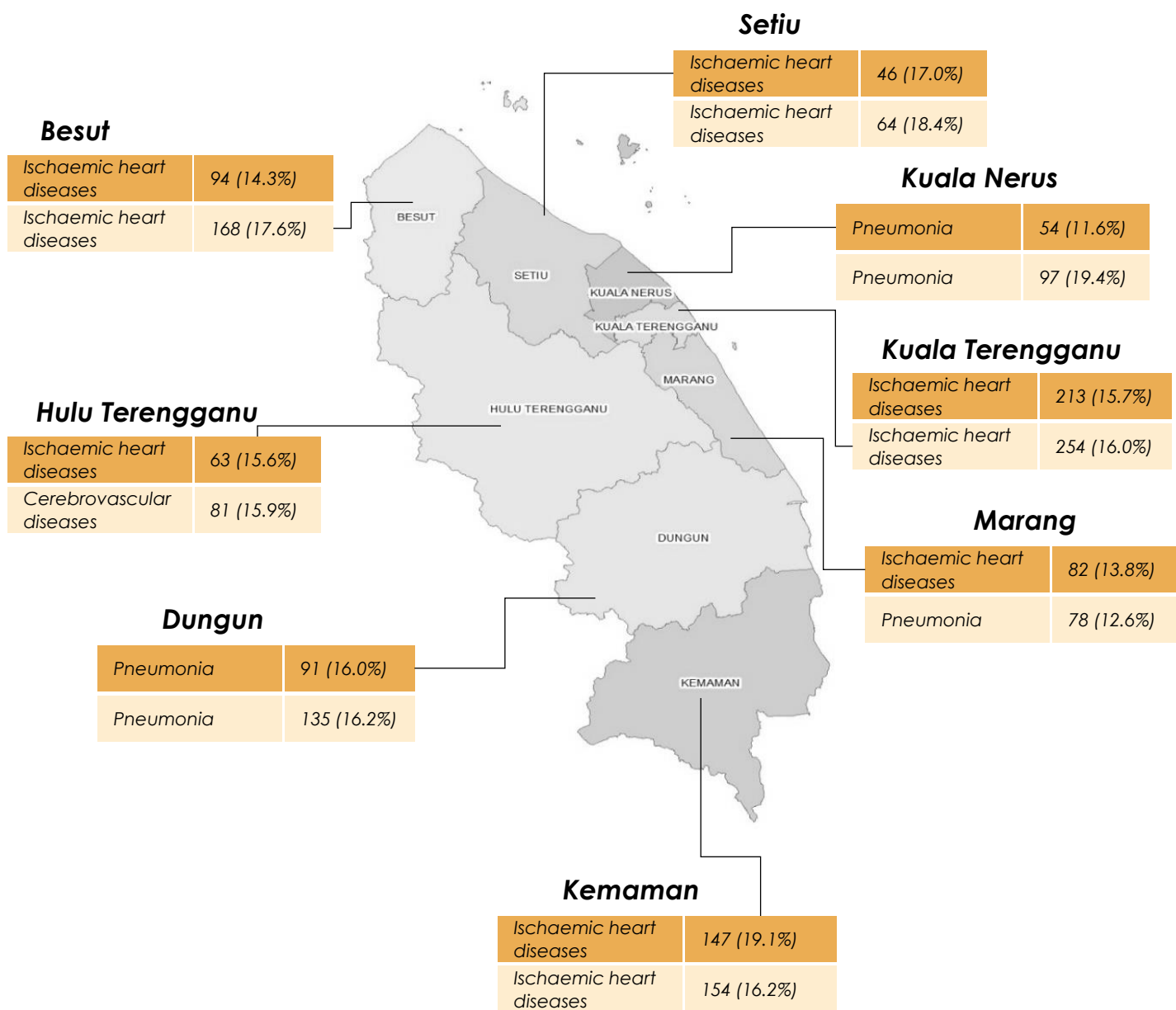
Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, TERENGGANU, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Transport accidents	Diabetes mellitus
<b>Total</b>	<b>776</b>	<b>692</b>	<b>514</b>	<b>214</b>	<b>197</b>
<b>0</b>	-	1 (0.1%)	-	2 (0.9%)	-
<b>1-4</b>	-	1 (0.1%)	-	6 (2.8%)	-
<b>5-9</b>	-	1 (0.1%)	-	-	-
<b>10-14</b>	-	1 (0.1%)	1 (0.2%)	6 (2.8%)	-
<b>15-19</b>	-	7 (1.0%)	-	39 (18.2%)	1 (0.5%)
<b>20-24</b>	2 (0.3%)	2 (0.3%)	-	39 (18.2%)	-
<b>25-29</b>	6 (0.8%)	8 (1.2%)	2 (0.4%)	11 (5.1%)	2 (1.0%)
<b>30-34</b>	12 (1.5%)	8 (1.2%)	4 (0.8%)	18 (8.4%)	2 (1.0%)
<b>35-39</b>	27 (3.5%)	21 (3.0%)	12 (2.3%)	17 (7.9%)	1 (0.5%)
<b>40-44</b>	31 (4.0%)	15 (2.2%)	14 (2.7%)	13 (6.1%)	2 (1.0%)
<b>45-49</b>	50 (6.4%)	32 (4.6%)	28 (5.4%)	11 (5.1%)	9 (4.6%)
<b>50-54</b>	59 (7.6%)	35 (5.1%)	31 (6.0%)	8 (3.7%)	15 (7.6%)
<b>55-59</b>	94 (12.1%)	60 (8.7%)	49 (9.5%)	9 (4.2%)	14 (7.1%)
<b>60-64</b>	127 (16.4%)	88 (12.7%)	60 (11.7%)	5 (2.3%)	22 (11.2%)
<b>65-69</b>	123 (15.9%)	93 (13.4%)	66 (12.8%)	9 (4.2%)	28 (14.2%)
<b>70-74</b>	83 (10.7%)	99 (14.3%)	66 (12.8%)	11 (5.1%)	36 (18.3%)
<b>75-79</b>	80 (10.3%)	103 (14.9%)	78 (15.2%)	5 (2.3%)	32 (16.2%)
<b>80-84</b>	46 (5.9%)	57 (8.2%)	63 (12.3%)	2 (0.9%)	17 (8.6%)
<b>85 and over</b>	36 (4.6%)	60 (8.7%)	40 (7.8%)	3 (1.4%)	16 (8.1%)

Note: The analysis is based on medically certified deaths

CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT, TERENGGANU



**Notes**

Causes of death 2023

Causes of death 2022

Note: The analysis is based on medically certified deaths

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

NUMBER OF DEATHS, W.P. KUALA LUMPUR, 2023



W.P. KUALA LUMPUR



5,531 (57.3%)  
deaths



9,646  
deaths



4,115 (42.7%)  
deaths

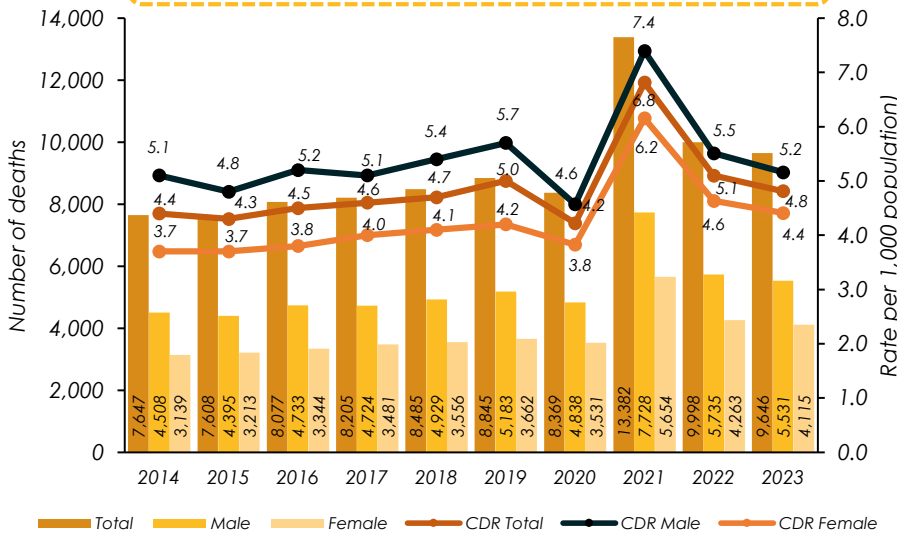
AVERAGE

1 deaths per hour

26 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR),  
W.P. KUALA LUMPUR, 2014-2023

The number of deaths in 2023 decreased **3.5 per cent** (352 deaths) as compared to 2022 (9,998 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



**Ischaemic heart diseases** was the principal causes of death in W.P. Kuala Lumpur in 2023

16.3%



Ischaemic heart diseases

18.5%



Pneumonia

14.8%



**Postpartum haemorrhage** was the principal causes of death for maternal

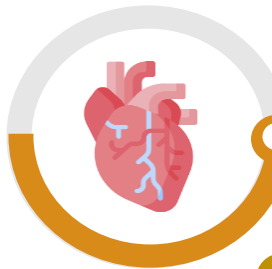
25.0%

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10,  
W.P. KUALA LUMPUR, 2023

1 Diseases of the circulatory system

30.4%

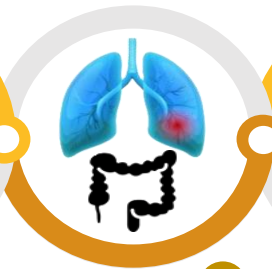
30.7%



3 Neoplasms

18.6%

16.6%



2 Diseases of the respiratory system

19.5%

16.2%



4 Certain infectious and parasitic diseases

6.3%

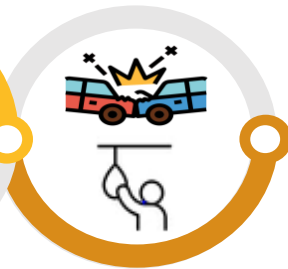
7.2%



5 External causes of morbidity and mortality

6.1%

6.4%



Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP,  
W.P. KUALA LUMPUR, 2023



**Malay (2,375 deaths)**

1	Ischaemic heart diseases	16.0%
2	Pneumonia	13.5%
3	Cerebrovascular diseases	6.7%
4	Transport accidents	3.6%
5	Malignant neoplasm of trachea, bronchus and lung	2.3%



**Other Bumiputera (53 deaths)**

1	Ischaemic heart diseases	15.1%
2	Cerebrovascular diseases	9.4%
3	Pneumonia	9.4%
4	Malignant neoplasm of trachea, bronchus and lung	7.5%
5	Transport accidents	7.5%



**Chinese (2,953 deaths)**

1	Pneumonia	15.8%
2	Ischaemic heart diseases	14.1%
3	Cerebrovascular diseases	7.7%
4	Malignant neoplasm of colon, rectum and anus	3.3%
5	Malignant neoplasm of trachea, bronchus and lung	3.0%



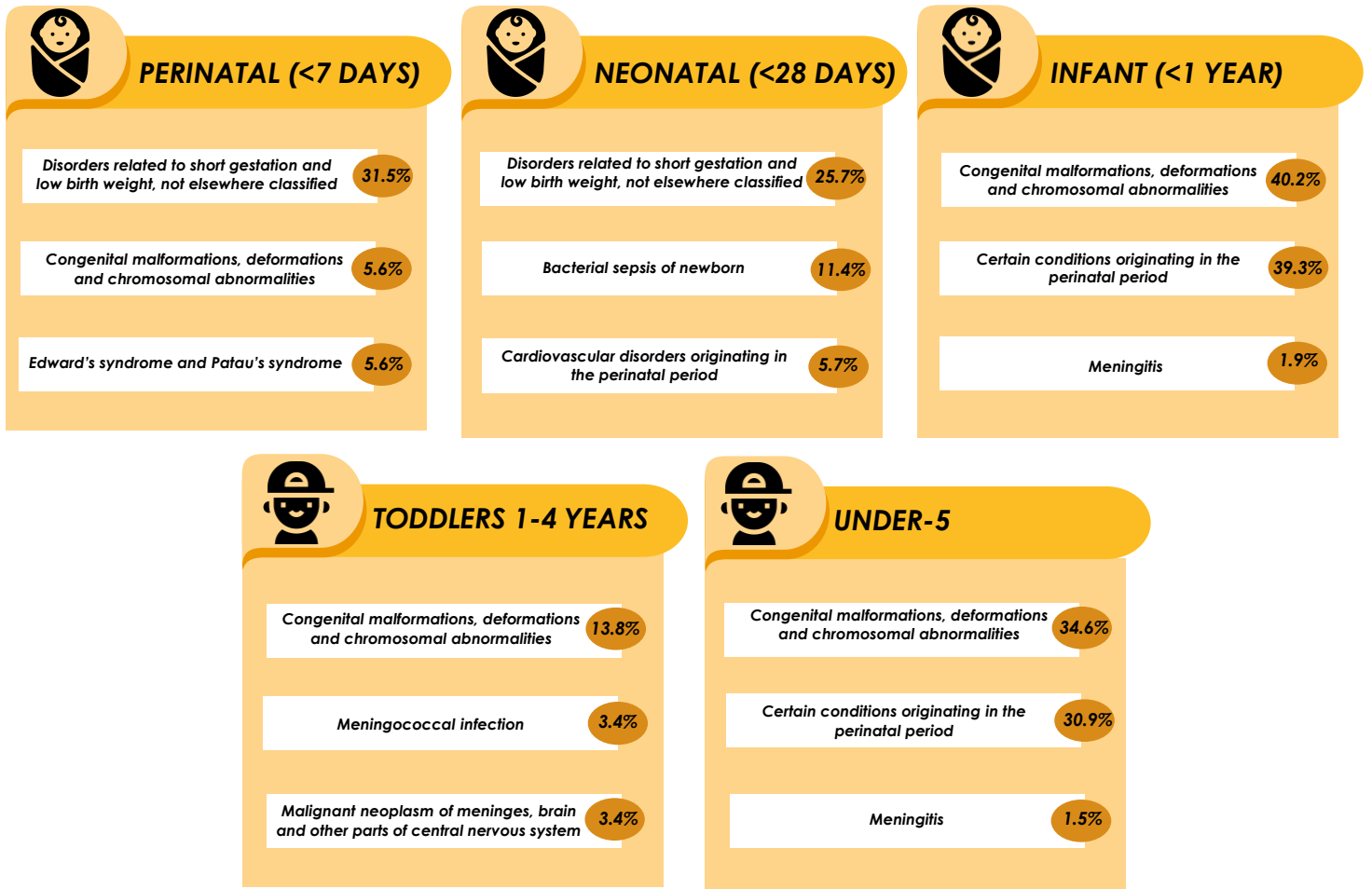
**Indians (1,023 deaths)**

1	Ischaemic heart diseases	23.0%
2	Pneumonia	14.8%
3	Cerebrovascular diseases	5.4%
4	Diabetes mellitus	2.6%
5	Transport accidents	2.3%

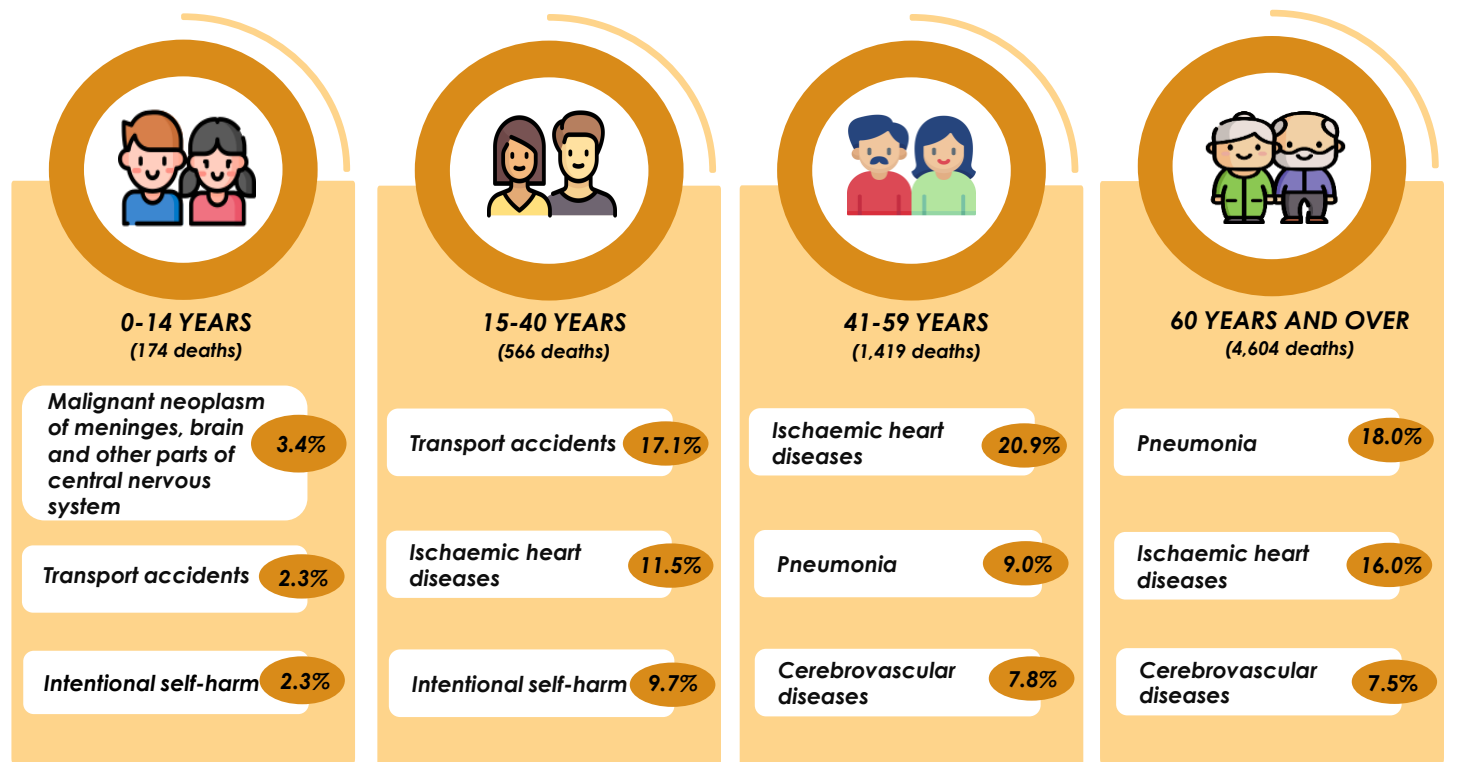
Note: The analysis is based on medically certified deaths



THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY,  
W.P. KUALA LUMPUR, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP,  
W.P. KUALA LUMPUR, 2023



Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, W.P. KUALA LUMPUR, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Malignant neoplasm of trachea, bronchus and lung	Malignant neoplasm of colon, rectum and anus
<b>Total</b>	<b>1,099</b>	<b>989</b>	<b>472</b>	<b>165</b>	<b>158</b>
<b>0</b>	-	-	-	-	-
<b>1-4</b>	-	1 (0.1%)	-	-	-
<b>5-9</b>	-	2 (0.2%)	-	-	-
<b>10-14</b>	-	-	1 (0.2%)	-	-
<b>15-19</b>	-	3 (0.3%)	-	-	-
<b>20-24</b>	6 (0.5%)	5 (0.5%)	-	-	-
<b>25-29</b>	4 (0.4%)	1 (0.1%)	-	2 (1.2%)	1 (0.6%)
<b>30-34</b>	10 (0.9%)	12 (1.2%)	5 (1.1%)	1 (0.6%)	3 (1.9%)
<b>35-39</b>	36 (3.3%)	8 (0.8%)	6 (1.3%)	1 (0.6%)	3 (1.9%)
<b>40-44</b>	46 (4.2%)	12 (1.2%)	15 (3.2%)	3 (1.8%)	7 (4.4%)
<b>45-49</b>	62 (5.6%)	37 (3.7%)	32 (6.8%)	9 (5.5%)	6 (3.8%)
<b>50-54</b>	81 (7.4%)	27 (2.7%)	22 (4.7%)	9 (5.5%)	12 (7.6%)
<b>55-59</b>	116 (10.6%)	54 (5.5%)	45 (9.5%)	11 (6.7%)	18 (11.4%)
<b>60-64</b>	131 (11.9%)	79 (8.0%)	55 (11.7%)	25 (15.2%)	18 (11.4%)
<b>65-69</b>	163 (14.8%)	104 (10.5%)	50 (10.6%)	28 (17.0%)	17 (10.8%)
<b>70-74</b>	134 (12.2%)	138 (14.0%)	57 (12.1%)	30 (18.2%)	29 (18.4%)
<b>75-79</b>	100 (9.1%)	141 (14.3%)	58 (12.3%)	28 (17.0%)	18 (11.4%)
<b>80-84</b>	106 (9.6%)	171 (17.3%)	60 (12.7%)	9 (5.5%)	12 (7.6%)
<b>85 and over</b>	104 (9.5%)	194 (19.6%)	66 (14.0%)	9 (5.5%)	14 (8.9%)

Note: The analysis is based on medically certified deaths

NUMBER OF DEATHS, W.P LABUAN, 2023



W.P. LABUAN



194 (58.3%)  
deaths



333  
deaths



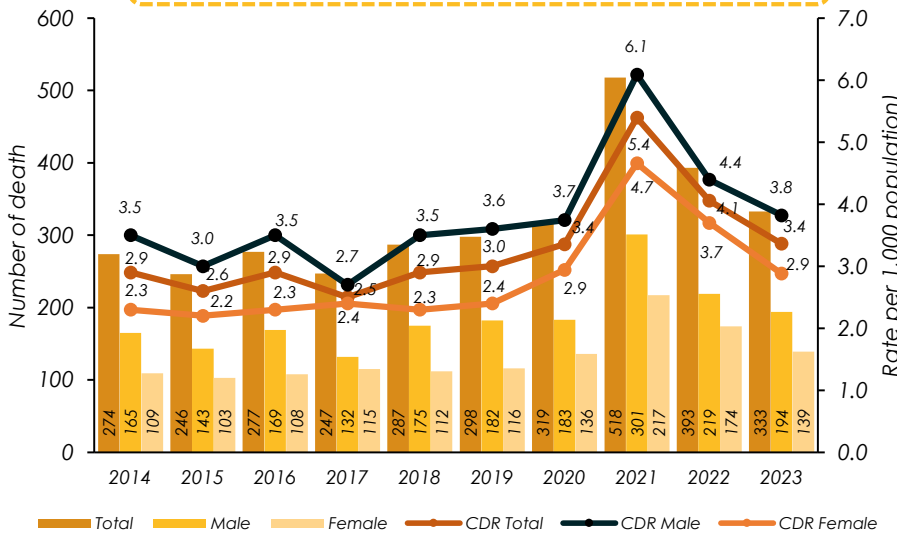
139 (41.7%)  
deaths

AVERAGE

1 deaths per day

SIRI TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), W.P. LABUAN, 2014-2023

The number of deaths in 2023 decreased 15.3 per cent (60 deaths) as compared to 2022 (393 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>



**Pneumonia** was the principal causes of death in W.P. Labuan in 2023

13.6%



Pneumonia

15.3%



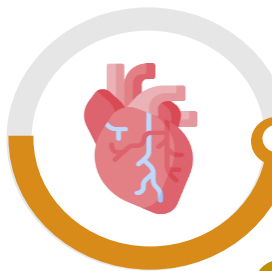
Cerebrovascular diseases

13.4%

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, W.P. LABUAN, 2023

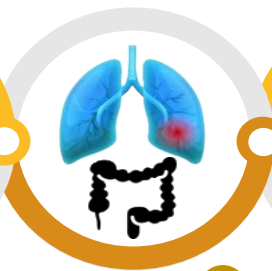
1 Diseases of the circulatory system

27.2%  
38.1%



3 Neoplasms

15.0%  
12.6%



2 Diseases of the respiratory system

18.4%  
17.8%



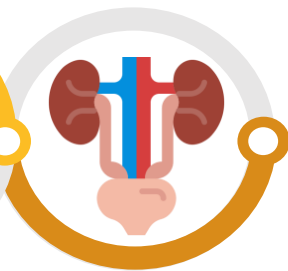
4 Certain infectious and parasitic diseases

10.2%  
3.8%



5 Diseases of the digestive system

5.3%  
4.9%



Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, W.P. LABUAN, 2023



Malay (84 deaths)

1	Pneumonia	10.7%
2	Ischaemic heart diseases	9.5%
3	Malignant neoplasm of colon, rectum and anus	6.0%
4	Cerebrovascular diseases	6.0%
5	Transport accidents	4.8%



Other Bumiputera (55 deaths)

1	Cerebrovascular diseases	14.5%
2	Ischaemic heart diseases	12.7%
3	Pneumonia	9.1%
4	Diarrhoea and gastroenteritis of presumed infectious origin	3.6%
5	Respiratory tuberculosis	3.6%



Chinese (49 deaths)

1	Pneumonia	18.4%
2	Ischaemic heart diseases	10.2%
3	Cerebrovascular diseases	8.2%
4	Malignant neoplasm of trachea, bronchus and lung	4.1%
5	Diseases of the liver	4.1%



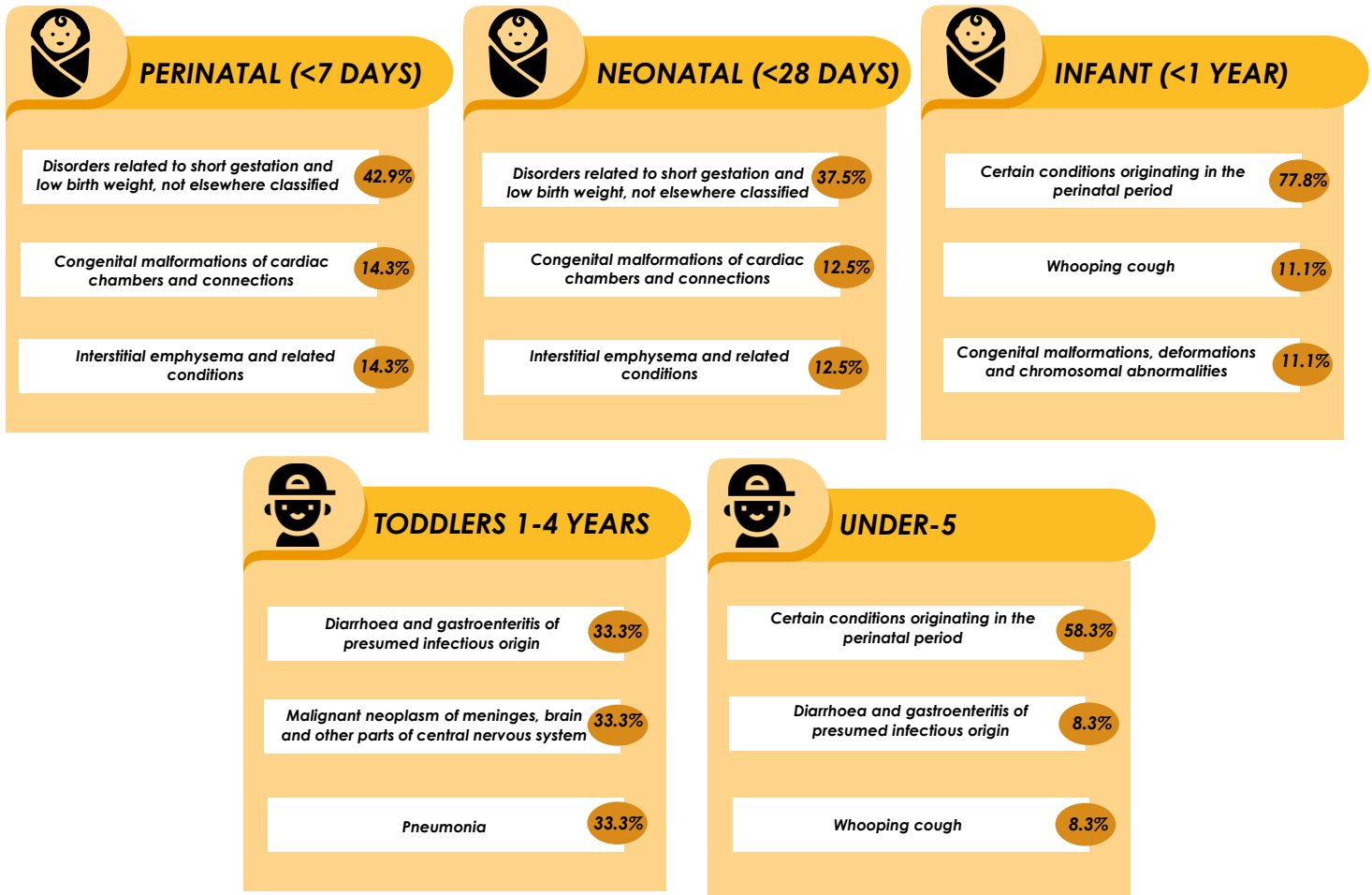
Indians (1 deaths)

1	Pneumonia	100.0%
---	-----------	--------

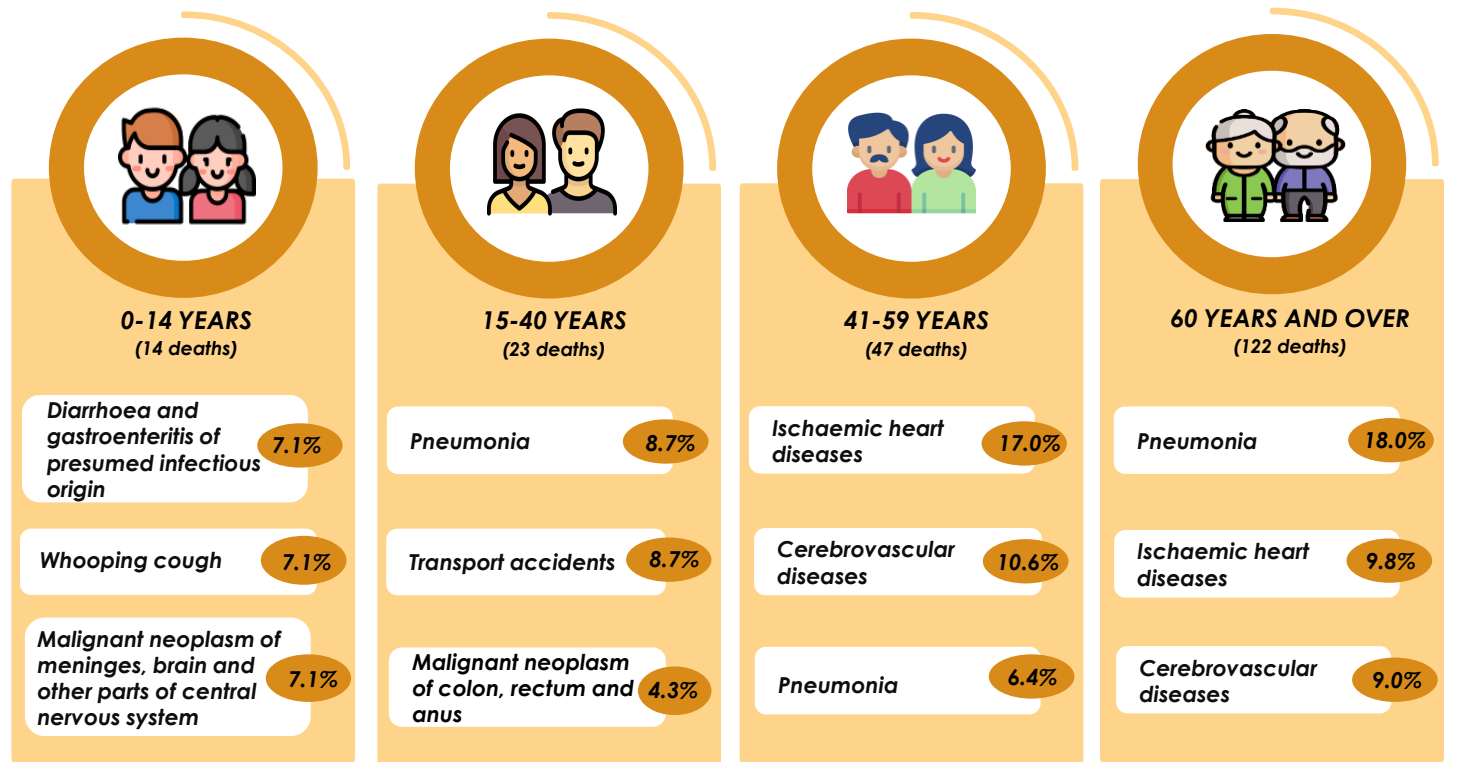
Note: No causes of death classified in ranking 2 to 5 for Indians.

Note: The analysis is based on medically certified deaths

THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY,  
W.P. LABUAN, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP,  
W.P. LABUAN, 2023



Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, W.P. LABUAN, 2023**

Age group	Pneumonia	Ischaemic heart diseases	Cerebrovascular diseases	Malignant neoplasm of colon, rectum and anus	Transport accidents
<b>Total</b>	<b>28</b>	<b>21</b>	<b>17</b>	<b>6</b>	<b>6</b>
<b>0</b>	-	-	-	-	-
<b>1-4</b>	1 (3.6%)	-	-	-	-
<b>5-9</b>	-	-	-	-	-
<b>10-14</b>	-	-	-	-	1 (16.7%)
<b>15-19</b>	-	-	-	-	1 (16.7%)
<b>20-24</b>	-	-	-	-	-
<b>25-29</b>	-	-	-	-	1 (16.7%)
<b>30-34</b>	-	1 (4.8%)	1 (5.9%)	-	-
<b>35-39</b>	1 (3.6%)	-	-	1 (16.7%)	-
<b>40-44</b>	2 (7.1%)	-	-	-	-
<b>45-49</b>	-	1 (4.8%)	1 (5.9%)	-	1 (16.7%)
<b>50-54</b>	-	3 (14.3%)	2 (11.8%)	-	-
<b>55-59</b>	2 (7.1%)	4 (19.0%)	2 (11.8%)	-	1 (16.7%)
<b>60-64</b>	5 (17.9%)	4 (19.0%)	1 (5.9%)	3 (50.0%)	-
<b>65-69</b>	2 (7.1%)	3 (14.3%)	2 (11.8%)	1 (16.7%)	1 (16.7%)
<b>70-74</b>	2 (7.1%)	2 (9.5%)	2 (11.8%)	-	-
<b>75-79</b>	6 (21.4%)	2 (9.5%)	3 (17.6%)	1 (16.7%)	-
<b>80-84</b>	4 (14.3%)	1 (4.8%)	1 (5.9%)	-	-
<b>85 and over</b>	3 (10.7%)	-	2 (11.8%)	-	-

Note: The analysis is based on medically certified deaths

NUMBER OF DEATHS, W.P. PUTRAJAYA, 2023



W.P. PUTRAJAYA



165 (58.1%)  
deaths



284  
deaths



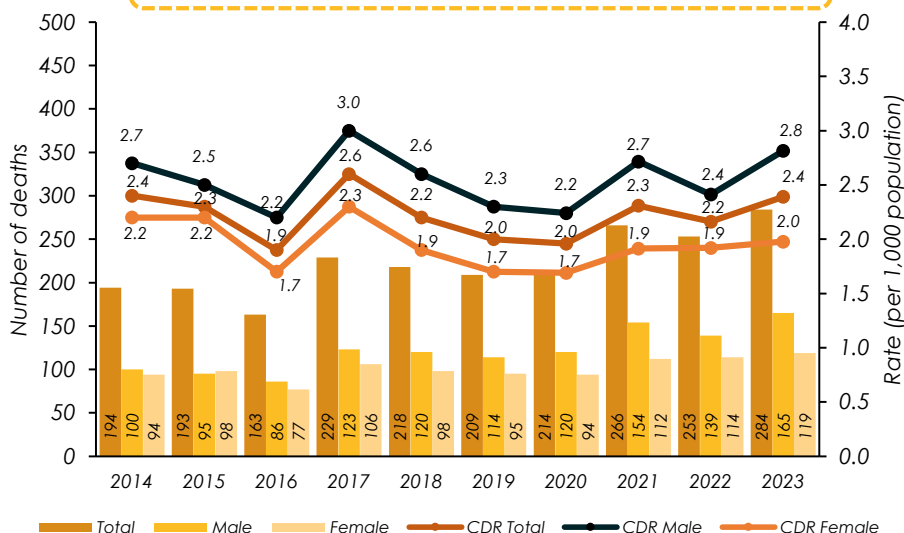
119 (41.9%)  
deaths

AVERAGE

1 deaths per day

TIME SERIES OF DEATH AND CRUDE DEATH RATE (CDR), W.P. PUTRAJAYA, 2014-2023

The number of deaths in 2023 increased **12.3 per cent** (31 deaths) as compared to 2022 (253 deaths)



THE PRINCIPAL CAUSES OF DEATH<sup>1</sup>

**Ischaemic heart diseases** was the principal causes of death in W.P. Putrajaya in 2023

16.0%



Ischaemic heart diseases

21.1%



Pneumonia

12.7%



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

33.3%

was the principal causes of death for maternal

FIVE PRINCIPAL CAUSES OF DEATH<sup>1</sup> BY CHAPTER ICD-10, W.P. PUTRAJAYA, 2023

1 Diseases of the circulatory system

29.4%

28.3%

3 Diseases of the respiratory system

11.8%

14.8%

5 Certain infectious and parasitic diseases

5.7%

7.4%

2 Neoplasms

22.1%

16.1%

4 External causes of morbidity and mortality

9.2%

5.7%

Notes:

2023  
2022

Note: <sup>1</sup>The analysis is based on medically certified deaths

FIVE PRINCIPAL CAUSES OF DEATH BY ETHNIC GROUP, W.P. PUTRAJAYA, 2023



Malay (245 deaths)

1	Ischaemic heart diseases	15.9%
2	Pneumonia	7.8%
3	Cerebrovascular diseases	6.9%
4	Malignant neoplasm of colon, rectum and anus	5.7%
5	Transport accidents	3.7%



Other Bumiputera (5 deaths)

1	Transport accidents	60.0%
2	Ischaemic heart diseases	20.0%
3	Cerebrovascular diseases	20.0%

Note: No causes of death classified in ranking 4 to 5 for Others Bumiputera.



Chinese (7 deaths)

1	Malignant neoplasm of trachea, bronchus and lung	14.3%
2	Alzheimer disease	14.3%
3	Ischaemic heart diseases	14.3%

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



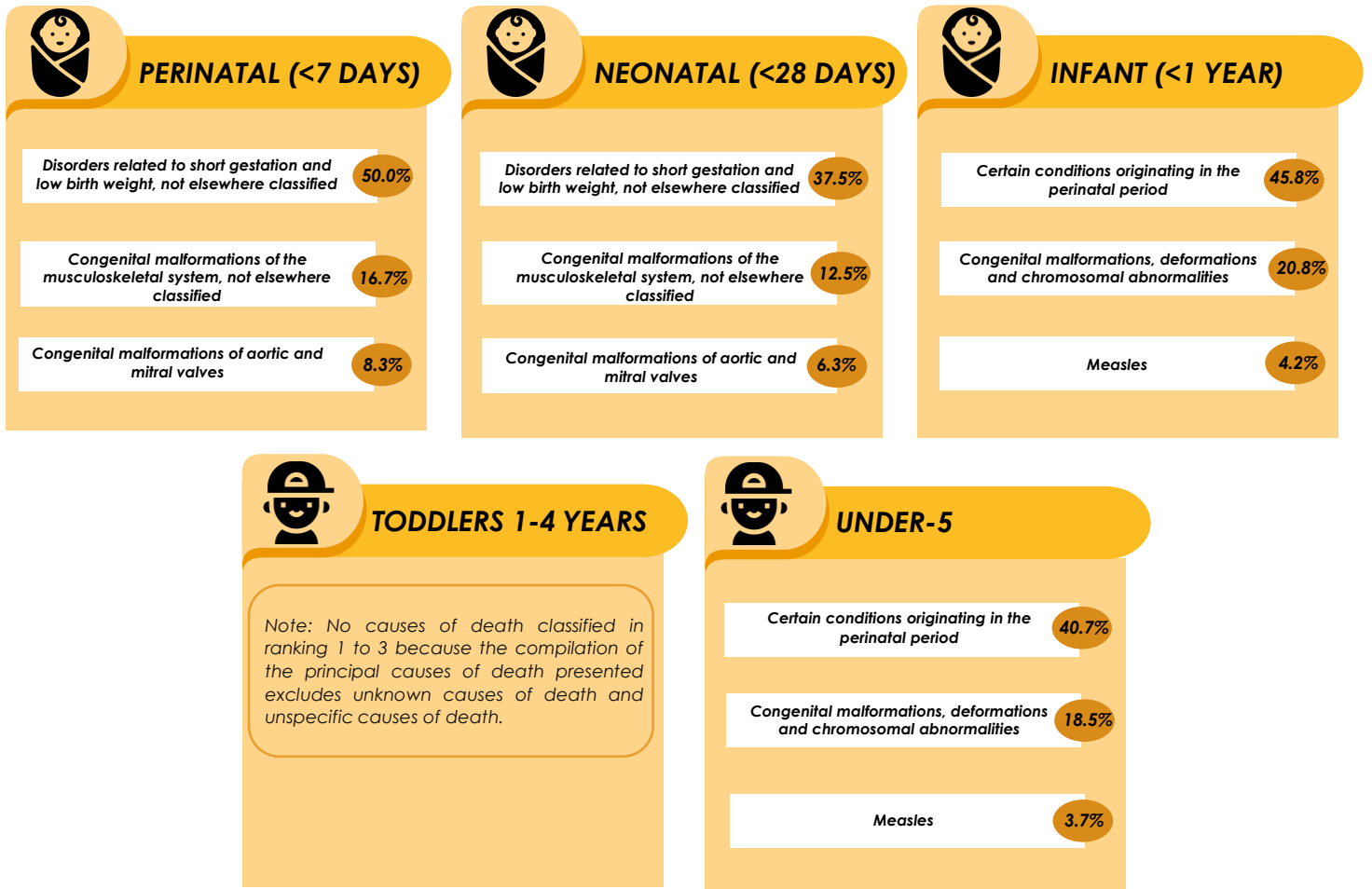
Indians (5 deaths)

1	Pneumonia	40.0%
2	Ischaemic heart diseases	20.0%

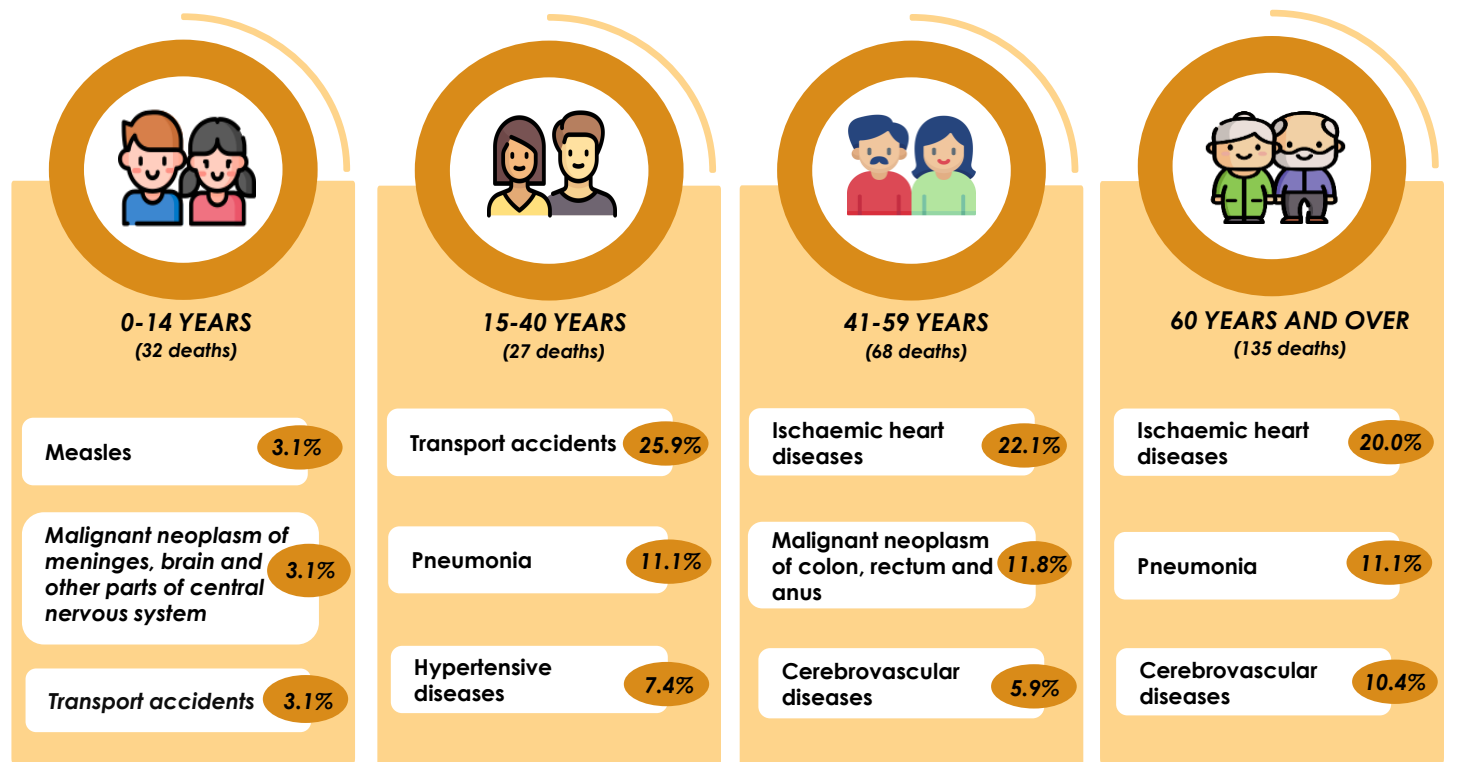
Note: No causes of death classified in ranking 3 to 5 because the compilation of the principal causes of death presented excludes unknown causes of death and unspecific causes of death.



THREE PRINCIPAL CAUSES OF DEATH BY CATEGORY, W.P. PUTRAJAYA, 2023



THREE PRINCIPAL CAUSES OF DEATH BY AGE GROUP, W.P. PUTRAJAYA, 2023



Note: The analysis is based on medically certified deaths

**SELECTED CAUSES OF MEDICALLY CERTIFIED DEATH  
BY AGE GROUP, W.P. PUTRAJAYA, 2023**

Age group	Ischaemic heart diseases	Pneumonia	Cerebrovascular diseases	Malignant neoplasm of colon, rectum and anus	Transport accidents
<b>Total</b>	<b>42</b>	<b>21</b>	<b>18</b>	<b>14</b>	<b>12</b>
<b>0</b>	-	-	-	-	-
<b>1-4</b>	-	-	-	-	-
<b>5-9</b>	-	-	-	-	1 (8.3%)
<b>10-14</b>	-	-	-	-	-
<b>15-19</b>	-	-	-	-	2 (16.7%)
<b>20-24</b>	-	-	-	-	3 (25.0%)
<b>25-29</b>	-	1 (4.8%)	-	-	1 (8.3%)
<b>30-34</b>	-	1 (4.8%)	-	-	-
<b>35-39</b>	-	-	-	-	1 (8.3%)
<b>40-44</b>	2 (4.8%)	1 (4.8%)	3 (16.7%)	1 (7.1%)	1 (8.3%)
<b>45-49</b>	5 (11.9%)	2 (9.5%)	1 (5.6%)	1 (7.1%)	2 (16.7%)
<b>50-54</b>	2 (4.8%)	1 (4.8%)	-	4 (28.6%)	1 (8.3%)
<b>55-59</b>	6 (14.3%)	-	-	2 (14.3%)	-
<b>60-64</b>	4 (9.5%)	1 (4.8%)	5 (27.8%)	4 (28.6%)	-
<b>65-69</b>	8 (19.0%)	7 (33.3%)	2 (11.1%)	-	-
<b>70-74</b>	4 (9.5%)	1 (4.8%)	2 (11.1%)	1 (7.1%)	-
<b>75-79</b>	6 (14.3%)	4 (19.0%)	2 (11.1%)	1 (7.1%)	-
<b>80-84</b>	2 (4.8%)	1 (4.8%)	2 (11.1%)	-	-
<b>85 and over</b>	3 (7.1%)	1 (4.8%)	1 (5.6%)	-	-

Note: The analysis is based on medically certified deaths

# **RINGKASAN PENEMUAN**



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

## 1. PENGENALAN

Perangkaan Sebab Kematian, Malaysia, 2024 membentangkan statistik sebab kematian utama mengikut pengelasan bagi tahun 2023. Jabatan Perangkaan Malaysia (DOSM) menggunakan *International Statistical Classification of Diseases and Related Health Problems, 10<sup>th</sup> Revision* (ICD-10) yang diterbitkan oleh *World Health Organization* (2010) untuk mengklasifikasikan sebab kematian.

Statistik yang dilaporkan di dalam penerbitan ini merujuk kepada rekod kematian yang didaftarkan di Jabatan Pendaftaran Negara. Semua indikator demografi yang melibatkan data penduduk bagi tahun 2020 hingga 2023 telah disemak semula berasaskan data Banci Penduduk dan Perumahan Malaysia 2020. Manakala indikator bagi tahun 2011 hingga 2019 adalah berasaskan data Banci Penduduk dan Perumahan Malaysia 2010 dan akan disemak semula. Data kematian bagi tahun 2020 hingga 2022 telah dikemaskini berdasarkan laporan kes bunuh diri daripada Polis Diraja Malaysia.

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

**a. Disahkan secara perubatan**

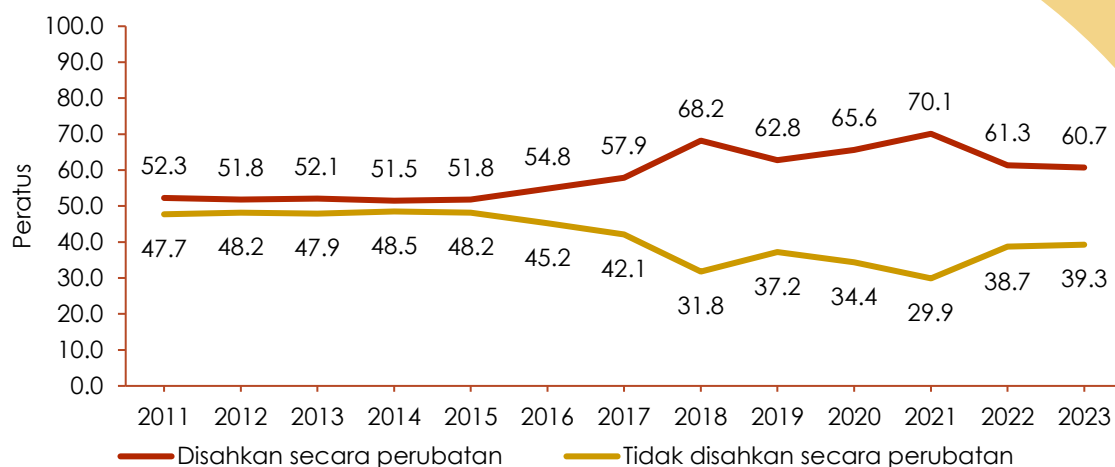
Pengesahan yang dibuat oleh pegawai perubatan dan koroner sahaja.

**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. Hampir 61 peratus daripada 196,965 kematian merupakan kematian yang disahkan secara perubatan pada 2023 manakala 39.3 peratus adalah kematian yang tidak disahkan secara perubatan (Carta 1). Ringkasan penemuan ini membentangkan sebab kematian utama yang disahkan secara perubatan bagi 2023 di Malaysia.

**Carta 1: Peratus sebab kematian disahkan secara perubatan dan tidak disahkan secara perubatan, Malaysia, 2011 hingga 2023**



## 2. PENEMUAN UTAMA STATISTIK SEBAB KEMATIAN

- Bilangan kematian pada 2023 menurun 4.7 peratus daripada 206,780 kematian (2022) kepada 196,965 kematian. Daripada jumlah tersebut, 60.7 peratus (119,652) adalah disahkan secara perubatan.
- Pneumonia* merupakan sebab kematian utama di Malaysia pada 2023 iaitu 18,181 kematian (15.2%). *Pneumonia* mengatasi *Ischaemic heart diseases* sebagai sebab kematian utama buat kali pertama dalam dua dekad, kecuali *COVID-19 infection (due to)* merupakan sebab kematian utama pada 2021.
- Ischaemic heart diseases* dan *Pneumonia* adalah sebab kematian utama bagi lelaki dan perempuan dengan masing-masing merekodkan 12,648 dan 7,815 kematian.
- Pneumonia* merupakan sebab kematian utama bagi etnik Cina dan Bumiputera Lain pada 2023 manakala etnik Melayu, etnik India dan Lain-lain merekodkan *Ischaemic heart diseases* sebagai sebab kematian utama.
- Kumpulan umur 0-14 tahun dan 65 tahun dan lebih merekodkan *Transport accidents* dan *Pneumonia* sebagai sebab kematian utama manakala kumpulan umur 15-64 tahun merekodkan *Ischaemic heart diseases* sebagai sebab kematian utama.
- Enam negeri iaitu Pahang, Perlis, Pulau Pinang, Sabah, Sarawak dan W.P. Labuan merekodkan *Pneumonia* sebagai sebab kematian utama manakala 10 negeri merekodkan *Ischaemic heart diseases* sebagai sebab kematian utama.
- Pneumonia* merupakan sebab kematian utama di 78 daerah pentadbiran dan peratusan tertinggi direkodkan di daerah Kubang Pasu, Kedah dengan 26.3 peratus.

### 3. KEMATIAN

#### Bilangan kematian menurun 4.7 peratus pada tahun 2023

Bilangan kematian pada 2023 menurun 4.7 peratus daripada 206,780 kematian (2022) kepada 196,965 kematian. Bilangan kematian bagi lelaki menurun 4.9 peratus daripada 118,018 kepada 112,293 kematian dan kematian perempuan menurun 4.6 peratus daripada 88,762 kepada 84,672 kematian. Kadar kematian kasar (CDR) menurun daripada 6.3 (2022) kepada 5.9 kematian bagi setiap seribu penduduk pada 2023.

**Jadual 1: Bilangan kematian mengikut jantina, Malaysia, 2022 dan 2023**

Tahun	Bilangan			Kadar (bagi setiap 1,000 penduduk)		
	Jumlah	Lelaki	Perempuan	Jumlah	Lelaki	Perempuan
2023	196,965	112,293	84,672	5.9	6.4	5.3
2022	206,780	118,018	88,762	6.3	6.9	5.7

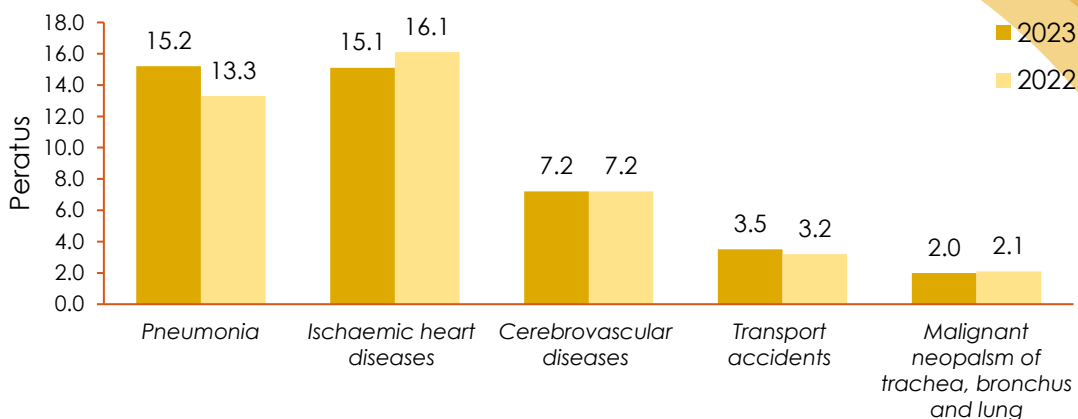
### 4. SEBAB KEMATIAN UTAMA

#### a. Lima sebab kematian utama

##### ***Pneumonia* merupakan sebab kematian utama di Malaysia**

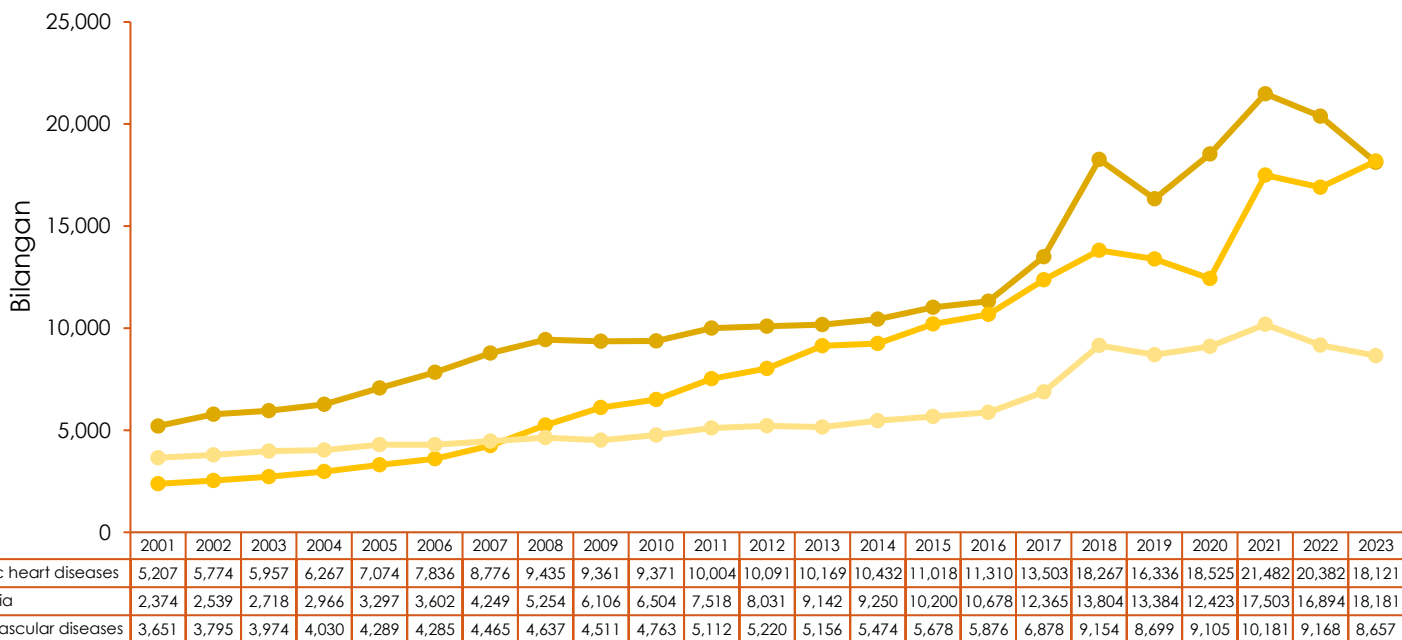
*Pneumonia* merupakan sebab kematian utama pada 2023, iaitu 18,181 (15.2%) daripada 119,652 sebab kematian yang disahkan secara perubatan. Ini diikuti *Ischaemic heart diseases* (15.1%), *Cerebrovascular diseases* (7.2%), *Transport accidents* (3.5%) dan *Malignant neoplasm of trachea, bronchus and lung* (2.0%) (Carta 2).

**Carta 2: Lima sebab kematian utama, Malaysia, 2022 dan 2023**



Bagi tempoh 2001 hingga 2023, *Pneumonia* meningkat daripada 2,374 kematian (5.3%) pada 2001 kepada 18,181 kematian (15.2%) pada 2023. *Ischaemic heart diseases* dan *Cerebrovascular diseases* turut meningkat masing-masing daripada 5,207 dan 3,651 pada 2001 kepada 18,121 dan 8,657 pada 2023.

**Carta 3: Trend siri masa tiga sebab kematian utama terpilih, Malaysia, 2001-2023**



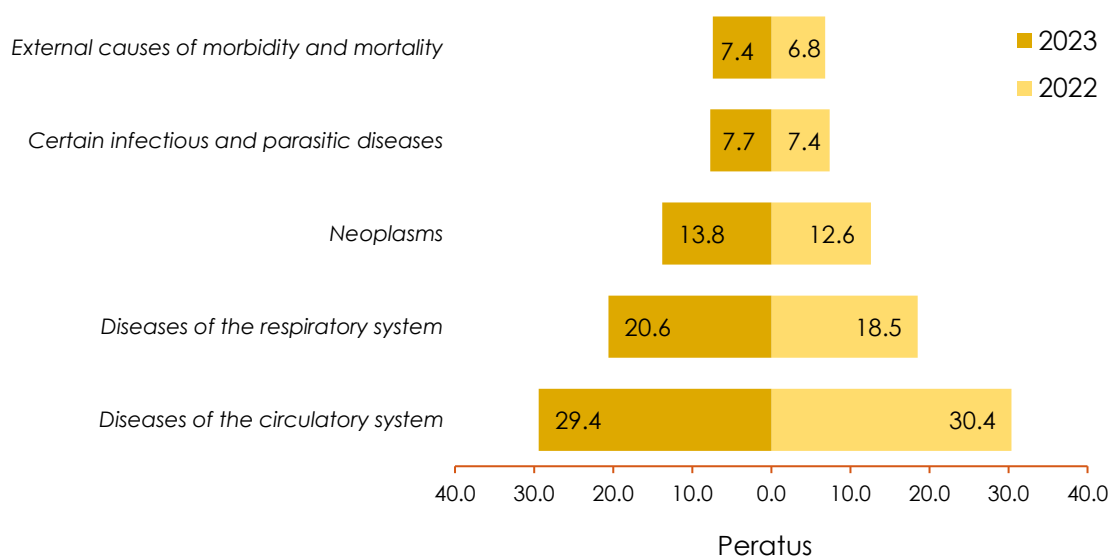


## b. Lima sebab kematian utama mengikut Bab ICD-10

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

*Diseases of the circulatory system* kekal sebagai sebab kematian utama mengikut Bab ICD-10 pada 2023 dengan 29.4 peratus diikuti *Diseases of the respiratory system* (20.6%), *Neoplasms* (13.8%), *Certain infectious and parasitic diseases* (7.7%) dan *External causes of morbidity and mortality* (7.4%).

**Carta 4: Lima sebab kematian utama mengikut Bab ICD-10, Malaysia, 2022 dan 2023**

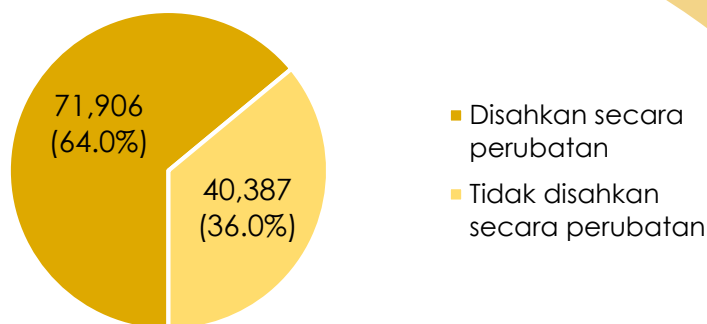


## 5. SEBAB KEMATIAN UTAMA MENGIKUT JANTINA

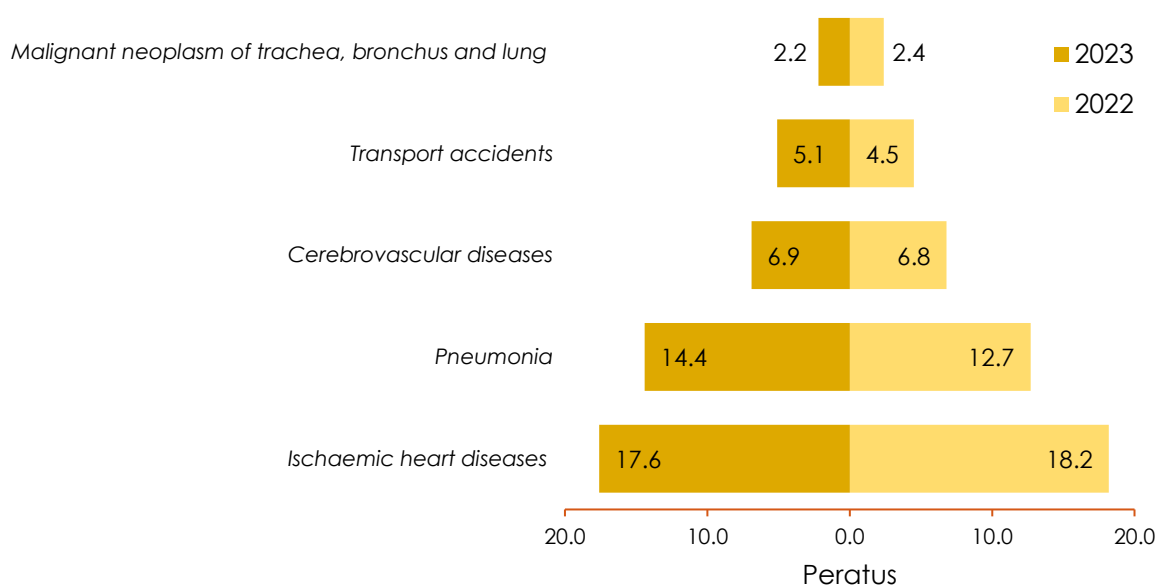
### a. *Ischaemic heart diseases* merupakan sebab kematian utama bagi lelaki

Lelaki merekodkan bilangan kematian sebanyak 112,293 kematian pada 2023 iaitu 64.0 peratus (71,906) merupakan kematian yang disahkan secara perubatan manakala 36.0 peratus (40,387) adalah kematian yang tidak disahkan secara perubatan (Carta 5). *Ischaemic heart diseases* merupakan sebab kematian utama bagi lelaki dengan 17.6 peratus daripada 71,906 sebab kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* (14.4%), *Cerebrovascular diseases* (6.9%), *Transport accidents* (5.1%) dan *Malignant neoplasm of trachea, bronchus and lung* (2.2%) (Carta 6).

Carta 5: Klasifikasi sebab kematian bagi lelaki, Malaysia, 2023



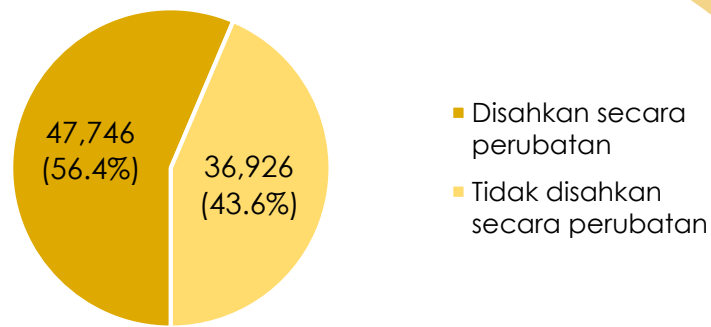
Carta 6: Lima sebab kematian utama bagi lelaki, Malaysia, 2022 dan 2023



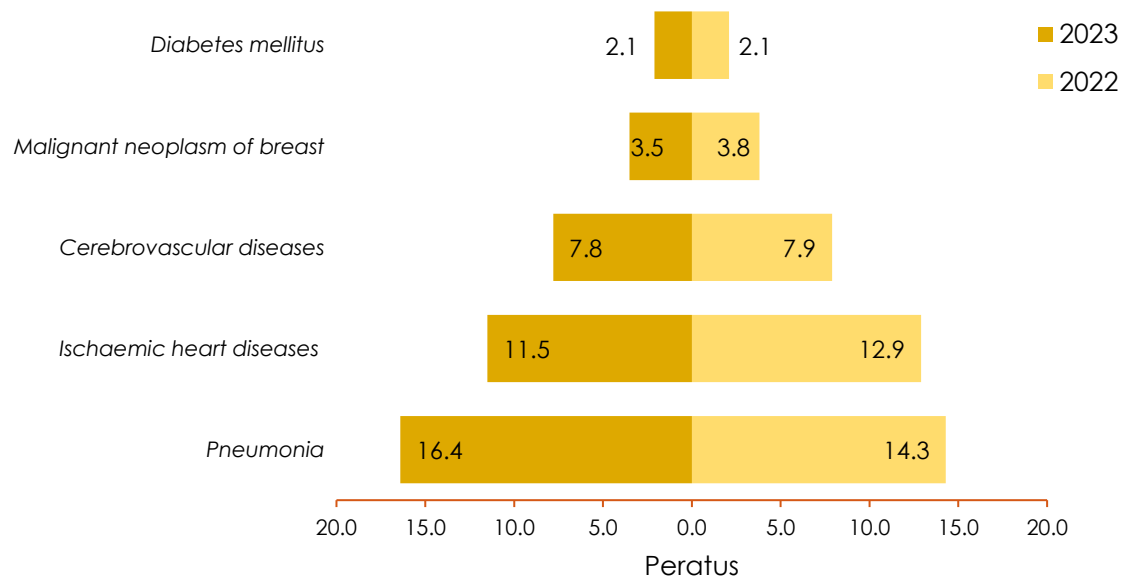
#### b. Pneumonia merupakan sebab kematian utama bagi perempuan

Perempuan merekodkan kematian sebanyak 84,672 kematian pada 2023 iaitu 56.4 peratus (47,746) merupakan kematian yang disahkan secara perubatan manakala 43.6 peratus (36,926) adalah kematian yang tidak disahkan secara perubatan (Carta 7). *Pneumonia* menjadi sebab kematian utama bagi perempuan dengan 16.4 peratus daripada 47,746 kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (11.5%), *Cerebrovascular diseases* (7.8%), *Malignant neoplasm of breast* (3.5%) dan *Diabetes mellitus* (2.1%) (Carta 8).

**Carta 7: Klasifikasi sebab kematian bagi perempuan, Malaysia, 2023**



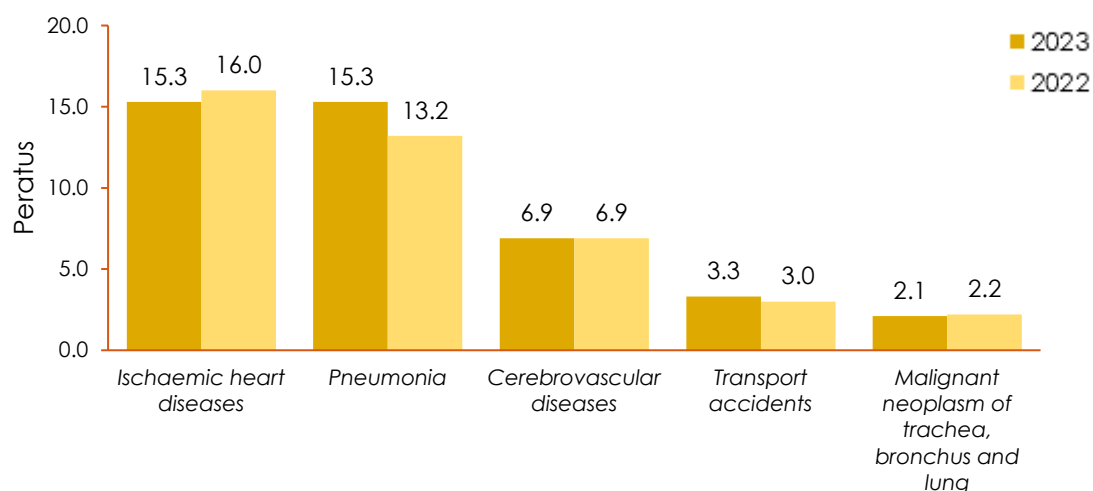
**Carta 8: Lima sebab kematian utama bagi perempuan, Malaysia, 2022 dan 2023**



## 6. SEBAB KEMATIAN UTAMA MENGIKUT STRATA

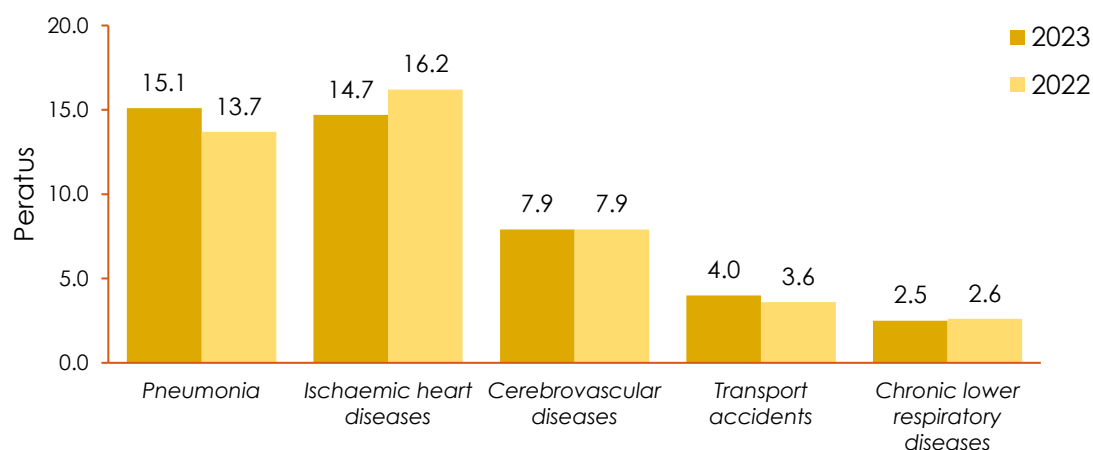
*Ischaemic heart diseases* merupakan sebab kematian utama di bandar pada 2023 iaitu 15.3 peratus daripada 81,389 kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* (15.3%), *Cerebrovascular diseases* (6.9%), *Transport accidents* (3.3%) dan *Malignant neoplasm of trachea, bronchus and lung* (2.1%).

**Carta 9: Lima sebab kematian utama mengikut strata (bandar), Malaysia, 2022 dan 2023**



Bagi luar bandar, *Pneumonia* menjadi sebab kematian utama pada 2023 yang mencatatkan 15.1 peratus daripada 38,263 kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (14.7%), *Cerebrovascular diseases* (7.9%), *Transport accidents* (4.0%) dan *Chronic lower respiratory diseases* (2.5%).

**Carta 10: Lima sebab kematian utama mengikut strata (luar bandar), Malaysia, 2022 dan 2023**

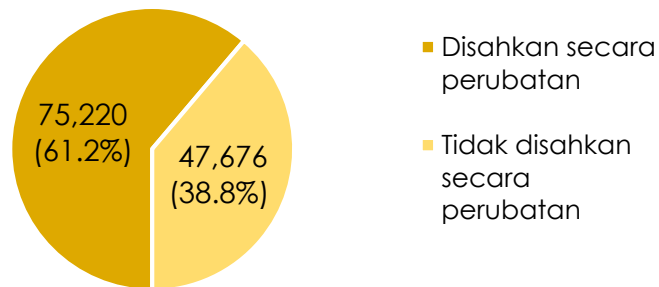


7. SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN ETNIK UTAMA

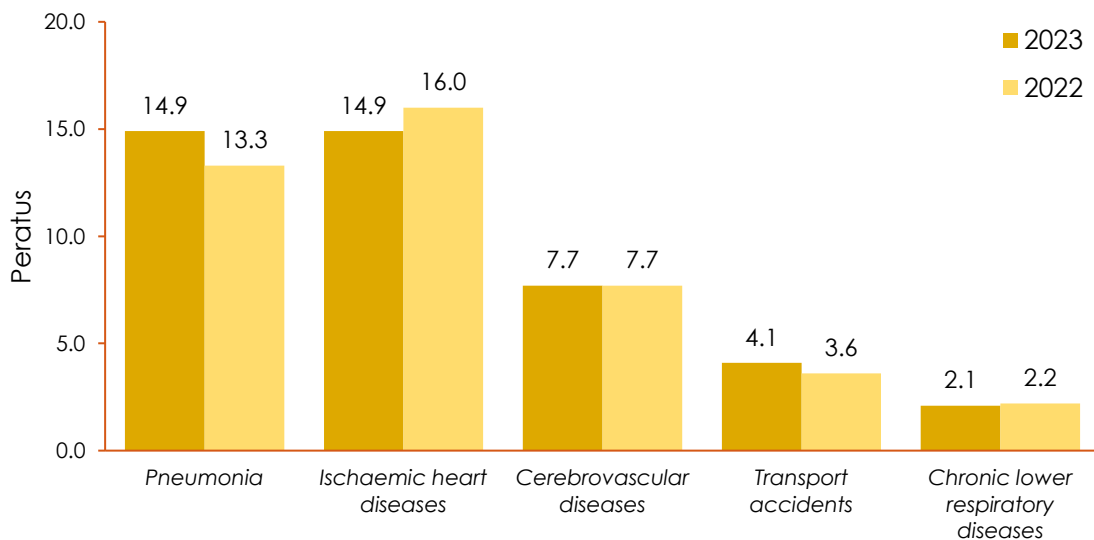
a. *Pneumonia* menjadi sebab kematian utama bagi Bumiputera

Bumiputera terdiri daripada etnik Melayu dan Bumiputera Lain. Bumiputera merekodkan kematian sebanyak 122,896 kematian yang mana 61.2 peratus (75,220) merupakan kematian yang disahkan secara perubatan manakala 38.8 peratus (47,676) adalah kematian yang tidak disahkan secara perubatan pada 2023. *Pneumonia* menjadi sebab kematian utama bagi Bumiputera iaitu 14.9 peratus daripada 75,220 sebab kematian yang disahkan secara perubatan. Ini diikuti *Ischaemic heart diseases* (14.9%), *Cerebrovascular diseases* (7.7%), *Transport accidents* (4.1%) dan *Chronic lower respiratory diseases* (2.1%).

Carta 11: Klasifikasi sebab kematian bagi Bumiputera, Malaysia, 2023



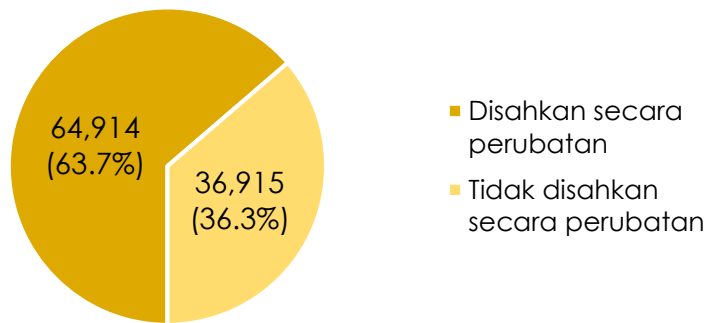
Carta 12: Lima sebab kematian utama bagi Bumiputera, Malaysia, 2022 dan 2023



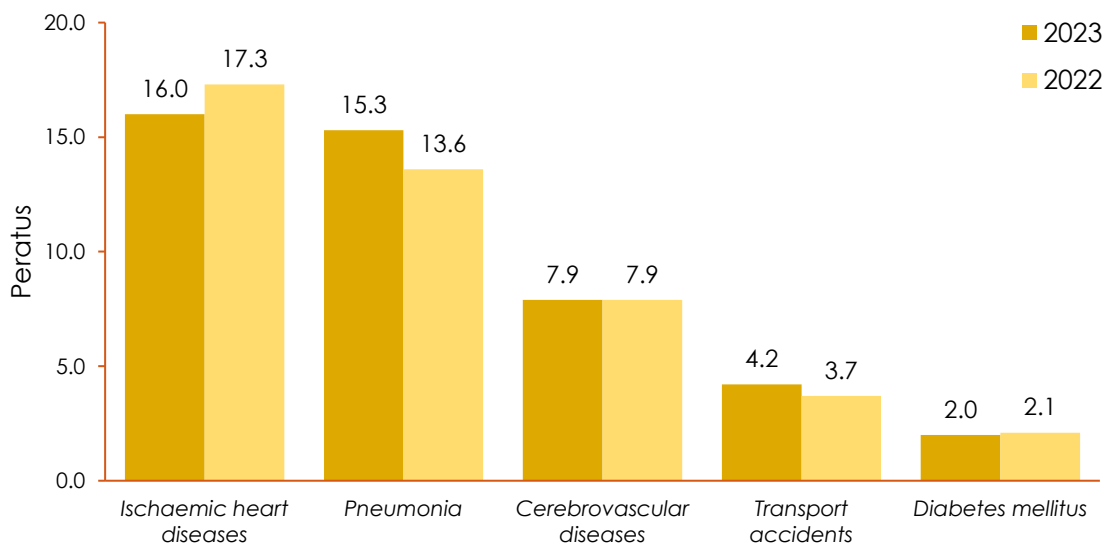
**b. Ischaemic heart diseases merupakan sebab kematian utama bagi etnik Melayu**

Etnik Melayu merekodkan kematian sebanyak 101,829 kematian yang mana 63.7 peratus (64,914) merupakan kematian yang disahkan secara perubatan manakala 36.3 peratus (36,915) adalah kematian yang tidak disahkan secara perubatan pada 2023. *Ischaemic heart diseases* merupakan sebab kematian utama bagi etnik Melayu iaitu 16.0 peratus daripada 64,914 sebab kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* (15.3%), *Cerebrovascular diseases* (7.9%), *Transport accidents* (4.2%) dan *Diabetes mellitus* (2.0%).

**Carta 13: Klasifikasi sebab kematian bagi etnik Melayu, Malaysia, 2023**



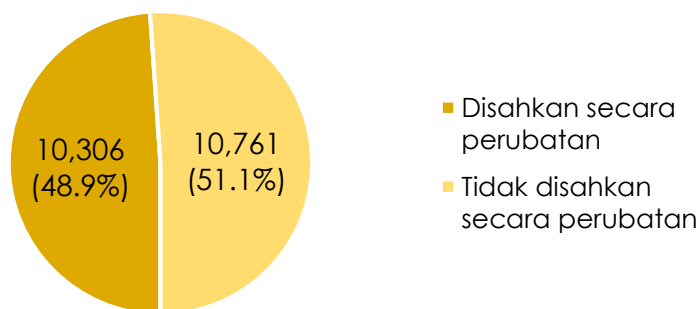
**Carta 14: Lima sebab kematian utama bagi etnik Melayu, Malaysia, 2022 dan 2023**



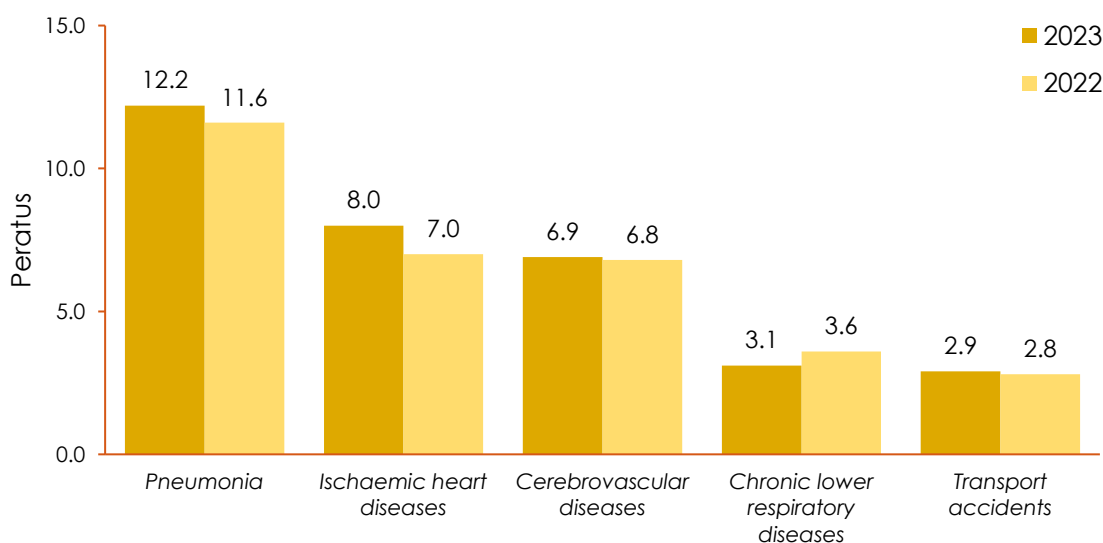
**c. *Pneumonia* menjadi sebab kematian utama bagi Bumiputera Lain**

Bumiputera Lain merekodkan kematian sebanyak 21,067 kematian iaitu 48.9 peratus (10,306) merupakan kematian yang disahkan secara perubatan manakala 51.1 peratus (10,761) adalah kematian yang tidak disahkan secara perubatan pada 2023. *Pneumonia* menjadi sebab kematian utama bagi Bumiputera Lain iaitu 12.2 peratus daripada 10,306 sebab kematian yang disahkan secara perubatan. Ini diikuti *Ischaemic heart diseases* (8.0%), *Cerebrovascular diseases* (6.9%), *Chronic lower respiratory diseases* (3.1%) dan *Transport accidents* (2.9%).

**Carta 15: Klasifikasi sebab kematian bagi Bumiputera Lain, Malaysia, 2023**



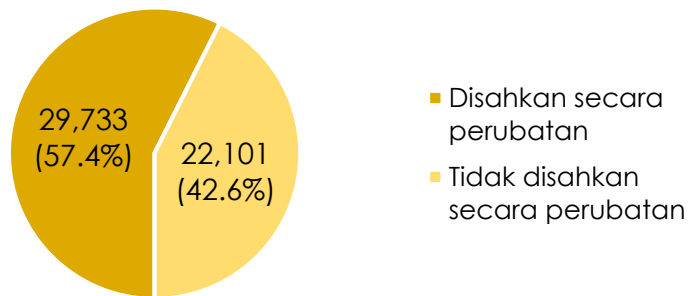
**Carta 16: Lima sebab kematian utama bagi Bumiputera Lain, Malaysia, 2022 dan 2023**



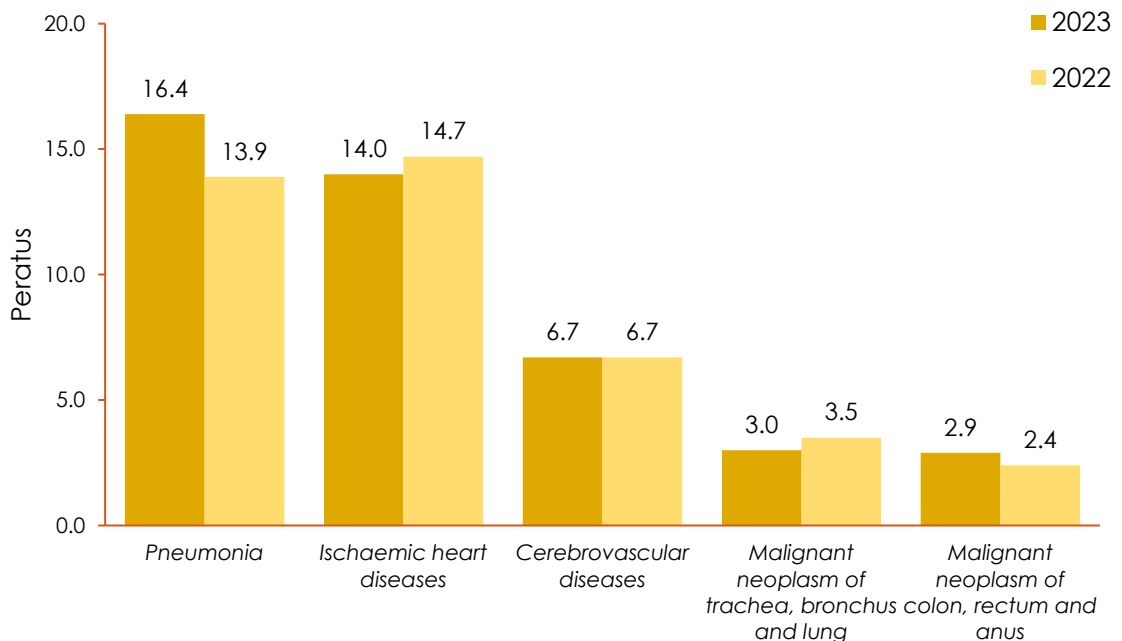
**d. *Pneumonia* merupakan sebab kematian utama bagi etnik Cina**

Etnik Cina merekodkan kematian sebanyak 51,834 kematian yang mana 57.4 peratus (29,733) merupakan kematian yang disahkan secara perubatan manakala 42.6 peratus (22,101) adalah kematian yang tidak disahkan secara perubatan pada 2023. *Pneumonia* merupakan sebab kematian utama bagi etnik Cina dengan 16.4 peratus daripada 29,733 sebab kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (14.0%), *Cerebrovascular diseases* (6.7%), *Malignant neoplasm of trachea, bronchus and lung* (3.0%) dan *Malignant neoplasm of colon, rectum and anus* (2.9%).

**Carta 17: Klasifikasi sebab kematian bagi etnik Cina, Malaysia, 2023**



**Carta 18: Lima sebab kematian utama bagi etnik Cina, Malaysia, 2022 dan 2023**

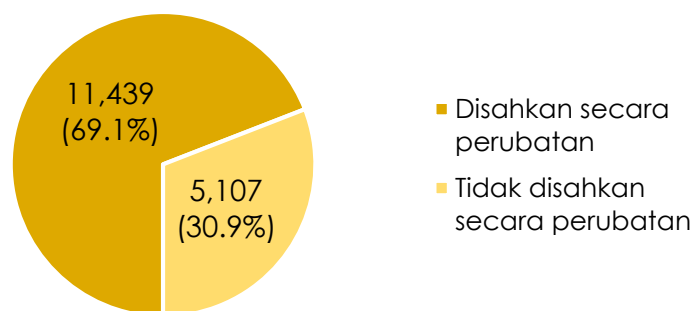




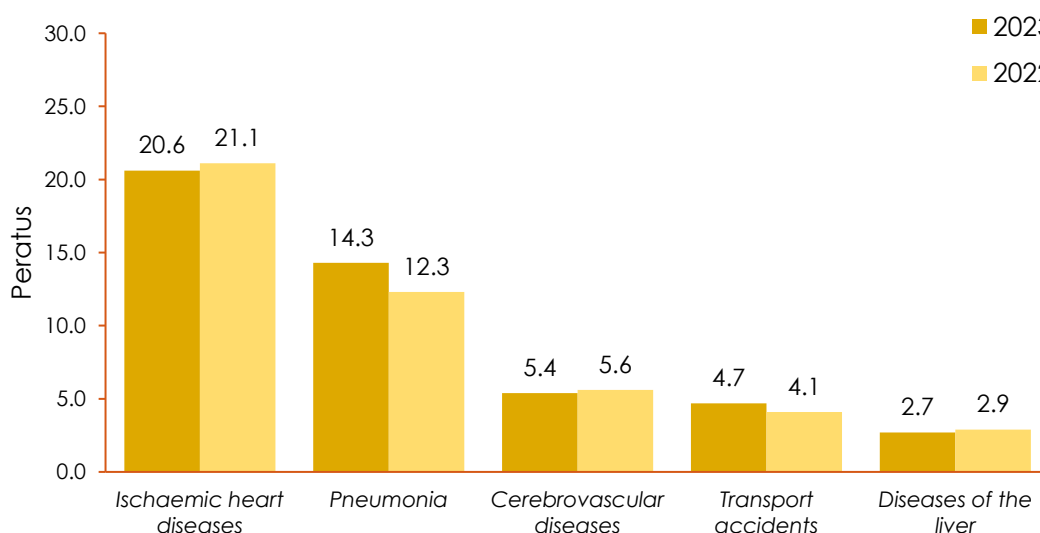
**e. *Ischaemic heart diseases* merupakan sebab kematian utama bagi etnik India**

Etnik India merekodkan kematian sebanyak 16,546 kematian yang mana 69.1 peratus (11,439) daripadanya merupakan kematian yang disahkan secara perubatan manakala 30.9 peratus (5,107) adalah kematian yang tidak disahkan secara perubatan pada 2023. *Ischaemic heart diseases* menjadi sebab kematian utama bagi etnik India iaitu 20.6 peratus daripada 11,439 sebab kematian yang disahkan secara perubatan. Ini diikuti oleh *Pneumonia* (14.3%), *Cerebrovascular diseases* (5.4%), *Transport accidents* (4.7%) dan *Diseases of the liver* (2.7%).

**Carta 19: Klasifikasi sebab kematian bagi etnik India, Malaysia, 2023**



**Carta 20: Lima sebab kematian utama bagi etnik India, Malaysia, 2022 dan 2023**

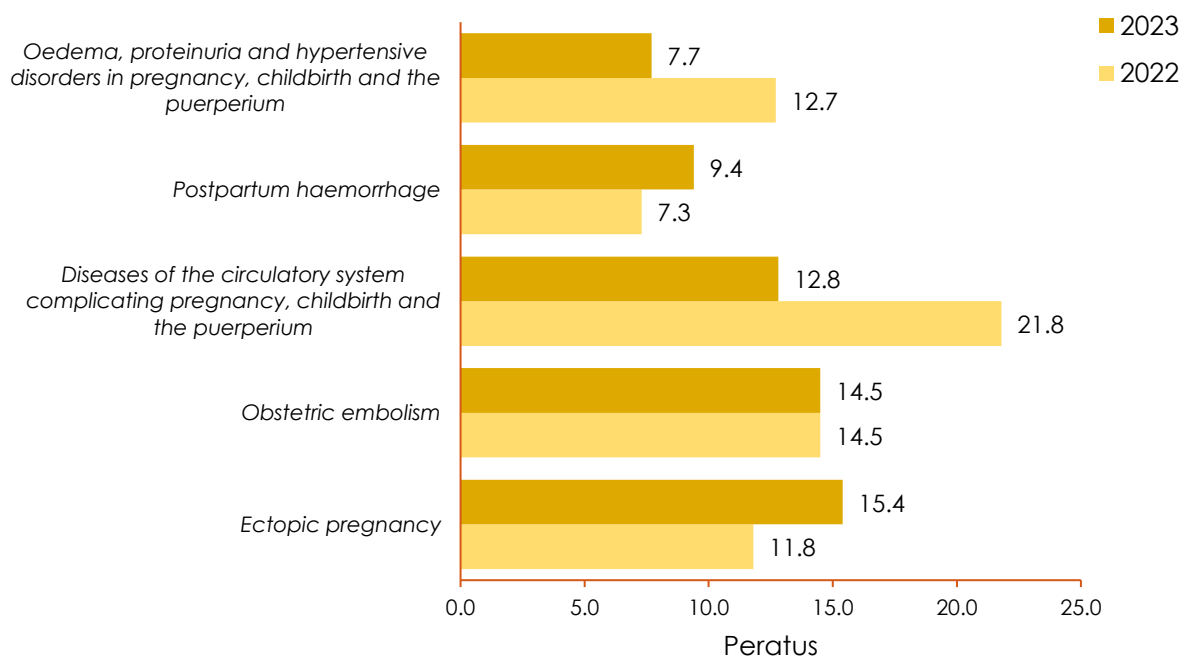


## 8. SEBAB KEMATIAN UTAMA BAGI IBU BERSALIN

### ***Ectopic pregnancy* dicatatkan sebagai sebab kematian utama bagi ibu bersalin**

Kematian ibu bersalin meningkat daripada 110 kematian pada 2022 kepada 117 kematian pada 2023. Nisbah mortaliti ibu bersalin menunjukkan penurunan daripada 26.0 (2022) kepada 25.7 bagi setiap 100,000 kelahiran hidup. *Ectopic pregnancy* merupakan sebab kematian utama bagi ibu bersalin pada 2023 dengan 15.4 peratus diikuti *Obstetric embolism* (14.5%), *Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium* (12.8%), *Postpartum haemorrhage* (9.4%) dan *Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium* (7.7%).

**Carta 21: Lima sebab kematian utama bagi ibu bersalin, Malaysia, 2022 dan 2023**

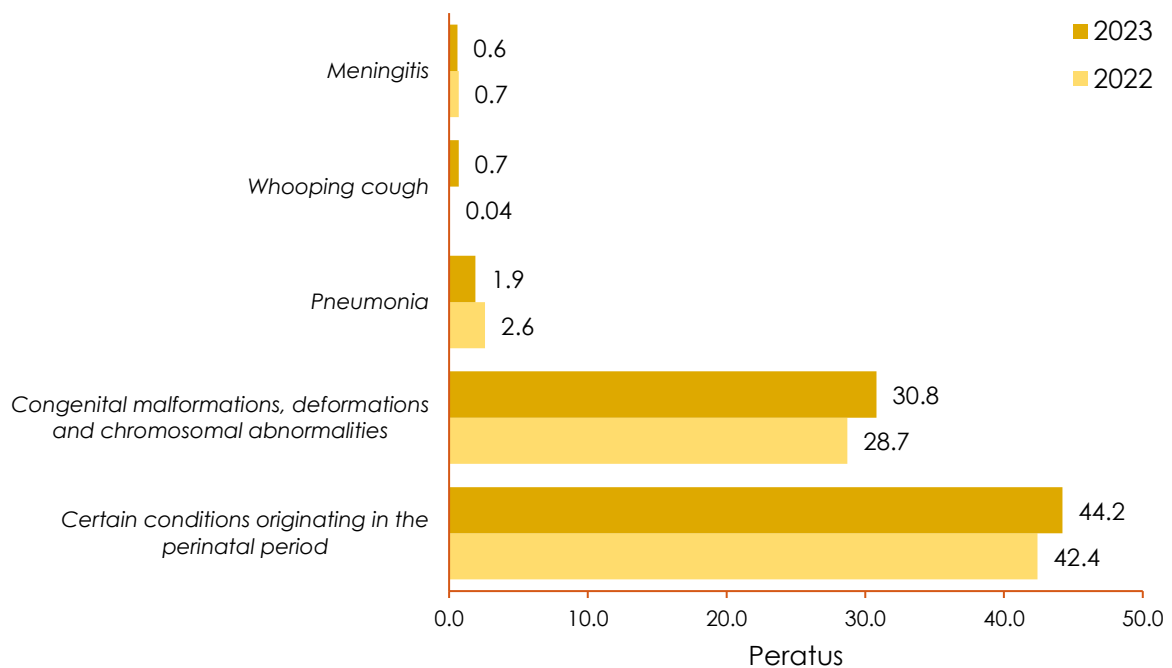


## 9. SEBAB KEMATIAN UTAMA BAGI BAYI

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

Bilangan kematian bayi meningkat kepada 3,054 kematian pada 2023 berbanding 2,871 kematian pada 2022. *Certain conditions originating in the perinatal period* kekal sebagai sebab kematian utama bagi bayi pada 2023 dengan 44.2 peratus diikuti *Congenital malformations, deformations and chromosomal abnormalities* (30.8%), *Pneumonia* (1.9%), *Whooping cough* (0.7%) dan *Meningitis* (0.6%).

**Carta 22: Lima sebab kematian utama bagi bayi, Malaysia, 2022 dan 2023**

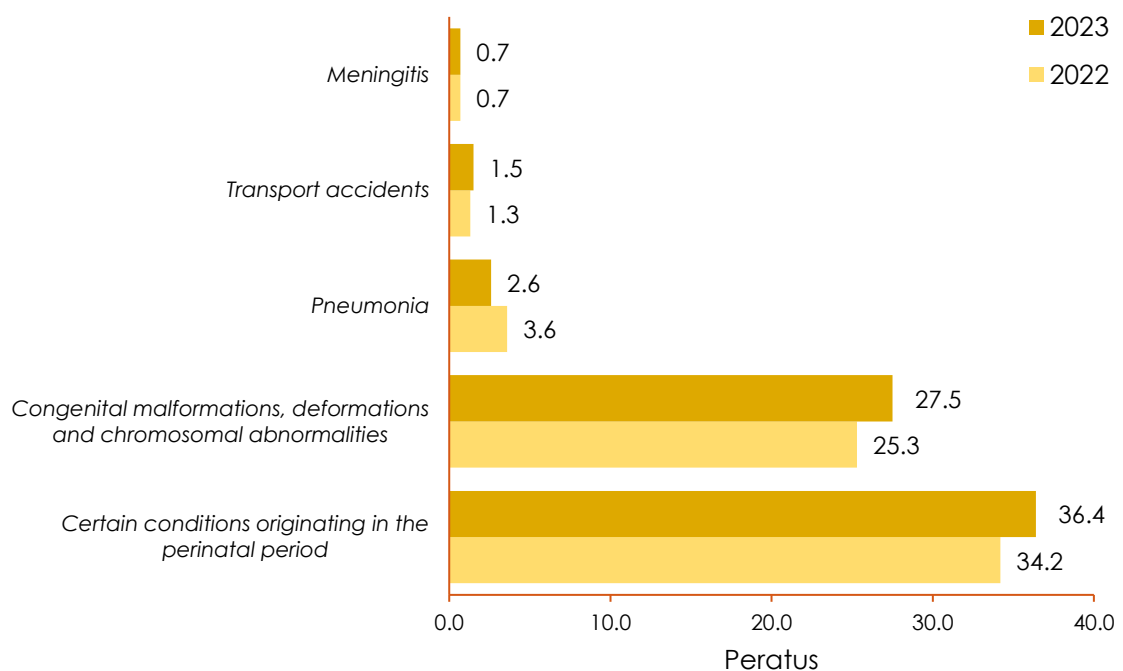


## 10. SEBAB KEMATIAN UTAMA BAGI KEMATIAN KANAK-KANAK KURANG DARIPADA LIMA TAHUN

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

Kematian kanak-kanak kurang daripada lima tahun meningkat daripada 3,655 kematian (2022) kepada 3,763 kematian pada 2023. *Certain conditions originating in the perinatal period* kekal menjadi sebab kematian utama bagi kanak-kanak kurang daripada lima tahun pada 2023 dengan 36.4 peratus diikuti *Congenital malformations, deformations and chromosomal abnormalities* (27.5%), *Pneumonia* (2.6%), *Transport accidents* (1.5%) dan *Meningitis* (0.7%).

**Carta 23: Lima sebab kematian utama bagi kanak-kanak kurang daripada lima tahun, Malaysia, 2022 dan 2023**



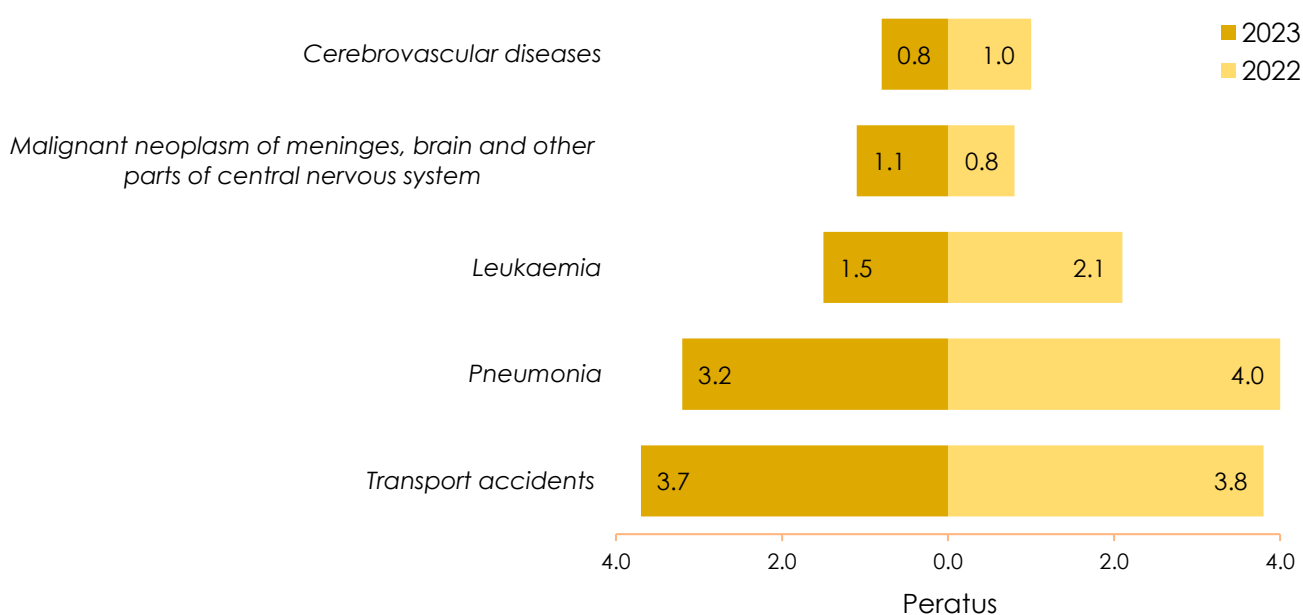
## 11. SEBAB KEMATIAN UTAMA MENGIKUT KUMPULAN UMUR TERPILIH

### a. Penduduk berumur 0 hingga 14 tahun

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

Kematian penduduk berumur 0 hingga 14 tahun meningkat daripada 4,755 kematian kepada 4,933 kematian pada 2023. *Transport accidents* adalah sebab kematian utama bagi penduduk berumur 0 hingga 14 tahun pada 2023 iaitu 3.7 peratus daripada 4,356 kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* (3.2%), *Leukaemia* (1.5%), *Malignant neoplasm of meninges, brain and other parts of central nervous system* (1.1%) dan *Cerebrovascular diseases* (0.8%).

**Carta 24: Lima sebab kematian utama bagi penduduk berumur 0 hingga 14 tahun, Malaysia, 2022 dan 2023**

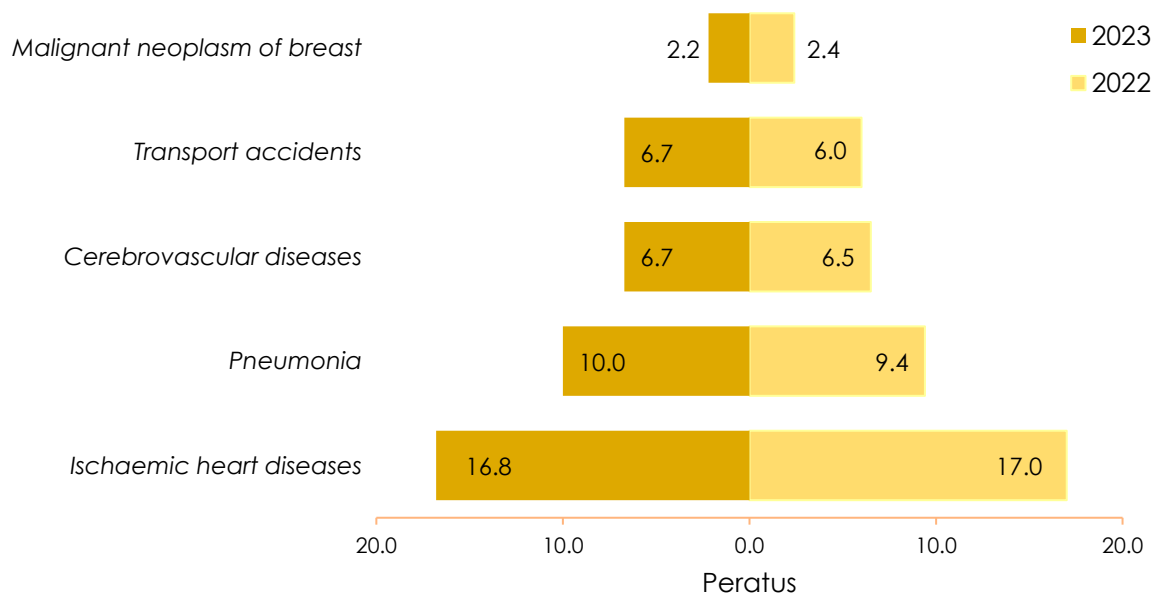


## b. Penduduk berumur 15 hingga 64 tahun

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

Kematian penduduk berumur 15 hingga 64 tahun menurun daripada 77,748 (2022) kepada 73,820 pada 2023. *Ischaemic heart diseases* menjadi sebab kematian utama bagi penduduk berumur 15 hingga 64 tahun pada 2023 iaitu 16.8 peratus daripada 53,265 kematian yang disahkan secara perubatan. Ini diikuti *Pneumonia* (10.0%), *Cerebrovascular diseases* (6.7%), *Transport accidents* (6.7%) dan *Malignant neoplasm of breast* (2.2%).

**Carta 25: Lima sebab kematian utama penduduk berumur 15 hingga 64 tahun, Malaysia, 2022 dan 2023**

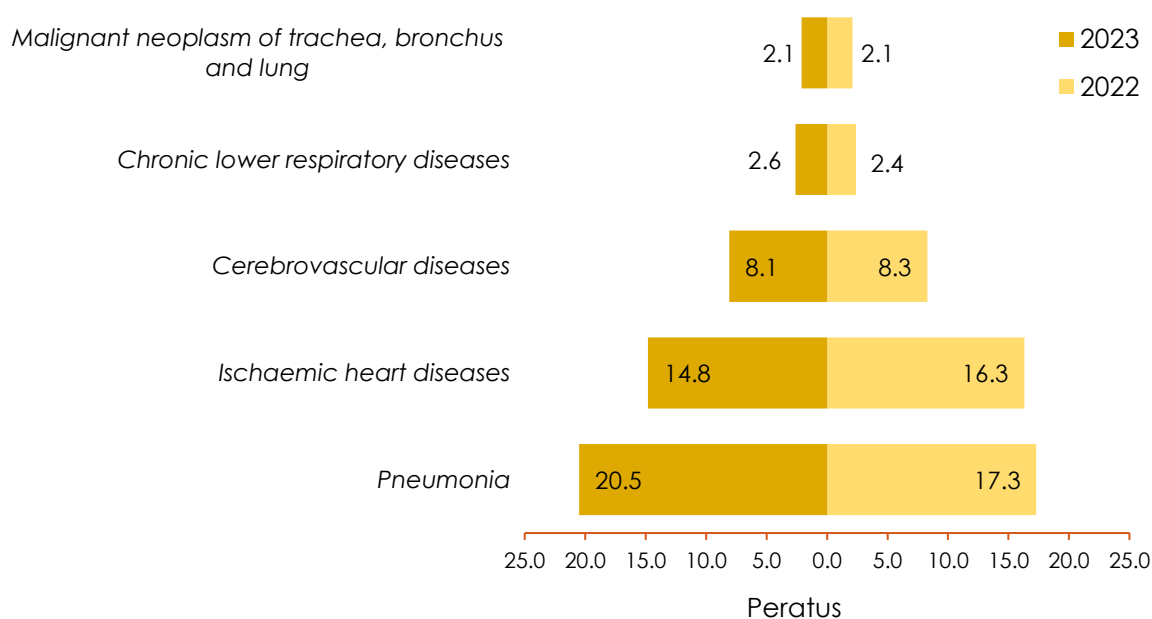


### c. Penduduk berumur 65 tahun dan lebih

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

Kematian penduduk berumur 65 tahun dan lebih menurun kepada 118,212 kematian pada 2023 berbanding 124,277 kematian (2022). *Pneumonia* kekal sebagai sebab kematian utama bagi penduduk berumur 65 tahun dan lebih pada 2023 iaitu 20.5 peratus daripada 62,031 kematian yang disahkan secara perubatan. Ini diikuti *Ischaemic heart diseases* (14.8%), *Cerebrovascular diseases* (8.1%), *Chronic lower respiratory diseases* (2.6%) dan *Malignant neoplasm of trachea, bronchus and lung* (2.1%).

**Carta 26: Lima sebab kematian utama penduduk berumur 65 tahun dan lebih, Malaysia, 2022 dan 2023**

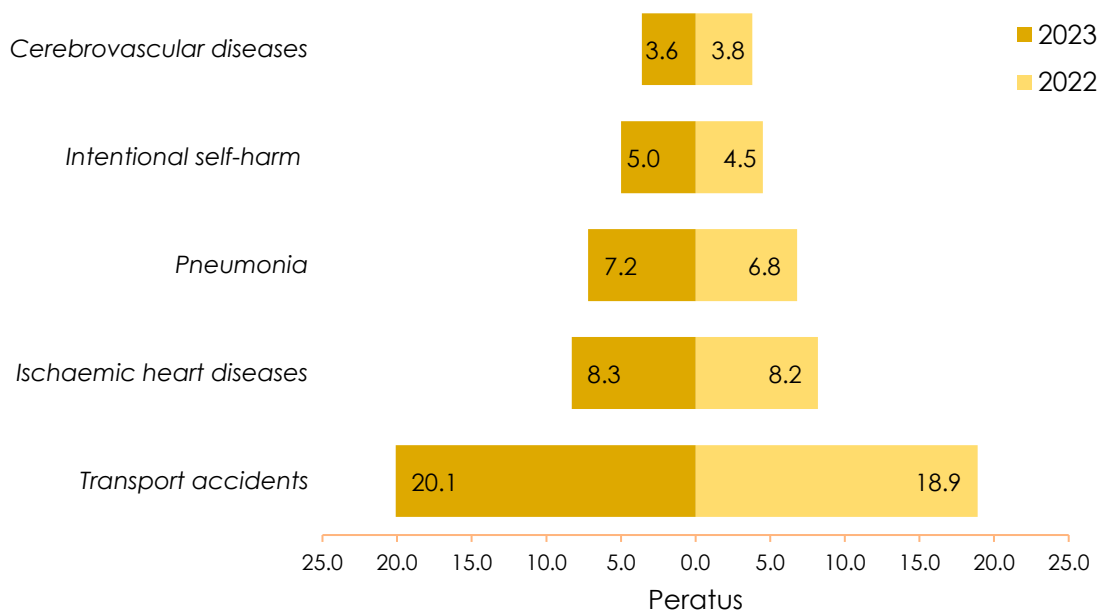


#### d. Penduduk berumur 15 hingga 40 tahun

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

Kematian penduduk berumur 15-40 tahun merekodkan penurunan daripada 15,033 kematian (2022) kepada 14,600 kematian pada 2023. *Transport accidents* menjadi sebab kematian utama bagi penduduk berumur 15 hingga 40 tahun pada 2023 iaitu 20.1 peratus daripada 12,099 kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (8.3%), *Pneumonia* (7.2%), *Intentional self-harm* (5.0%) dan *Cerebrovascular diseases* (3.6%).

**Carta 27: Lima sebab kematian utama bagi penduduk berumur 15 hingga 40 tahun, Malaysia, 2022 dan 2023**



Nota:

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

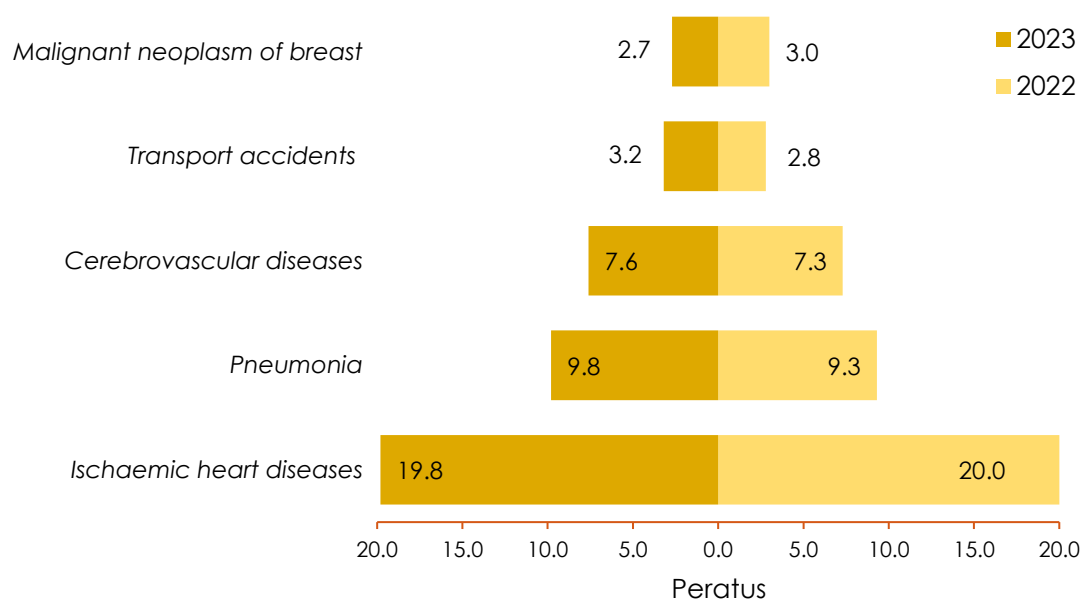


### e. Penduduk berumur 41 hingga 59 tahun

#### *Ischaemic heart diseases* kekal sebagai sebab kematian utama bagi penduduk berumur 41 hingga 59 tahun

Kematian penduduk berumur 41 hingga 59 tahun merekodkan penurunan daripada 41,680 kematian (2022) kepada 39,767 kematian pada 2023. *Ischaemic heart diseases* kekal sebagai sebab kematian utama bagi penduduk berumur 41 hingga 59 tahun pada 2023 iaitu 19.8 peratus daripada kematian yang disahkan secara perubatan (28,601). Ini diikuti oleh *Pneumonia* (9.8%), *Cerebrovascular diseases* (7.6%), *Transport accidents* (3.2%) dan *Malignant neoplasm of breast* (2.7%).

**Carta 28: Lima sebab kematian utama penduduk berumur 41 hingga 59 tahun, Malaysia, 2022 dan 2023**



**Nota:**

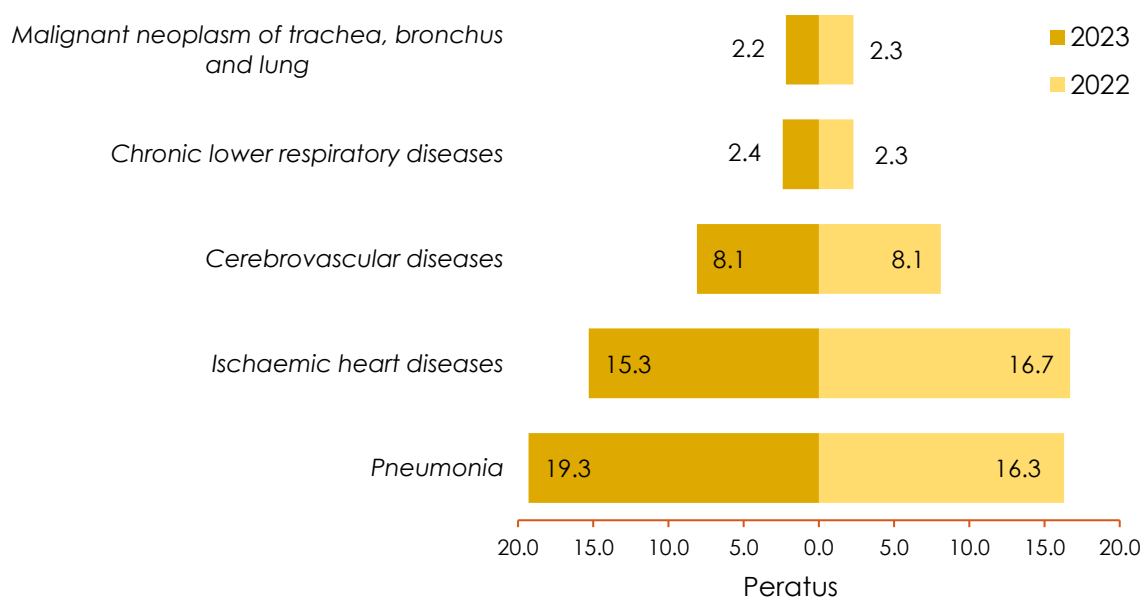
Sebelum ini, jumlah kematian yang lebih tinggi direkodkan oleh umur 60 tahun dan lebih. Sejak kebelakangan ini, jumlah kematian mengikut umur telah berubah daripada umur 60 tahun dan lebih kepada umur 41 tahun kepada 59 tahun

## 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 penurunan daripada 145,312 kematian (2022) kepada 137,665 kematian pada 2023. *Pneumonia* menjadi sebab kematian utama bagi penduduk berumur 60 tahun dan lebih pada 2023 iaitu 19.3 peratus daripada 74,596 kematian yang disahkan secara perubatan. Ini diikuti oleh *Ischaemic heart diseases* (15.3%), *Cerebrovascular diseases* (8.1%), *Chronic lower respiratory diseases* (2.4%) dan *Malignant neoplasm of trachea, bronchus and lung* (2.2%).

**Carta 29: Lima sebab kematian utama penduduk berumur 60 tahun dan lebih, Malaysia, 2022 dan 2023**



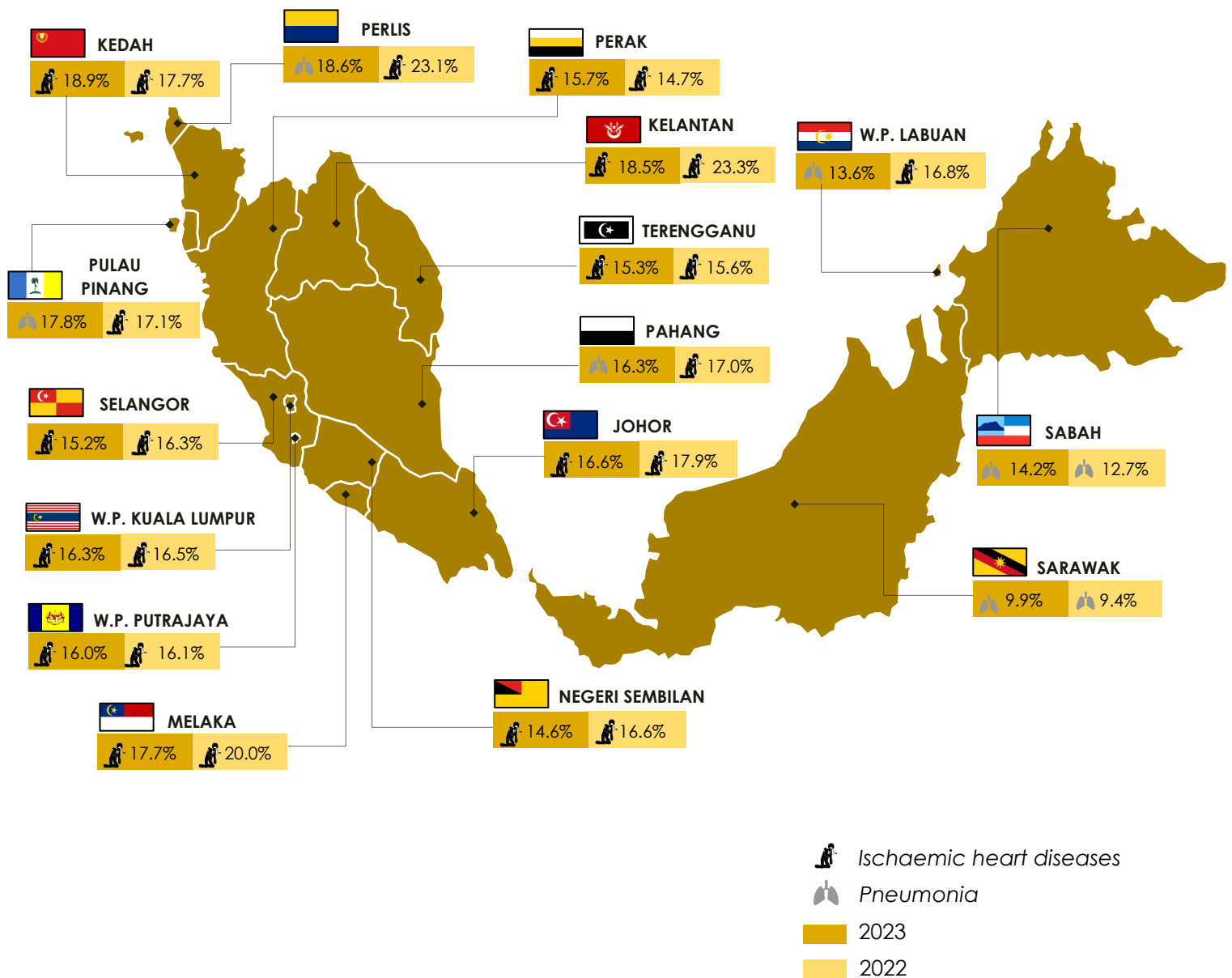
#### Nota:

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

## 12. SEBAB KEMATIAN UTAMA MENGIKUT NEGERI

Enam negeri merekodkan *Pneumonia* sebagai sebab kematian utama pada tahun 2023 iaitu Pahang, Perlis, Pulau Pinang, Sabah, Sarawak dan W.P. Labuan. Manakala 10 negeri merekodkan *Ischaemic heart diseases* sebagai sebab kematian utama.

Paparan 1: Sebab kematian utama mengikut negeri, Malaysia, 2022 dan 2023



### 13. SEBAB KEMATIAN UTAMA MENGIKUT DAERAH PENTADBIRAN

*Pneumonia* merupakan sebab kematian utama di 78 daerah pentadbiran dan peratusan tertinggi direkodkan di daerah Kubang Pasu, Kedah dengan 26.3 peratus. Sementara itu, *Ischaemic heart diseases* merupakan sebab kematian utama di 65 daerah pentadbiran dengan peratusan tertinggi dicatatkan di Langkawi, Kedah (31.3%).

Selain itu, 11 daerah merekodkan *Cerebrovascular diseases* sebagai sebab kematian utama, manakala *Malignant neoplasm of breast* direkodkan di satu daerah (Kalabakan, Sabah) dan *Hypertensive diseases* di satu daerah (Dalat, Sarawak).

**Jadual 2: Sebab kematian utama mengikut daerah pentadbiran, 2023**

Sebab kematian utama	Bilangan daerah pentadbiran	Peratus daerah pentadbiran tertinggi
<i>Pneumonia</i>	78	Kubang Pasu, Kedah (26.3%)
<i>Ischaemic heart diseases</i>	65	Langkawi, Kedah (31.3%)
<i>Cerebrovascular diseases</i>	11	Belaga, Sarawak (13.8%)
<i>Malignant neoplasm of breast</i>	1	Kalabakan, Sabah (8.1%)
<i>Hypertensive diseases</i>	1	Dalat, Sarawak (7.3%)

## 14. SEBAB KEMATIAN UTAMA NEGARA TERPILIH

### a. Sebab kematian utama mengikut negara ASEAN

*Stroke, Cancer dan Ischaemic heart diseases* merupakan sebab kematian utama bagi negara ASEAN pada 2021.

#### Paparan 2: Penduduk, Kadar kematian kasar dan Sebab kematian utama mengikut negara ASEAN, 2021



Brunei  
Darussalam



Cambodia



Indonesia



Lao PDR



Malaysia

<b>Penduduk (juta)</b>	0.4	16.8	275.7	7.4	<b>33.4</b>
<b>CDR (setiap 1,000 penduduk)</b>	5.2	6.0	6.6	6.3	<b>5.9</b>
<b>Sebab kematian utama</b>	<i>Cancer</i>	<i>Stroke</i>	<i>COVID-19</i>	<i>Ischaemic heart diseases</i>	<b><i>Pneumonia</i></b>



Myanmar



Philippines



Singapore



Thailand



Viet Nam

<b>Penduduk (juta)</b>	53.4	113.1	5.9	71.7	98.9
<b>CDR (setiap 1,000 penduduk)</b>	8.3	6.1	6.2	9.0	6.1
<b>Sebab kematian utama</b>	<i>Stroke</i>	<i>Ischaemic heart diseases</i>	<i>Cancer</i>	<i>Stroke</i>	<i>Stroke</i>

Nota:

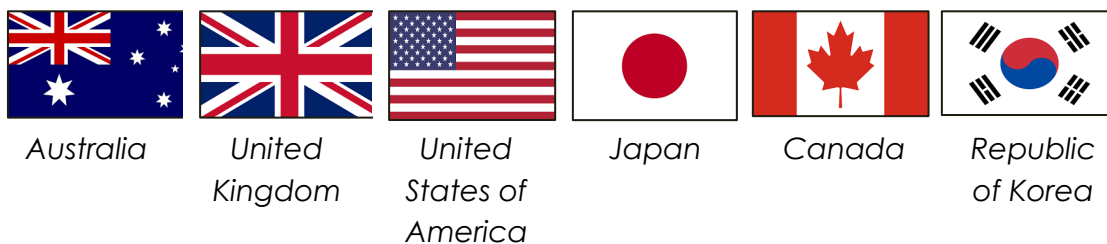
Data terkini bagi Malaysia, Singapore dan Philippines adalah 2023, manakala Brunei adalah 2022 dan data negara ASEAN lain adalah 2021

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

### b. Sebab kematian utama mengikut negara terpilih

*Cancer, Ischaemic heart diseases dan Dementia and Alzheimers disease* merupakan sebab kematian utama bagi negara terpilih pada 2022.

#### Paparan 3: Penduduk, Kadar kematian kasar dan sebab kematian utama mengikut negara terpilih, 2022



<b>Penduduk (juta)</b>	26.2	67.6	334.9	124.9	39.5	51.6
<b>CDR (setiap 1,000 penduduk)</b>	7.3	9.6	8.0	12.9	8.6	7.3
<b>Sebab kematian utama</b>	<i>Ischaemic heart diseases</i>	<i>Dementia and Alzheimers diseases</i>	<i>Ischaemic heart diseases</i>	<i>Cancer</i>	<i>Cancer</i>	<i>Cancer</i>

Sumber data: Pejabat Statistik Negara dan Kementerian Kesihatan Negara terpilih

## 15. INDIKATOR SDG YANG BERKAITAN DENGAN PERANGKAAAN SEBAB KEMATIAN

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

SDG meliputi 17 Matlamat, 169 Sasaran dan 248 Indikator. Statistik sebab kematian merupakan sebahagian daripada indikator yang disenaraikan dalam Matlamat 3: Memastikan kehidupan yang sihat dan menggalakkan kesejahteraan untuk semua peringkat umur. Indikator yang berkaitan adalah indikator 3.4.1 dan 3.4.2.

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

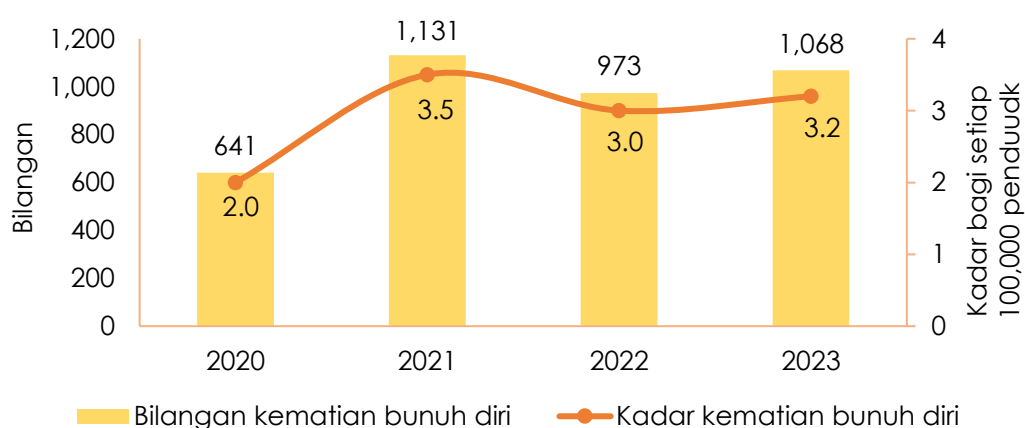
Kematian pramatang merujuk kepada kematian yang berlaku di antara umur 30 hingga 69 tahun. Kadar kematian bagi penyakit tersebut menurun pada 2023 berbanding 2022 kecuali *Cancer* yang merekodkan peningkatan daripada 64.6 kematian kepada 66.0 kematian bagi setiap 100,000 penduduk berumur 30-69 tahun. Antara empat penyakit tersebut, *Cardiovascular diseases* mencatatkan kadar kematian tertinggi.

### **Jadual 3: Kadar kematian pramatang berpunca daripada *Cardiovascular diseases, Cancer, Diabetes* dan *Chronic respiratory diseases*, Malaysia, 2022 dan 2023**

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>
2023	130.5	66.0	6.3	15.8
2022	142.1	64.6	7.5	16.7

**Indikator 3.4.2: Kadar kematian bunuh diri**

Bilangan kematian bunuh diri di Malaysia telah menunjukkan peningkatan daripada 641 kematian pada 2020 kepada 1,068 kematian pada 2023. Sementara itu, kadar kematian bunuh diri meningkat daripada 2.0 kematian pada 2020 kepada 3.2 kematian bagi setiap 100,000 penduduk pada 2023.

**Carta 30: Bilangan dan kadar kematian bunuh diri, Malaysia, 2020 hingga 2023****Jadual 4: Bilangan kematian bunuh diri mengikut negeri kejadian, Malaysia, 2020 hingga 2023**

Negeri	2020	2021	2022	2023
<b>Malaysia</b>	<b>641</b>	<b>1,131</b>	<b>973</b>	<b>1,068</b>
Johor	104	162	138	123
Kedah	17	64	48	44
Kelantan	30	14	11	21
Melaka	20	27	16	23
Negeri Sembilan	44	52	39	57
Pahang	38	47	42	40
Perak	55	115	110	98
Perlis	1	5	4	6
Pulau Pinang	66	113	84	123
Sabah	50	51	55	33
Sarawak	40	59	41	45
Selangor	91	277	268	305
Terengganu	15	14	8	13
W.P. Kuala Lumpur	65	124	107	135
W.P. Labuan	-	4	2	2
W.P. Putrajaya	5	3	-	-



# *SUMMARY OF FINDINGS*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

## 1. INTRODUCTION

*Statistics on Causes of Death, Malaysia, 2024* presents the principal causes of death statistics by classification for 2023. Department of Statistics Malaysia (DOSM) uses International Statistical Classification of Diseases and Related Health Problems, 10<sup>th</sup> Revision (ICD-10) published by World Health Organization (2010) to classify causes of death.

The statistics reported in this publication refer to deaths data registered at the National Registration Department. The demographic indicators that involved population data for 2020 to 2023 have been revised based on the Population and Housing Census of Malaysia 2020. Meanwhile, the indicators for 2011 to 2019 are based on the Population and Housing Census of Malaysia 2010 and will be revised later. Data for 2020 to 2022 have been updated based on the report on suicide cases from the Royal Malaysia Police.

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

**a. Medically certified**

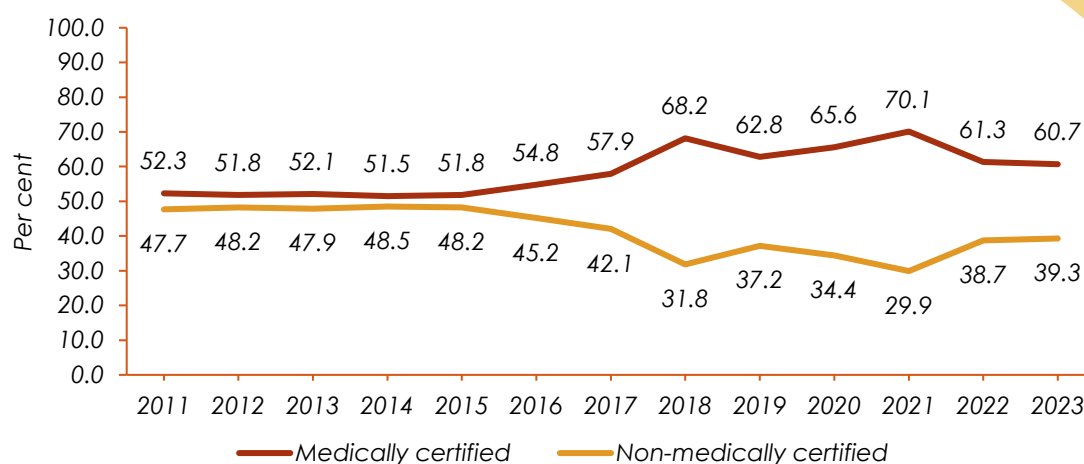
Verification made by medical officer and coroner only.

**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. Almost 61 per cent of 196,965 deaths were classified as medically certified deaths in 2023, while 39.3 per cent was non-medically certified deaths (Chart 1). This summary of findings presents the medically certified principal causes of death in Malaysia for 2023.

**Chart 1: Percentage of medically certified and non-medically certified causes of death, Malaysia, 2011 to 2023**



## 2. MAIN FINDINGS OF STATISTICS ON CAUSES OF DEATH

- a. The number of deaths in 2023 decreased 4.7 per cent from 206,780 deaths (2022) to 196,965 deaths. Out of this total, 60.7 per cent (119,652) was medically certified.
- b. Pneumonia was the principal causes of death in Malaysia which recorded 18,181 deaths (15.2%) in 2023. Pneumonia supersedes Ischaemic heart disease as the principal causes of death for the first time in two decades, except COVID-19 infection (due to) was the principal causes of death in 2021.
- c. Ischaemic heart diseases and Pneumonia were the principal causes of death for males and females, with 12,648 and 7,815 deaths, respectively.
- d. Pneumonia was the principal causes of death for Chinese and Other Bumiputera in 2023 while Malay, Indians and Others recorded Ischaemic heart diseases as principal causes of death.
- e. Age groups 0-14 years and 65 years and over registered Transport accidents and Pneumonia as the principal causes of death, while age group 15 to 64 years recorded Ischaemic heart diseases as the principal causes of death.
- f. Six states namely Pahang, Perlis, Pulau Pinang, Sabah, Sarawak and W.P. Labuan registered Pneumonia as principal causes of death, while 10 other states recorded Ischaemic heart diseases as principal causes of death.
- g. Pneumonia was the principal causes of death in 78 administrative districts and the highest percentage was recorded in Kubang Pasu, Kedah with 26.3 per cent.

### 3. DEATHS

#### **The number of deaths decreased 4.7 per cent in 2023**

The number of deaths in 2023 decreased 4.7 per cent from 206,780 deaths (2022) to 196,965 deaths. The number of deaths for males decreased 4.9 per cent from 118,018 to 112,293 deaths and females decreased 4.6 per cent from 88,762 to 84,672 deaths. Crude death rate (CDR) decreased from 6.3 (2022) to 5.9 deaths per thousand population in 2023.

**Table 1: Number of deaths by sex, Malaysia, 2022 and 2023**

Year	Number			Rate (per 1,000 population)		
	Total	Male	Female	Total	Male	Female
2023	196,965	112,293	84,672	5.9	6.4	5.3
2022	206,780	118,018	88,762	6.3	6.9	5.7

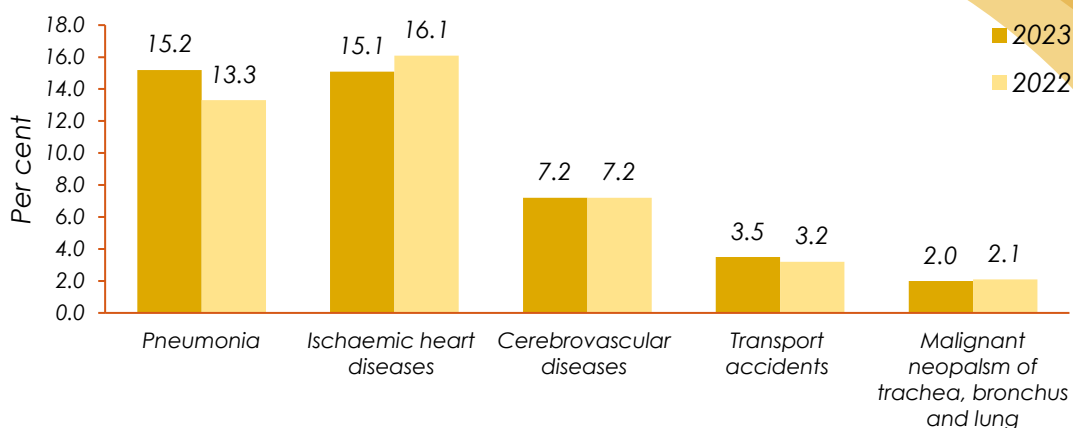
### 4. CAUSES OF DEATH

#### a. Five principal causes of death

##### **Pneumonia as the principal causes of death in Malaysia**

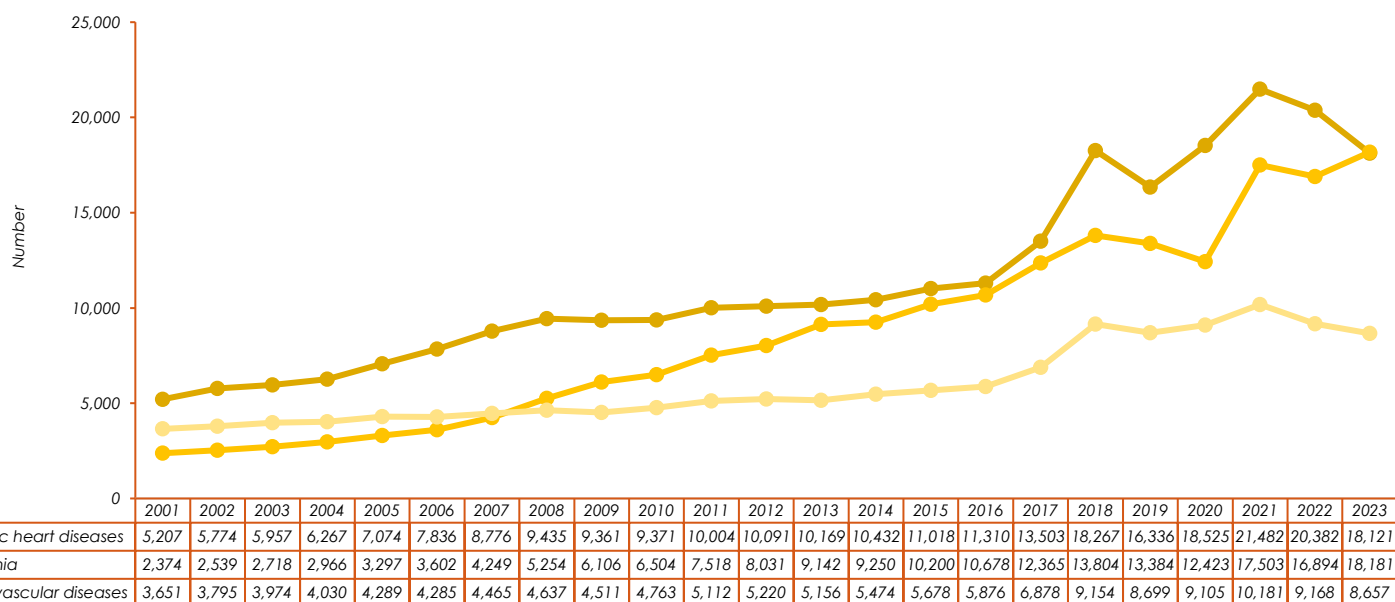
Pneumonia as the principal causes of death in 2023, registered 18,181 (15.2%) from 119,652 medically certified deaths in 2023. This was followed by Ischaemic heart diseases (15.1%), Cerebrovascular diseases (7.2%), Transport accidents (3.5%) and Malignant neoplasm of trachea, bronchus and lung (2.0%) (Chart 2).

**Chart 2: Five principal causes of death, Malaysia, 2022 and 2023**



For the period of 2001 to 2023, Pneumonia showed an increase from 2,374 deaths (5.3%) in 2001 to 18,181 deaths (15.2%) in 2023. Ischaemic heart diseases and Cerebrovascular diseases also increased from 5,207 and 3,651 in 2001 to 18,121 and 8,657 in 2023, respectively.

**Chart 3: Time series trend for three selected principal causes of death, Malaysia, 2001-2023**

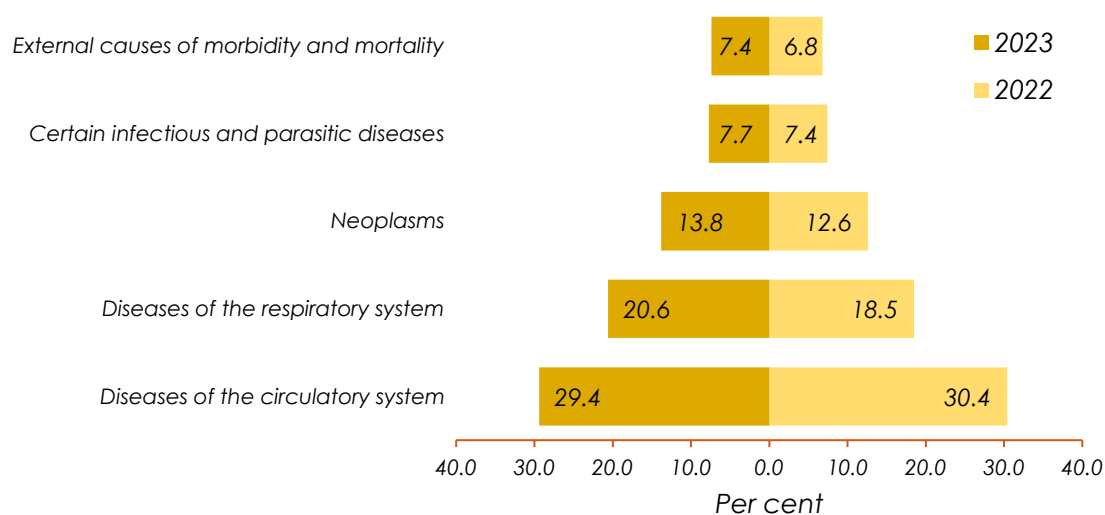


## b. Five principal causes of death by Chapter ICD-10

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

Diseases of the circulatory system remained as the principal causes of death by Chapter ICD-10 in 2023 at 29.4 per cent followed by Diseases of the respiratory system (20.6%), Neoplasms (13.8%), Certain infectious and parasitic diseases (7.7%) and External causes of morbidity and mortality (7.4%).

**Chart 4: Five principal causes of death by Chapter ICD-10, Malaysia, 2022 and 2023**

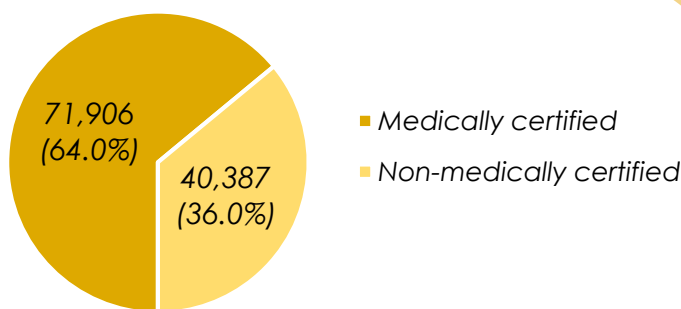


## 5. PRINCIPAL CAUSES OF DEATH BY SEX

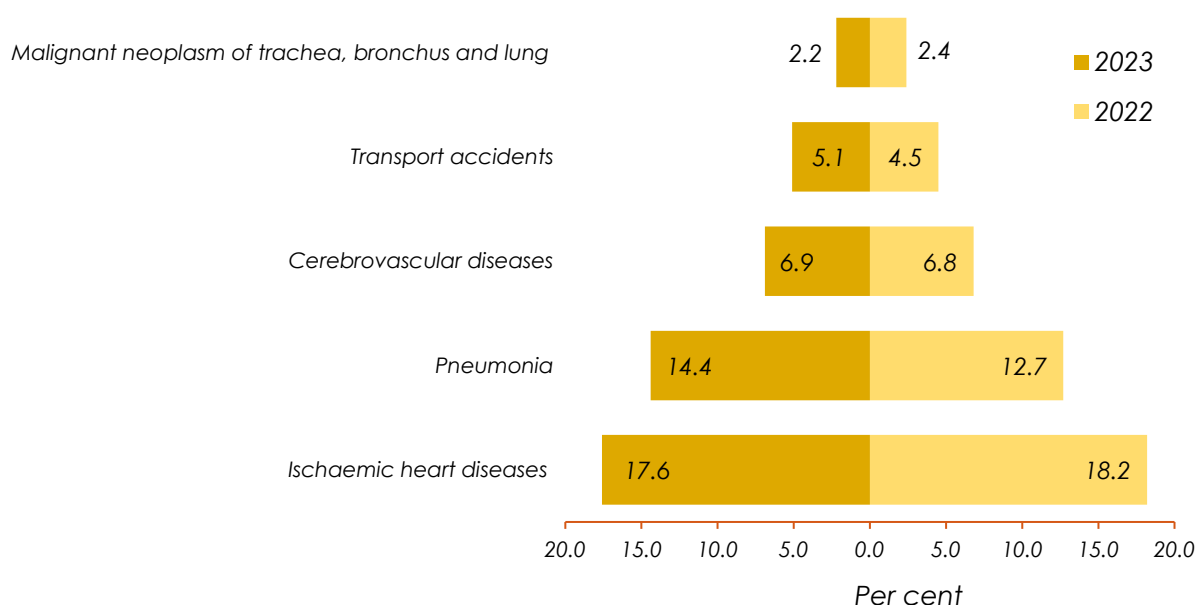
### a. Ischaemic heart diseases was the principal causes of death for males

Males recorded 112,293 deaths in 2023, of which 64.0 per cent (71,906) were medically certified deaths while 36.0 per cent (40,387) were non-medically certified deaths (Chart 5). Ischaemic heart diseases was the principal causes of death for males at 17.6 per cent of the 71,906 medically certified deaths. This was followed by Pneumonia (14.4%), Cerebrovascular diseases (6.9%), Transport accidents (5.1%) and Malignant neoplasm of trachea, bronchus and lung (2.2%) (Chart 6).

**Chart 5: Classification of causes of death for males, Malaysia, 2023**



**Chart 6: Five principal causes of death for males, Malaysia, 2022 and 2023**

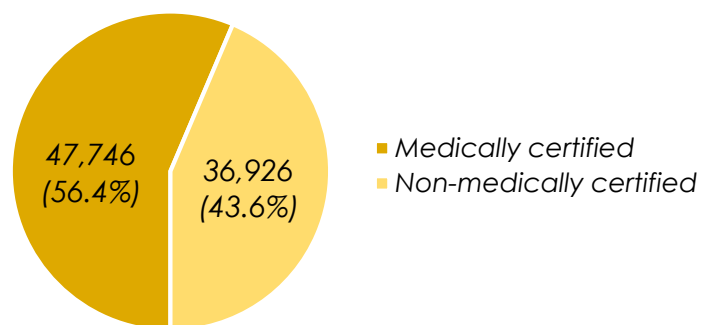


**b. Pneumonia was the principal causes of death for females**

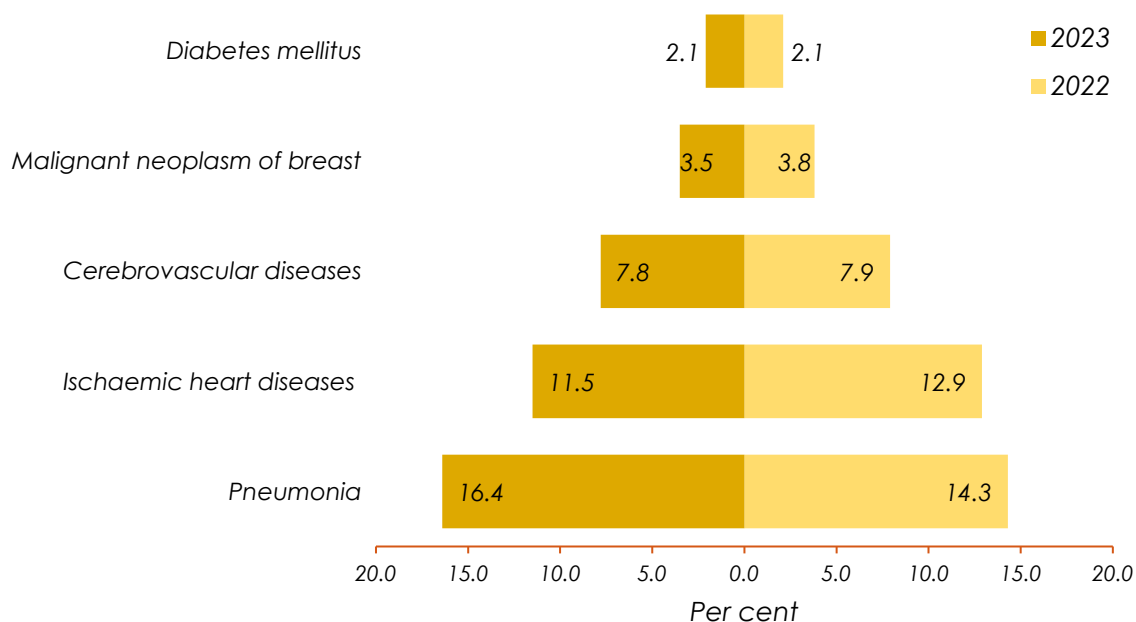
Females recorded 84,672 deaths in 2023, of which 56.4 per cent (47,746) were medically certified deaths while 43.6 per cent (36,926) were non-medically certified deaths (Chart 7). Pneumonia was the principal causes of death for females at 16.4 per cent of the 47,746 medically certified deaths. This was followed by Ischaemic heart diseases (11.5%), Cerebrovascular diseases (7.8%), Malignant neoplasm of breast (3.5%) and Diabetes mellitus (2.1%) (Chart 8).



**Chart 7: Classification of causes of death for females, Malaysia, 2023**



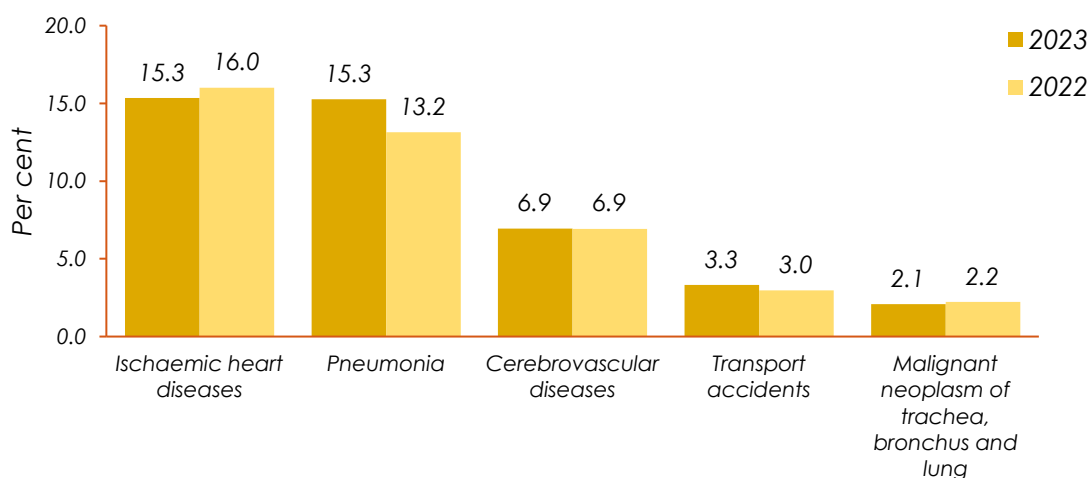
**Chart 8: Five principal causes of death for females, Malaysia, 2022 and 2023**



**6. PRINCIPAL CAUSES OF DEATH BY STRATUM**

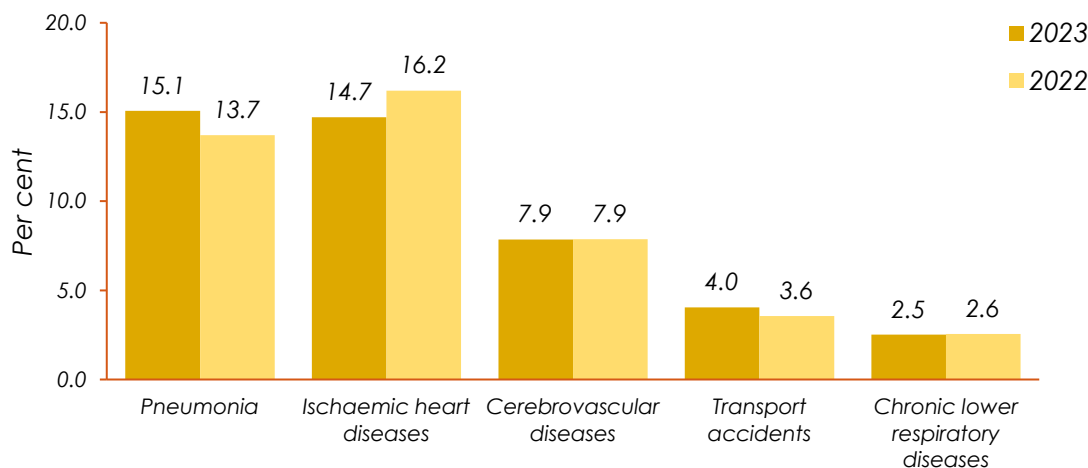
Ischaemic heart diseases was the principal causes of death for urban in 2023 which recorded 15.3 per cent of the 81,389 medically certified deaths. This was followed by Pneumonia (15.3%), Cerebrovascular diseases (6.9%), Transport accidents (3.3%) and Malignant neoplasm of trachea, bronchus and lung (2.1%).

**Chart 9: Five principal causes of deaths by stratum (urban), Malaysia, 2022 and 2023**



For rural area, Pneumonia recorded as the principal causes of death in 2023 at 15.1 per cent of the 38,263 medically certified deaths. This was followed by Ischaemic heart diseases (14.7%), Cerebrovascular diseases (7.9%), Transport accidents (4.0%) and Chronic lower respiratory diseases (2.5%).

**Chart 10: Five principal causes of deaths by stratum (rural), Malaysia, 2022 and 2023**

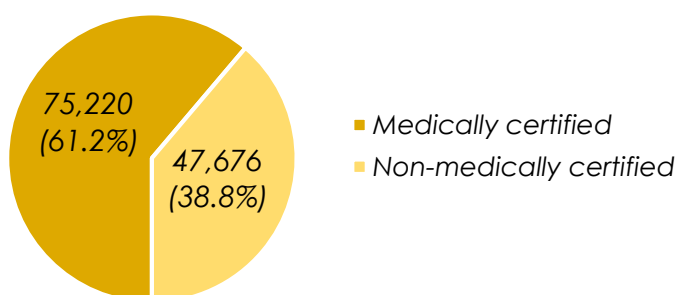


**7. PRINCIPAL CAUSES OF DEATH BY MAJOR ETHNIC GROUP**

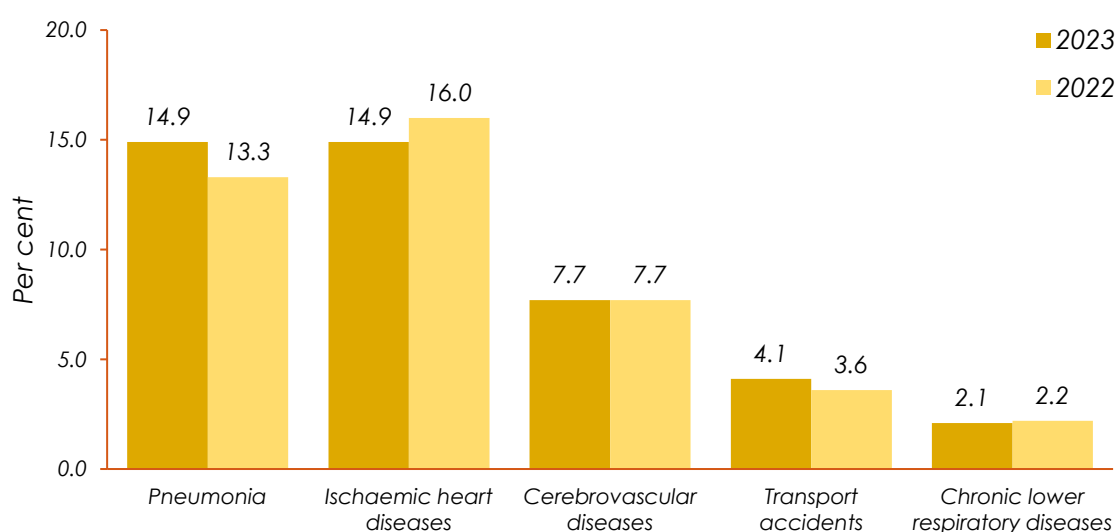
**a. Pneumonia was the principal causes of death for Bumiputera**

Bumiputera comprises Malay and Other Bumiputera. Bumiputera recorded 122,896 deaths of which 61.2 per cent (75,220) were medically certified deaths while 38.8 per cent (47,676) were non-medically certified deaths in 2023. Pneumonia was the principal causes of death for Bumiputera at 14.9 per cent of the 75,220 medically certified deaths. This was followed by Ischaemic heart diseases (14.9%), Cerebrovascular diseases (7.7%), Transport accidents (4.1%) and Chronic lower respiratory diseases (2.1%).

**Chart 11: Classification of causes of death for Bumiputera, Malaysia, 2023**



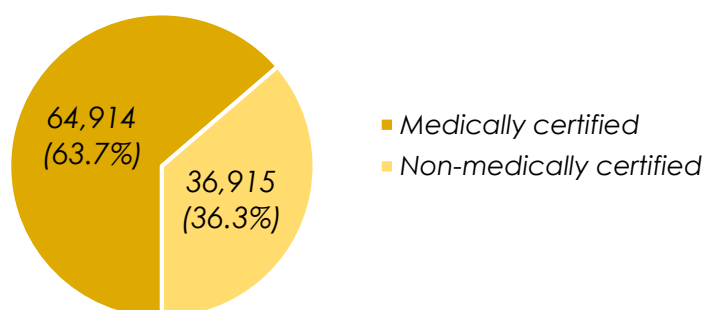
**Chart 12: Five principal causes of death for Bumiputera, Malaysia, 2022 and 2023**



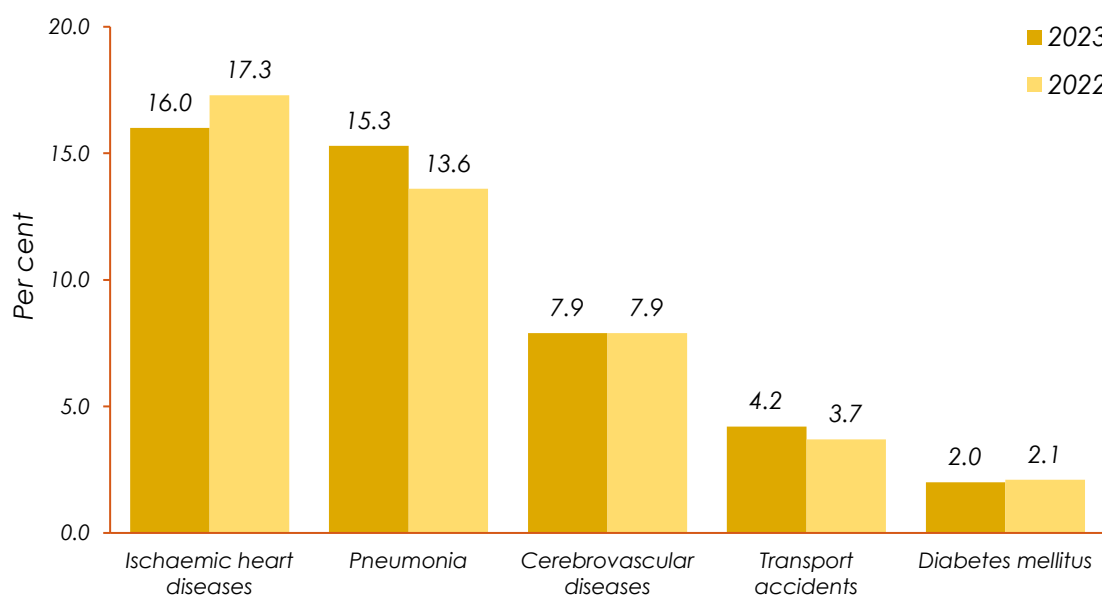
**b. Ischaemic heart diseases was the principal causes of death for Malay**

Malay recorded 101,829 deaths of which 63.7 per cent (64,914) were medically certified deaths while 36.3 per cent (36,915) were non-medically certified deaths in 2023. Ischaemic heart diseases was the principal causes of death for Malay at 16.0 per cent of the 64,914 medically certified deaths. This was followed by Pneumonia (15.3%), Cerebrovascular diseases (7.9%), Transport accidents (4.2%) and Diabetes mellitus (2.0%).

**Chart 13: Classification of causes of death for Malay, Malaysia, 2023**



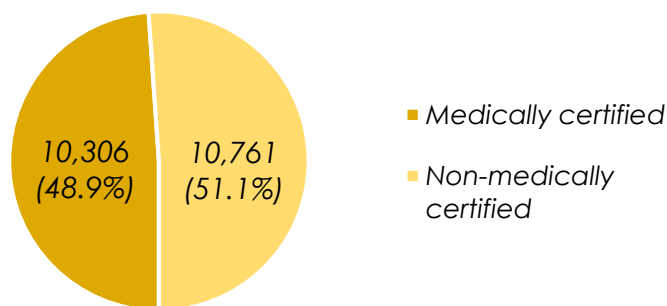
**Chart 14: Five principal causes of death for Malay, Malaysia, 2022 and 2023**



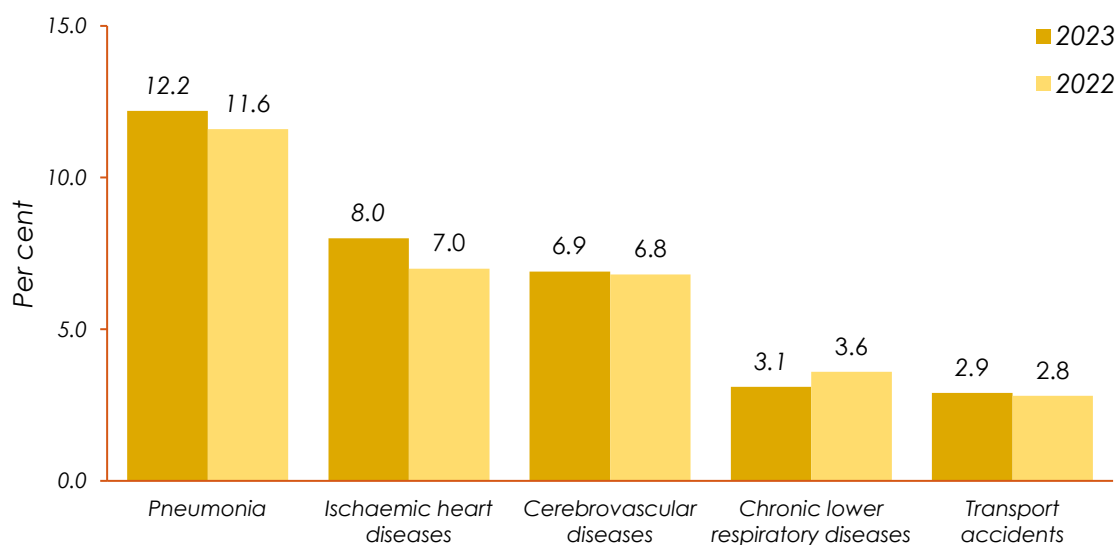
**c. Pneumonia was the principal causes of death for Other Bumiputera**

Other Bumiputera recorded 21,067 deaths of which 48.9 per cent (10,306) were medically certified deaths while 51.1 per cent (10,761) were non-medically certified deaths in 2023. Pneumonia was the principal causes of death for Other Bumiputera at 12.2 per cent of the 10,306 medically certified deaths. This was followed by Ischaemic heart diseases (8.0%), Cerebrovascular diseases (6.9%), Chronic lower respiratory diseases (3.1%) and Transport accidents (2.9%).

**Chart 15: Classification of causes of death for Other Bumiputera, Malaysia, 2023**



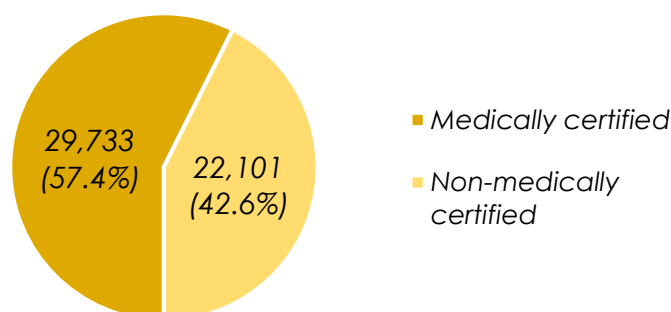
**Chart 16: Five principal causes of death for Other Bumiputera, Malaysia, 2022 and 2023**



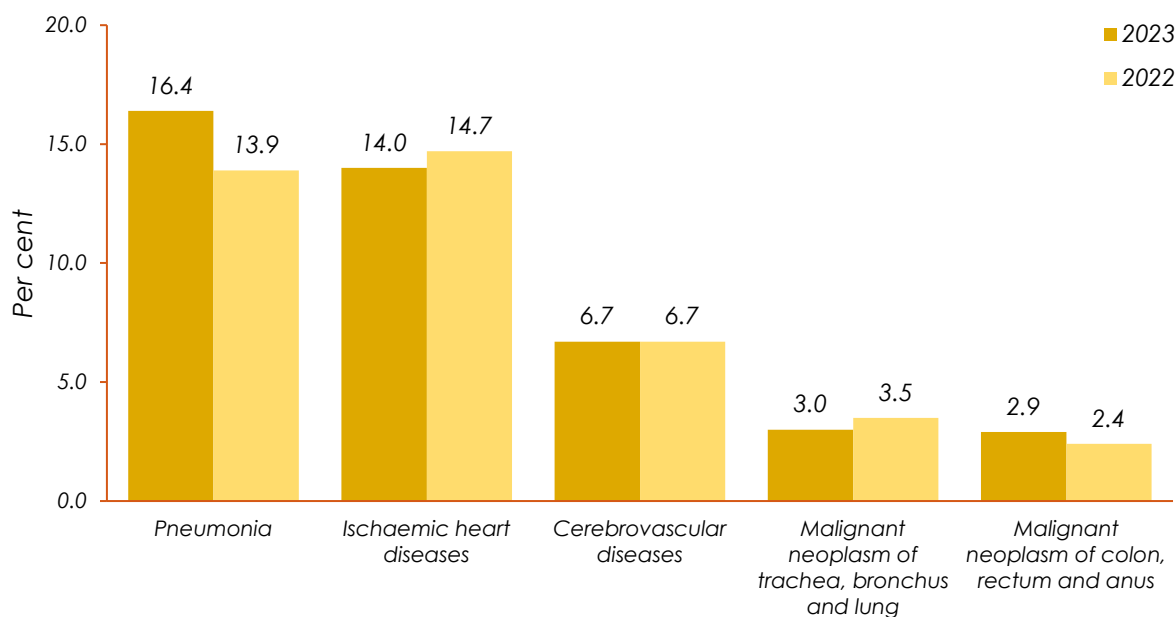
**d. Pneumonia was the principal causes of death for Chinese**

Chinese recorded 51,834 deaths of which 57.4 per cent (29,733) were medically certified deaths while 42.6 per cent (22,101) were non-medically certified deaths in 2023. Pneumonia was the principal causes of death for Chinese at 16.4 per cent of the 29,733 medically certified deaths. This was followed by Ischaemic heart diseases (14.0%), Cerebrovascular diseases (6.7%), Malignant neoplasm of trachea, bronchus and lung (3.0%) and Malignant neoplasm of colon, rectum and anus (2.9%).

**Chart 17: Classification of causes of death for Chinese, Malaysia, 2023**



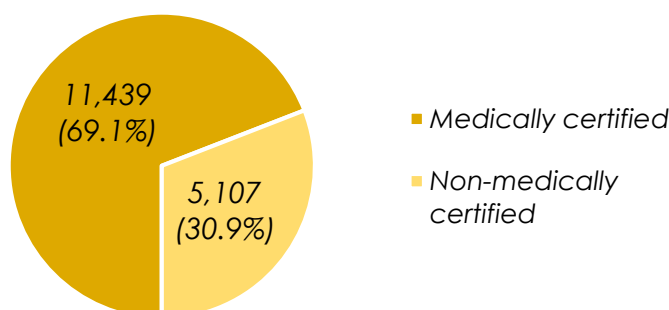
**Chart 18: Five principal causes of death for Chinese, Malaysia, 2022 and 2023**



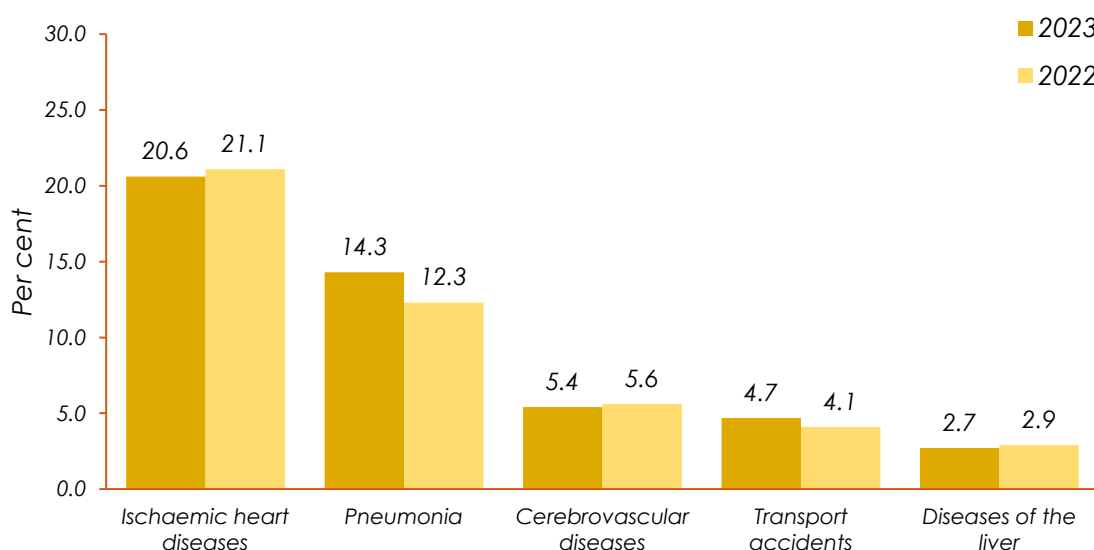
**e. Ischaemic heart diseases was the principal causes of death for Indians**

Indians recorded 16,546 deaths of which 69.1 per cent (11,439) were medically certified deaths while 30.9 per cent (5,107) were non-medically certified deaths in 2023. Ischaemic heart diseases was the principal causes of death for Indians at 20.6 per cent of the 11,439 medically certified deaths. This was followed by Pneumonia (14.3%), Cerebrovascular diseases (5.4%), Transport accidents (4.7%) and Diseases of the liver (2.7%).

**Chart 19: Classification of causes of death for Indians, Malaysia, 2023**



**Chart 20: Five principal causes of death for Indians, Malaysia, 2022 and 2023**

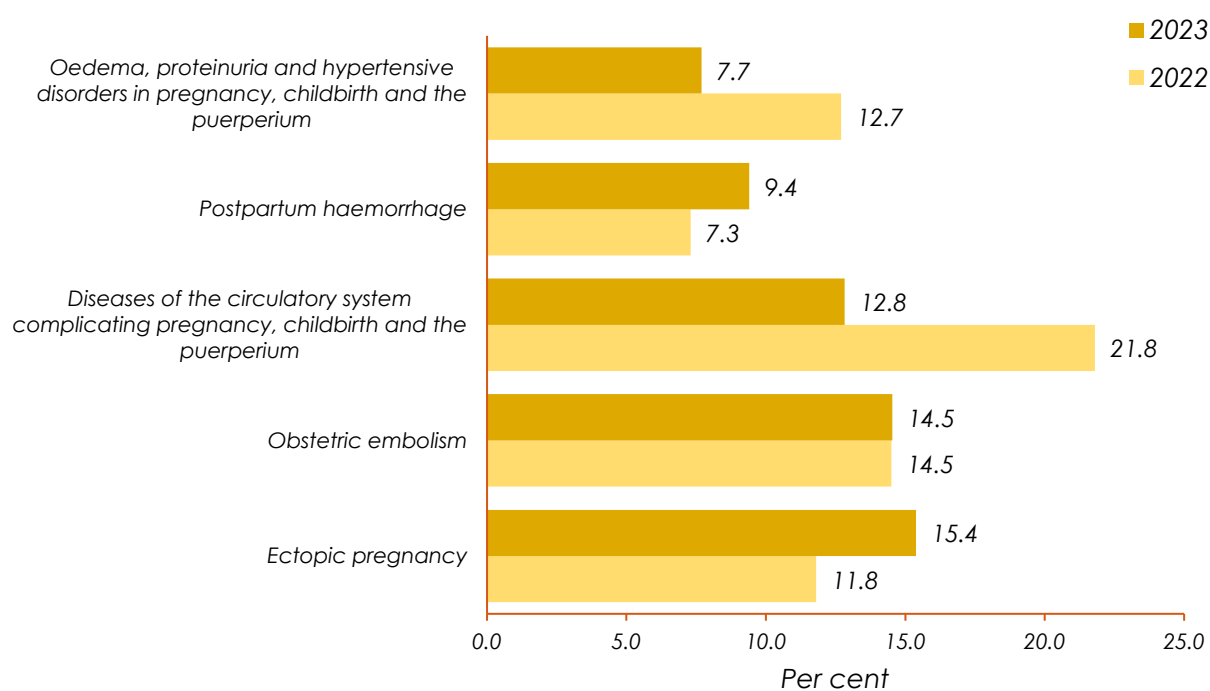


## 8. PRINCIPAL CAUSES OF DEATH FOR MATERNAL

### ***Ectopic pregnancy recorded as the principal causes of death for maternal***

Maternal death increased from 110 deaths in 2022 to 117 deaths in 2023. Maternal mortality ratio showed a decrease from 26.0 (2022) to 25.7 per 100,000 live births. Ectopic pregnancy recorded as the principal causes of death for maternal in 2023 at 15.4 per cent followed by Obstetric embolism (14.5%), Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium (12.8%), Postpartum haemorrhage (9.4%) and Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium (7.7%).

**Chart 21: Five principal causes of death for maternal, Malaysia, 2022 and 2023**



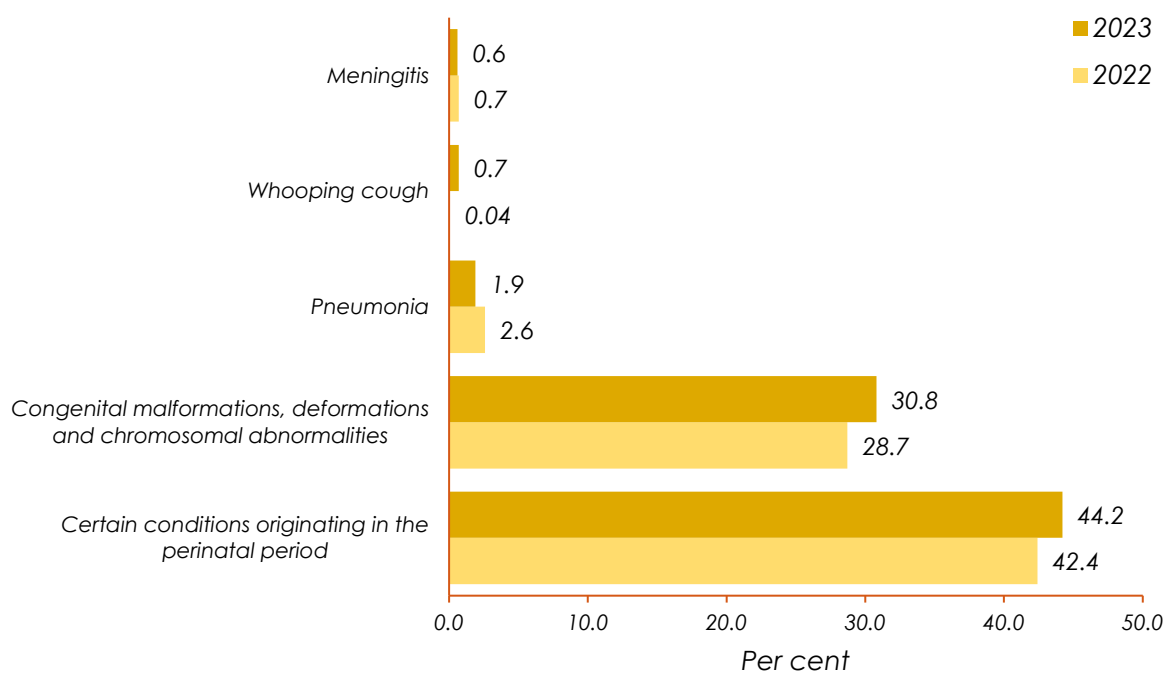


## 9. PRINCIPAL CAUSES OF DEATH FOR INFANT

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

The number of deaths for infant increased to 3,054 deaths in 2023 as compared to 2,871 deaths in 2022. Certain conditions originating in the perinatal period remained as the principal causes of death for infant in 2023 at 44.2 per cent followed by Congenital malformations, deformations and chromosomal abnormalities (30.8%), Pneumonia (1.9%), Whooping cough (0.7%) and Meningitis (0.6%).

**Chart 22: Five principal causes of death for infant, Malaysia, 2022 and 2023**

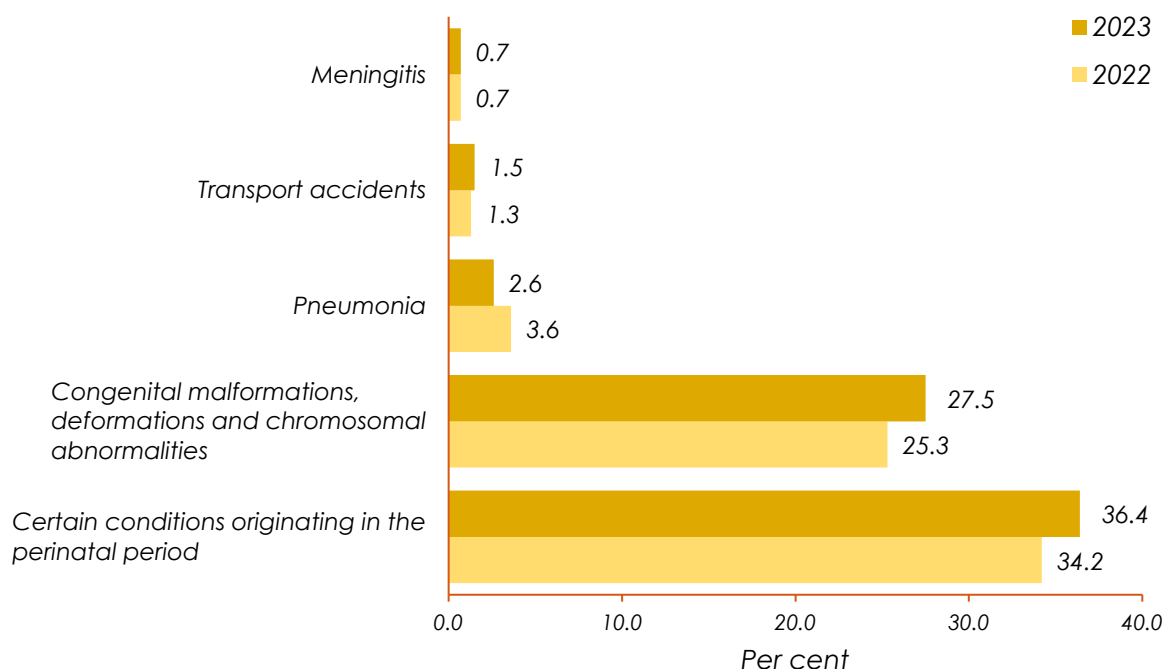


10. PRINCIPAL CAUSES OF DEATH FOR CHILDREN UNDER-5 DEATH

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

Children under-5 death increased from 3,655 deaths in 2022 to 3,763 deaths in 2023. Certain conditions originating in the perinatal period remained as the principal causes of death for children under-5 death in 2023 at 36.4 per cent followed by Congenital malformations, deformations and chromosomal abnormalities (27.5%), Pneumonia (2.6%), Transport accidents (1.5%) and Meningitis (0.7%).

**Chart 23: Five principal causes of children under-5 death, Malaysia, 2022 and 2023**



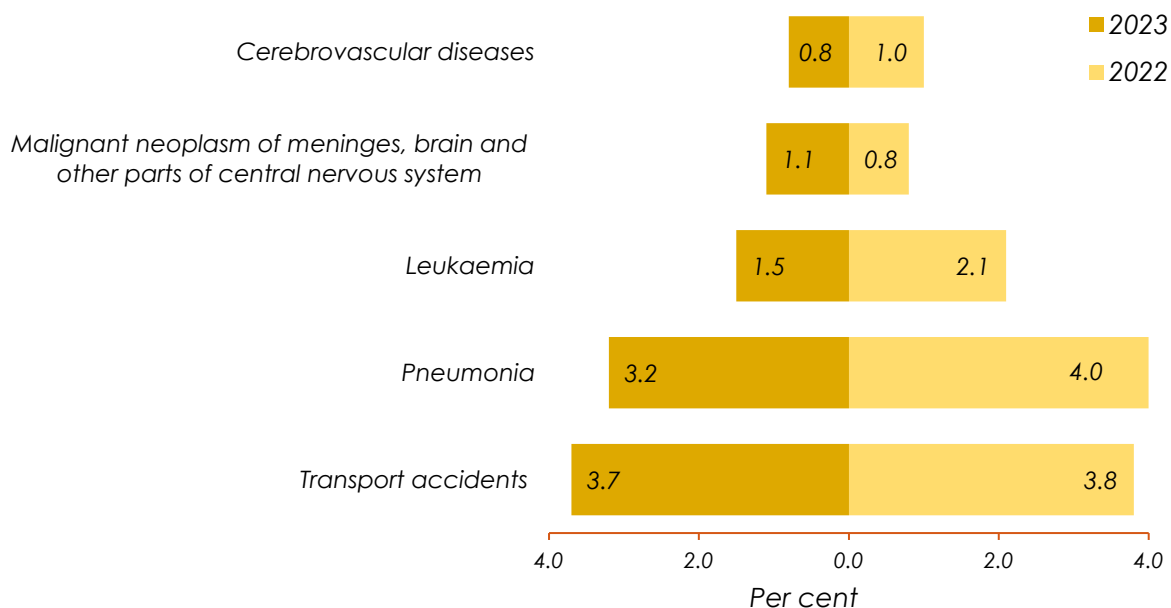
11. PRINCIPAL CAUSES OF DEATH BY SELECTED AGE GROUP

a. Population aged 0 to 14 years

**Transport accidents was the principal causes of death for population aged 0 to 14 years**

Deaths for the population aged 0 to 14 years increased from 4,755 deaths to 4,933 deaths in 2023. Transport accidents was the principal causes of death for the population aged 0 to 14 years in 2023 at 3.7 per cent of the 4,356 medically certified deaths. This was followed by Pneumonia (3.2%), Leukaemia (1.5%), Malignant neoplasm of meninges, brain and other parts of central nervous system (1.1%) and Cerebrovascular diseases (0.8%).

**Chart 24: Five principal causes of death for population aged 0 to 14 years, Malaysia, 2022 and 2023**

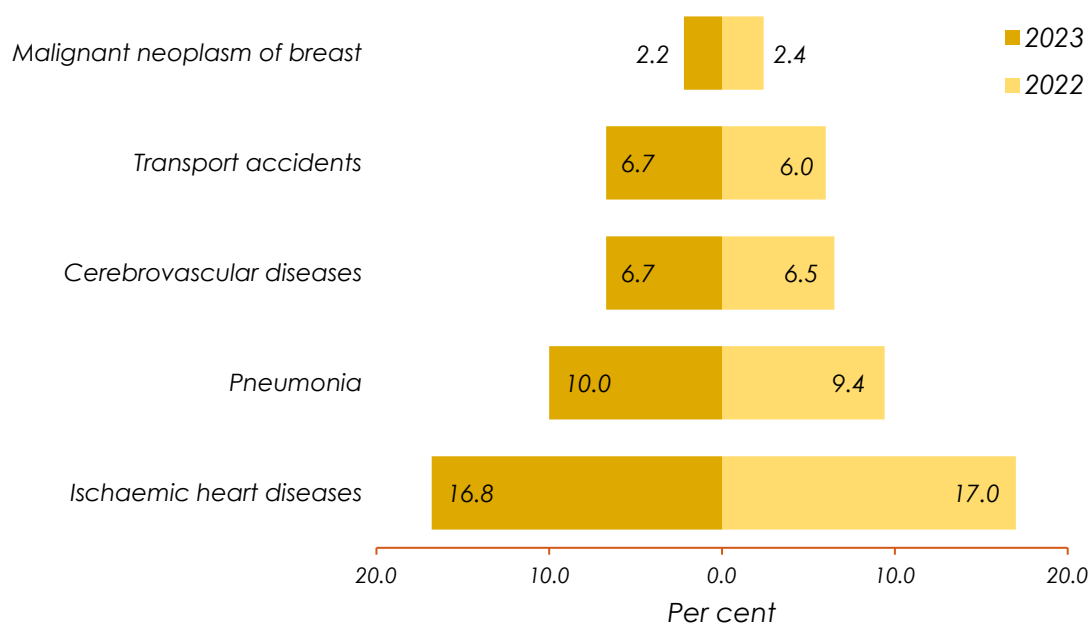


**b. Population aged 15 to 64 years**

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

Deaths for population aged 15 to 64 years decreased from 77,748 (2022) to 73,820 in 2023. Ischaemic heart diseases was the principal causes of death for population aged 15 to 64 years in 2023 at 16.8 per cent of the 53,265 medically certified deaths. This was followed by Pneumonia (10.0%), Cerebrovascular diseases (6.7%), Transport accidents (6.7%) and Malignant neoplasm of breast (2.2%).

**Chart 25: Five principal causes of death for population aged 15 to 64 years, Malaysia, 2022 and 2023**

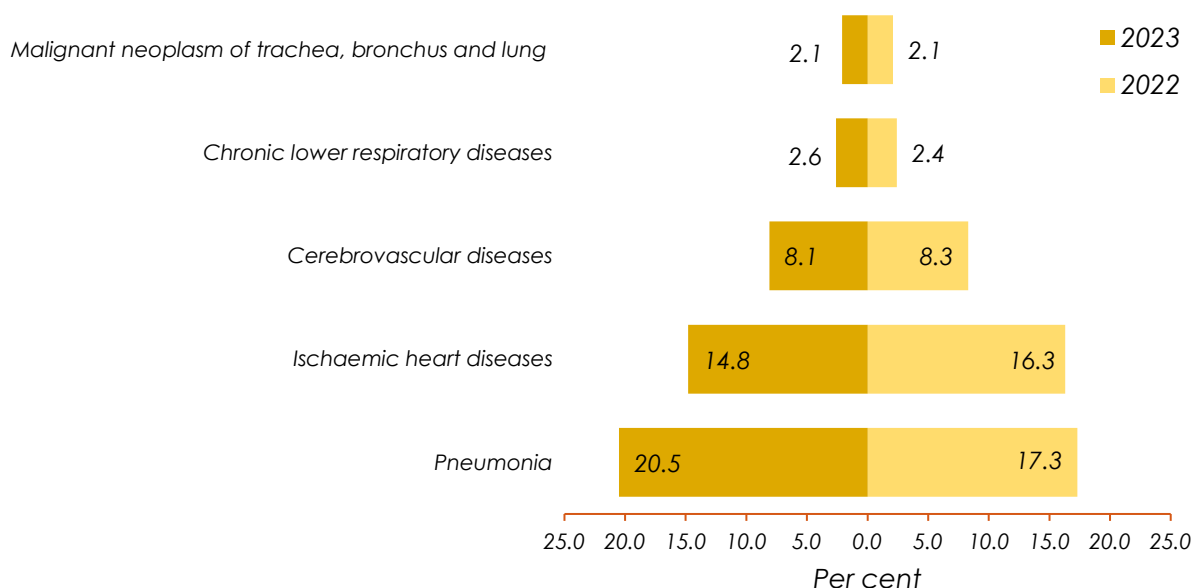


**c. Population aged 65 years and over**

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

Deaths for population aged 65 years and over decreased to 118,212 deaths in 2023 as compared to 124,277 deaths (2022). Pneumonia remained as the principal causes of death for population aged 65 years and over in 2023 at 20.5 per cent of the 62,031 medically certified deaths. This was followed by Ischaemic heart diseases (14.8%), Cerebrovascular diseases (8.1%), Chronic lower respiratory diseases (2.6%) and Malignant neoplasm of trachea, bronchus and lung (2.1%).

**Chart 26: Five principal causes of death for population aged 65 years and over, Malaysia, 2022 and 2023**

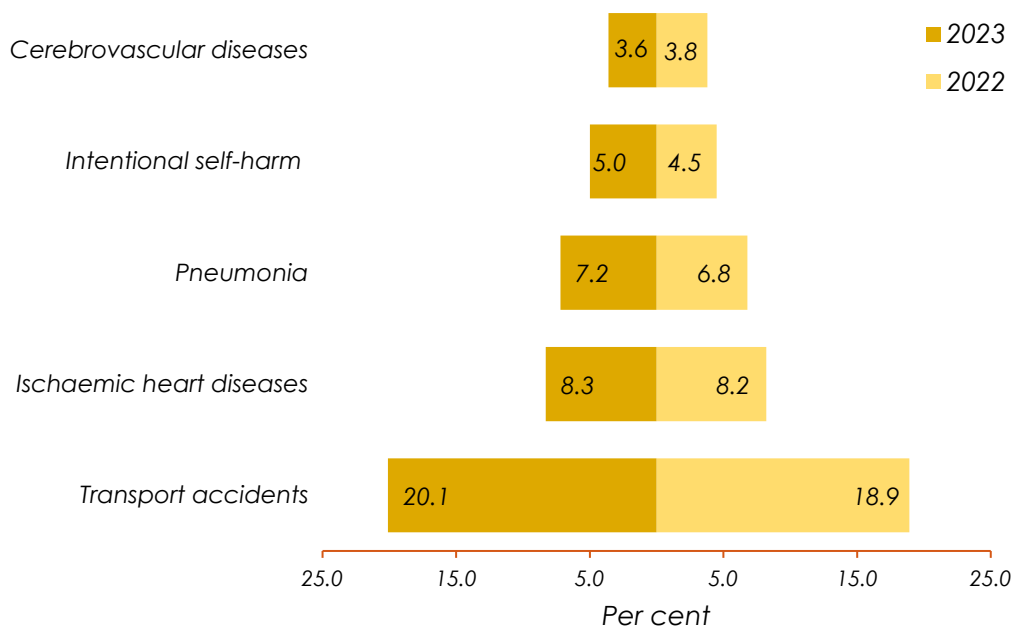


**d. Population aged 15 to 40 years**

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

Deaths for the population aged 15 to 40 years decreased from 15,033 deaths (2022) to 14,600 deaths in 2023. Transport accidents was the principal causes of death for population aged 15 to 40 years in 2023 at 20.1 per cent of the 12,099 medically certified deaths. This was followed by Ischaemic heart diseases (8.3%), Pneumonia (7.2%), Intentional self-harm (5.0%) and Cerebrovascular diseases (3.6%).

**Chart 27: Five principal causes of death for population aged 15 to 40 years, Malaysia, 2022 and 2023**



Note:

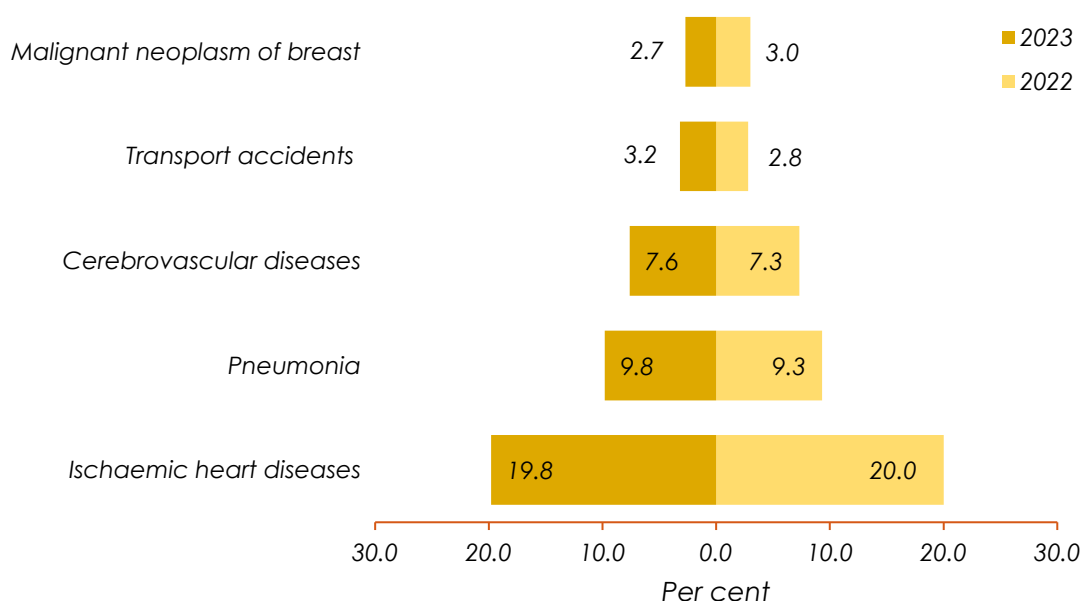
1. Intentional self-harm refers to suicide
2. Population aged 15 to 40 years: The National Youth Development Policy of Malaysia defined youth as young people between the age range of 15 to 40 years.

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

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

Deaths for population aged 41 to 59 years decreased from 41,680 deaths (2022) to 39,767 deaths in 2023. Ischaemic heart diseases remained as the principal causes of death for population aged 41 to 59 years in 2023 at 19.8 per cent of medically certified deaths (28,601). This was followed by Pneumonia (9.8%), Cerebrovascular diseases (7.6%), Transport accidents (3.2%) and Malignant neoplasm of breast (2.7%).

**Chart 28: Five principal causes of death for population aged 41 to 59 years, Malaysia, 2022 and 2023**



**Note:**

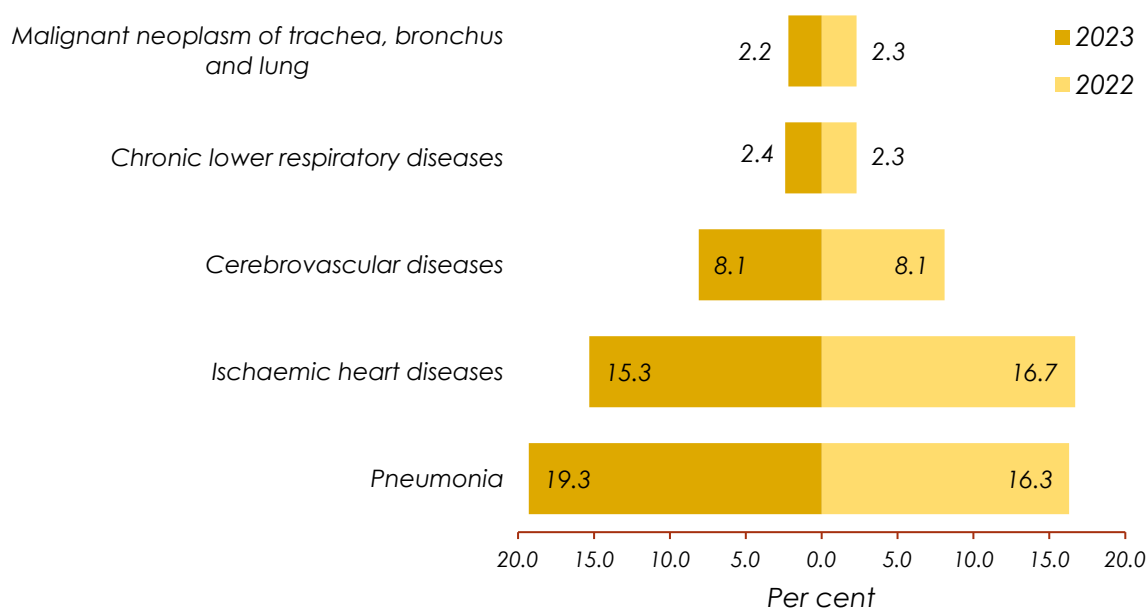
Previously, a higher number of deaths was recorded by aged 60 years and over. Of late, the number of deaths by age has transitioned from aged 60 years and over to aged 41 to 59 years.

**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 a decrease from 145,312 deaths (2022) to 137,665 deaths in 2023. Pneumonia was the principal causes of death for population aged 60 years and over in 2023 at 19.3 per cent of the 74,596 medically certified deaths. This was followed by Ischaemic heart diseases (15.3%), Cerebrovascular diseases (8.1%), Chronic lower respiratory diseases (2.4%) and Malignant neoplasm of trachea, bronchus and lung (2.2%).

**Chart 29: Five principal causes of death for population aged 60 years and over, Malaysia, 2022 and 2023**



Note:

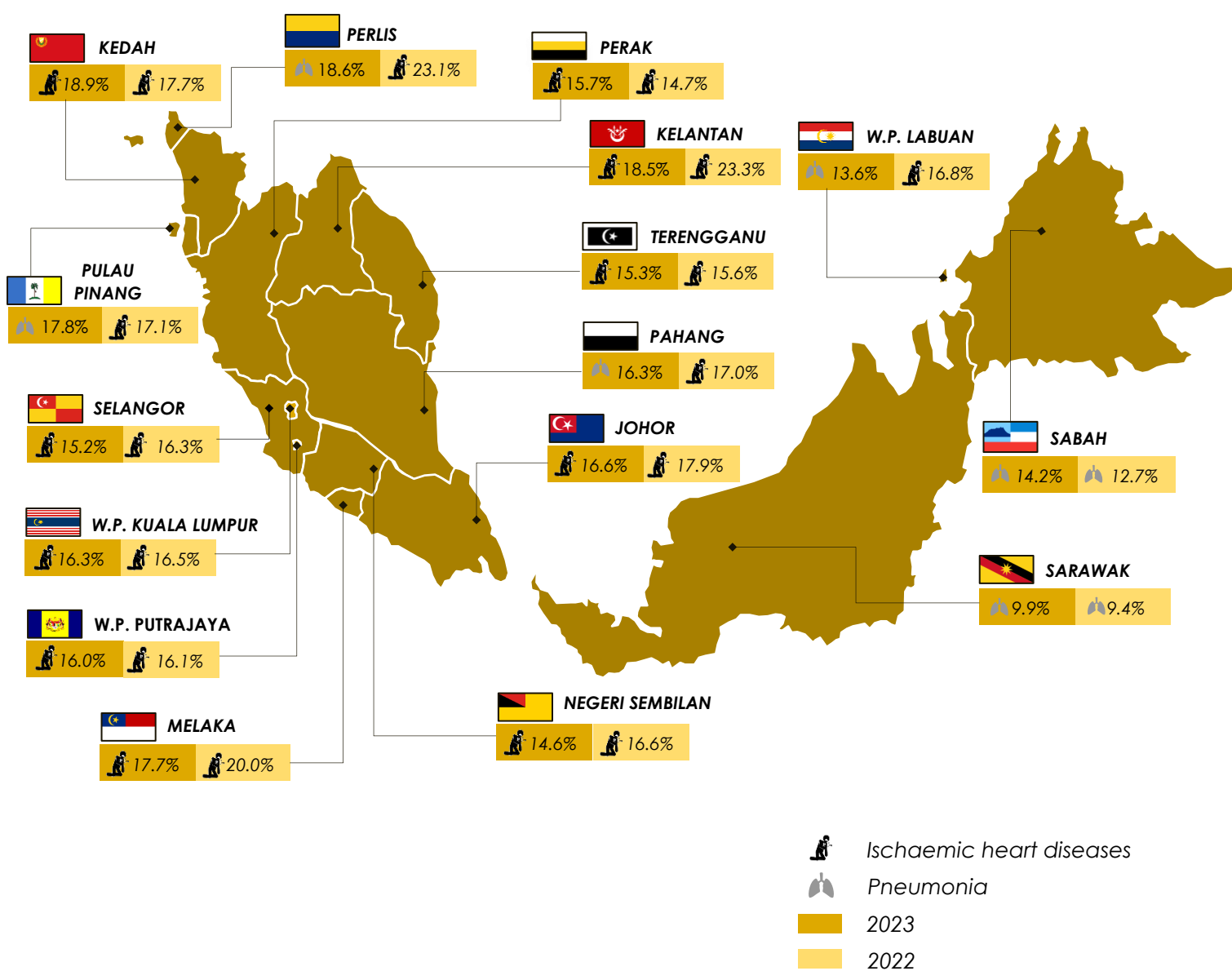
Population aged 60 years and over: The National Policy for Older Persons defined older person as individuals aged 60 years and over as adopted by United Nations World Assembly on Ageing in Vienna (UN, 1982) and among countries ASEAN



### 12. PRINCIPAL CAUSES OF DEATH BY STATE

Six states, namely Pahang, Perlis, Pulau Pinang, Sabah, Sarawak and W.P. Labuan recorded Pneumonia as the principal causes of death, while 10 other states recorded Ischaemic heart diseases as principal causes of death in 2023.

**Exhibit 1: Principal causes of death by state, Malaysia, 2022 and 2023**



### 13. PRINCIPAL CAUSES OF DEATH BY ADMINISTRATIVE DISTRICT

Pneumonia was the principal causes of death in 78 administrative district and the highest percentage was recorded in Kubang Pasu, Kedah with 26.3 per cent. Meanwhile, Ischaemic heart diseases was the principal causes of death in 65 administrative district with the highest percentage recorded in Langkawi, Kedah (31.3%).

On the other hand, 11 districts recorded Cerebrovascular diseases as the principal causes of death, while Malignant neoplasm of breast in one district (Kalabakan, Sabah) and Hypertensive diseases in one district (Dalat, Sarawak).

**Table 2: Principal causes of death by administrative district, 2023**

<b>Principal causes of death</b>	<b>Number of administrative districts</b>	<b>Highest percentage administrative district</b>
<i>Pneumonia</i>	78	Kubang Pasu, Kedah (26.3%)
<i>Ischaemic heart diseases</i>	65	Langkawi, Kedah (31.3%)
<i>Cerebrovascular diseases</i>	11	Belaga, Sarawak (13.8%)
<i>Malignant neoplasm of breast</i>	1	Kalabakan, Sabah (8.1%)
<i>Hypertensive diseases</i>	1	Dalat, Sarawak (7.3%)

## 14. PRINCIPAL CAUSES OF DEATH BY SELECTED COUNTRIES

### a. Principal causes of death by ASEAN country

Stroke, Cancer and Ischaemic heart diseases were the principal causes of death for ASEAN countries in 2021.

#### Exhibit 2: Population, Crude deaths rate and the Principal causes of death by ASEAN country, 2021



<b>Population (million)</b>	0.4	16.8	275.7	7.4	<b>33.4</b>
<b>CDR (per 1,000 population)</b>	5.2	6.0	6.6	6.3	<b>5.9</b>
<b>Principal causes of death</b>	Cancer	Stroke	COVID-19	Ischaemic heart diseases	<b>Pneumonia</b>



<b>Population (million)</b>	53.4	113.1	5.9	71.7	98.9
<b>CDR (per 1,000 population)</b>	8.3	6.1	6.2	9.0	6.1
<b>Principal causes of death</b>	Stroke	Ischaemic heart diseases	Cancer	Stroke	Stroke

Note:




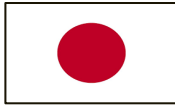


The latest data for Malaysia, Singapore, Philippines was 2023, while Brunei was 2022 and data for other countries were for 2021

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 Alzheimer disease and Ischaemic heart diseases were the principal causes of death for selected countries in 2022.*

**Exhibit 3: Population, Crude Deaths Rate and the Principal causes of death by selected countries, 2022**

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

<b>Population (million)</b>	26.2	67.6	334.9	124.9	39.5	51.6
<b>CDR (per 1,000 population)</b>	7.3	9.6	8.0	12.9	8.6	7.3
<b>Principal causes of death</b>	Ischaemic heart diseases	Dementia and Alzheimer disease	Ischaemic heart diseases	Cancer	Cancer	Cancer

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

## 15. SDG INDICATORS RELATED TO THE STATISTICS ON CAUSES OF DEATH

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

The SDG contains 17 Goals, 169 Targets and 248 Indicators. The statistics on causes of death are part of the indicators listed in Goal 3: Ensure healthy lives and promote well-being for all at all ages. The indicator is 3.4.1 and 3.4.2.

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

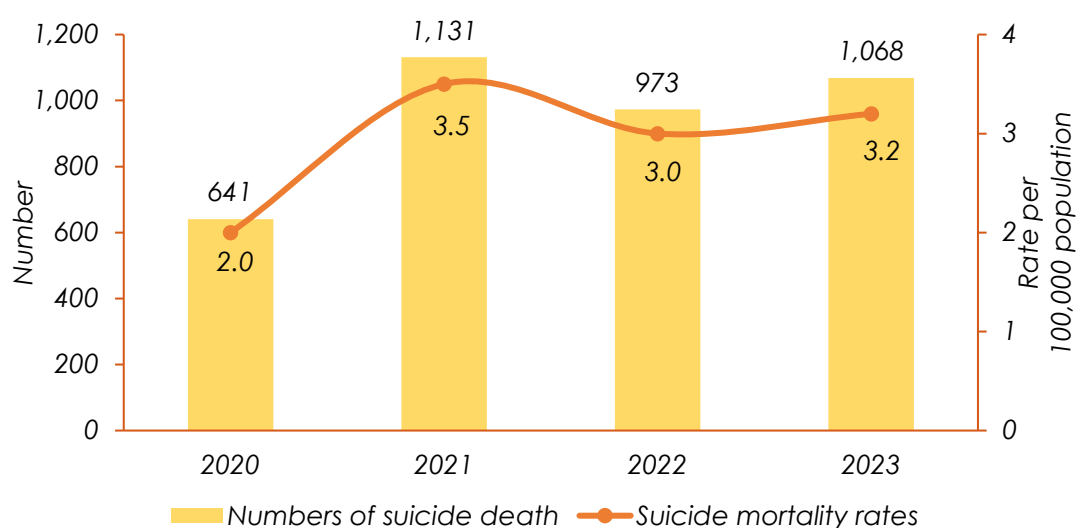
Premature deaths refer to deaths that occur between aged 30 to 69 years. Mortality rates for the diseases in 2023 decreased as compared to 2022 except Cancer, which increased from 64.6 deaths to 66.0 deaths per 100,000 population aged 30-69 years. Among the four diseases, Cardiovascular diseases recorded the highest mortality rate.

**Table 3: Premature mortality rate attributed Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases, Malaysia, 2022 and 2023**

Year	Rate (per 100,000 population aged 30 to 69 years)			
	Cardiovascular diseases	Cancer	Diabetes	Chronic respiratory diseases
2023	130.5	66.0	6.3	15.8
2022	142.1	64.6	7.5	16.7

**Indicator 3.4.2: Suicide mortality rate**

The number of suicide deaths in Malaysia increased from 641 deaths in 2020 to 1,068 deaths in 2023. Meanwhile, the suicide rate increased from 2.0 deaths in 2020 to 3.2 deaths per 100,000 population in 2023.

**Chart 30: Numbers and rates of suicides death, Malaysia, 2020 to 2023****Table 4: Number of suicide deaths by state of occurrence, Malaysia, 2020 to 2023**

State	2020	2021	2022	2023
<b>Malaysia</b>	<b>641</b>	<b>1,131</b>	<b>973</b>	<b>1,068</b>
Johor	104	162	138	123
Kedah	17	64	48	44
Kelantan	30	14	11	21
Melaka	20	27	16	23
Negeri Sembilan	44	52	39	57
Pahang	38	47	42	40
Perak	55	115	110	98
Perlis	1	5	4	6
Pulau Pinang	66	113	84	123
Sabah	50	51	55	33
Sarawak	40	59	41	45
Selangor	91	277	268	305
Terengganu	15	14	8	13
W.P. Kuala Lumpur	65	124	107	135
W.P. Labuan	-	4	2	2
W.P. Putrajaya	5	3	-	-

**ARTIKEL**



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



## LANSKAP KEMATIAN DI MALAYSIA: TREND UMUR DAN NEGERI

(Nur Azmina Ahmad Zuhkhori, Mohamad Shukor Mat Lazim, Nur Shamim Izzati Zakaria)

### PENGENALAN

Statistik kematian adalah salah satu aspek penting dalam kajian kesihatan awam yang dapat memberikan gambaran mengenai status kesihatan dan kesejahteraan penduduk sesebuah negara. Menurut Naghavi et al. (2020) statistik kematian yang tepat adalah penting untuk memaklumkan dasar kesihatan dan memantau kemajuan ke arah matlamat kesihatan, kerana ia mencerminkan corak kematian sebenar dan isu kesihatan asas dalam penduduk. Pemahaman mengenai trend kematian mengikut kumpulan umur dan jantina serta perbandingan di antara negeri membolehkan pihak berkuasa kesihatan merancang dan melaksanakan dasar yang berkesan bagi meningkatkan kualiti hidup dan kesejahteraan rakyat.

Penemuan kajian oleh Lukaszyk et al. (2021) menunjukkan umur sangat mempengaruhi risiko kematian iaitu orang dewasa yang lebih tua menunjukkan kadar kematian yang lebih tinggi dan ianya turut dipengaruhi oleh indikator kesihatan yang lain. Statistik menunjukkan bahawa sebab kematian berubah dengan ketara mengikut peringkat umur, daripada penyakit berjangkit dan kecederaan dalam kalangan kanak-kanak kepada penyakit tidak berjangkit seperti penyakit jantung dan kanser dalam kalangan dewasa. Pemahaman terhadap pola kesihatan ini membolehkan pihak berkuasa kesihatan merangka strategi pencegahan yang lebih bersasar untuk mengurangkan kadar kematian dalam setiap kumpulan umur.

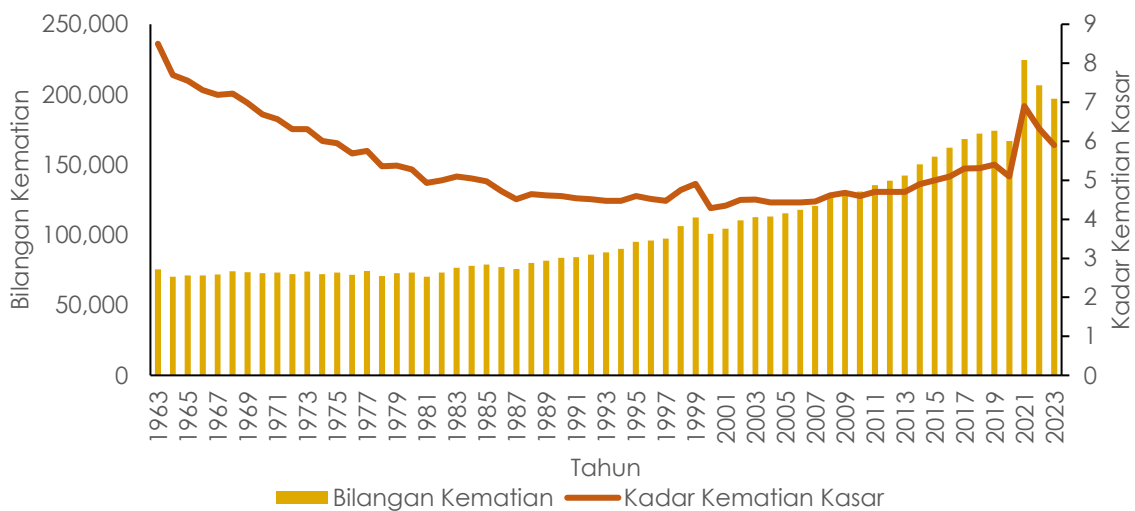
Selain faktor umur, perbezaan geografi juga menyumbang kepada variasi ciri-ciri kadar dan punca kematian di Malaysia. Setiap negeri mempunyai demografi, tahap sosioekonomi dan infrastruktur kesihatan yang berbeza. Menurut Francis (2024), jurang kesihatan adalah berbeza-beza di seluruh negara. Khususnya, individu yang tinggal di negeri di Amerika Syarikat Selatan sering mengalami kadar kematian di umur muda yang lebih tinggi berbanding kawasan lain. Ini boleh disebabkan oleh pelbagai faktor, termasuk akses terhadap penjagaan kesihatan berkualiti, kadar kemiskinan yang lebih tinggi dan sumber kesihatan yang lebih sedikit. Artikel ini disediakan untuk membincangkan trend kematian di Malaysia berdasarkan umur dan perbandingan di antara negeri.

## KEMATIAN DI MALAYSIA

Bilangan kematian pada 2023 menurun 4.7 peratus daripada 206,780 kematian (2022) kepada 196,965 kematian. Kadar kematian kasar (CDR) menurun daripada 6.3 (2022) kepada 5.9 kematian bagi setiap seribu penduduk pada 2023. Secara purata, kematian di Malaysia meningkat setiap tahun kecuali pada tahun 2000, 2010, 2020 dan tahun sebelum 1990. Jumlah kematian pada tahun 2020 menurun berikutan pengurangan yang ketara dalam jumlah kematian akibat kemalangan jalan raya yang menurun daripada 4,201 kematian pada 2019 kepada 3,169 kematian pada 2020. Pelaksanaan Perintah Kawalan Pergerakan (PKP) mendorong penduduk untuk tinggal di rumah dan menyebabkan 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 (Berita 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.

**Carta 1: Bilangan kematian di Malaysia, 1963-2023**



Sumber: Jabatan Perangkaan Malaysia

## Kematian Mengikut Kumpulan Umur

Umur memainkan peranan penting dalam mempengaruhi risiko kematian seseorang, di mana semakin tua seseorang, semakin tinggi kemungkinan terdedah kepada pelbagai masalah kesihatan. Kematian pada usia muda sering disebabkan oleh faktor luaran seperti kemalangan, jangkitan atau kekurangan zat makanan manakala pada usia pertengahan hingga lanjut, penyakit tidak berjangkit seperti penyakit kardiovaskular, kanser dan penyakit kronik lain menjadi penyebab utama. Faktor penuaan menyebabkan penurunan daya tahan tubuh dan keupayaan badan untuk pulih daripada penyakit atau kecederaan menjadikan individu lebih terdedah kepada komplikasi kesihatan. Apabila seseorang meningkat usia, mereka mengalami lebih banyak masalah kesihatan dan proses biologi yang mempengaruhi umur panjang juga menyumbang kepada penyakit berkaitan usia (Niccoli & Partridge, 2012).

**Jadual 1: Bilangan kematian mengikut kumpulan umur, 2011-2023**

Kumpulan Umur	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% Perubahan (2023/2022)
<b>Jumlah</b>	<b>135,463</b>	<b>138,692</b>	<b>142,202</b>	<b>150,318</b>	<b>155,786</b>	<b>162,201</b>	<b>168,168</b>	<b>172,031</b>	<b>174,254</b>	<b>167,181</b>	<b>224,931</b>	<b>206,780</b>	<b>196,965</b>	-4.7
0	3,330	3,277	3,199	3,543	3,582	3,390	3,496	3,622	3,220	2,801	2,704	2,871	3,054	6.4
1-4	762	732	783	841	786	743	799	805	758	641	541	784	709	-9.6
5-9	616	590	554	594	604	578	618	627	547	337	370	481	474	-1.5
10-14	764	784	750	787	798	733	774	691	657	509	501	619	696	12.4
15-19	1,942	2,043	1,958	1,953	1,909	2,032	1,860	1,759	1,596	1,213	1,256	1,467	1,605	9.4
20-24	2,243	2,235	2,313	2,294	2,317	2,466	2,318	2,307	2,147	1,813	2,107	2,118	1,975	-6.8
25-29	2,367	2,283	2,377	2,390	2,464	2,340	2,465	2,414	2,426	2,216	3,033	2,388	2,340	-2.0
30-34	2,711	2,769	2,816	3,009	3,175	3,242	3,156	3,120	3,029	2,923	4,164	3,228	3,070	-4.9
35-39	3,371	3,451	3,495	3,693	3,864	3,974	3,855	4,113	4,155	4,083	6,146	4,678	4,495	-3.9
40-44	4,411	4,545	4,726	4,909	5,108	5,228	5,250	5,323	5,604	5,540	8,392	6,449	6,282	-2.6
45-49	6,255	6,452	6,563	6,995	7,130	7,133	7,427	7,382	7,454	7,446	11,304	8,600	8,177	-4.9
50-54	8,728	9,282	9,323	9,837	10,206	10,353	10,579	10,883	10,735	10,432	14,731	11,873	11,092	-6.6
55-59	10,890	11,178	11,711	12,572	13,134	13,630	14,275	14,544	14,614	13,925	19,431	15,912	15,331	-3.7
60-64	12,767	13,148	13,478	14,345	14,906	16,122	16,907	17,480	18,085	17,092	24,029	21,035	19,453	-7.5
65-69	13,429	14,218	14,416	16,002	16,977	17,650	18,532	19,048	19,581	19,090	26,434	23,653	23,024	-2.7
70-74	16,373	16,365	16,277	16,755	16,775	17,758	19,001	19,494	20,386	20,181	26,957	24,990	24,516	-1.9
75-79	15,938	16,695	17,991	19,096	19,339	19,405	20,151	20,010	19,700	18,630	24,157	24,465	23,450	-4.1
80-84	13,934	13,979	14,127	14,401	15,323	16,944	18,106	19,183	19,509	18,699	22,993	23,434	21,211	-9.5
85-89	8,791	8,895	9,054	9,511	10,413	11,249	11,479	11,612	11,847	11,747	15,519	16,865	16,179	-4.1
90-94	4,237	4,252	4,576	4,894	5,030	5,201	5,100	5,440	5,674	5,626	7,417	7,900	7,150	-9.5
95 dan lebih	1,604	1,519	1,715	1,897	1,946	2,030	2,020	2,174	2,530	2,237	2,745	2,970	2,682	-9.7

Sumber: Jabatan Perangkaan Malaysia

Trend kematian menunjukkan peningkatan pada umur tua, khususnya pada kumpulan umur 65 tahun dan lebih di mana bilangan kematian adalah lebih tinggi berbanding kumpulan umur lain. Kumpulan umur 85 tahun dan lebih adalah penyumbang terbesar dalam kematian dengan merekodkan 186 kematian bagi setiap seribu penduduk, diikuti oleh 80-84 tahun (103 kematian) dan 75-79 tahun (56.8 kematian).

Beberapa kumpulan umur muda seperti kumpulan umur 1-4 tahun dan 5-9 tahun menunjukkan penurunan angka kematian. Keadaan ini menunjukkan bahawa faktor umur memainkan peranan signifikan dalam trend kematian di Malaysia, dengan bilangan kematian yang tinggi berlaku pada umur tua. Menurut Shatikah Ibrahim (2020), kadar kematian warga emas Malaysia bagi lelaki dan perempuan meningkat hampir dalam corak linear mengikut umur, dan trend ini konsisten dari tahun 1950 hingga 2015. Selain itu, penduduk warga emas Malaysia semakin tua lebih cepat daripada generasi sebelumnya.

**Jadual 2: Peratus kematian mengikut kumpulan umur, 2011-2023**

Kumpulan Umur	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Jumlah</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>0</b>	2.5	2.4	2.2	2.4	2.3	2.1	2.1	2.1	1.8	1.7	1.2	1.4	1.6
<b>1-4</b>	0.6	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.2	0.4	0.4
<b>5-9</b>	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2
<b>10-14</b>	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.3	0.4
<b>15-19</b>	1.4	1.5	1.4	1.3	1.2	1.3	1.1	1.0	0.9	0.7	0.6	0.7	0.8
<b>20-24</b>	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.3	1.2	1.1	0.9	1.0	1.0
<b>25-29</b>	1.7	1.6	1.7	1.6	1.6	1.4	1.5	1.4	1.4	1.3	1.3	1.2	1.2
<b>30-34</b>	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7	1.7	1.9	1.6	1.6
<b>35-39</b>	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.4	2.4	2.4	2.7	2.3	2.3
<b>40-44</b>	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	3.2	3.3	3.7	3.1	3.2
<b>45-49</b>	4.6	4.7	4.6	4.7	4.6	4.4	4.4	4.3	4.3	4.5	5.0	4.2	4.2
<b>50-54</b>	6.4	6.7	6.6	6.5	6.6	6.4	6.3	6.3	6.2	6.2	6.5	5.7	5.6
<b>55-59</b>	8.0	8.1	8.2	8.4	8.4	8.4	8.5	8.5	8.4	8.3	8.6	7.7	7.8
<b>60-64</b>	9.4	9.5	9.5	9.5	9.6	9.9	10.1	10.2	10.4	10.2	10.7	10.2	9.9
<b>65-69</b>	9.9	10.3	10.1	10.6	10.9	10.9	11.0	11.1	11.2	11.4	11.8	11.4	11.7
<b>70-74</b>	12.1	11.8	11.4	11.1	10.8	10.9	11.3	11.3	11.7	12.1	12.0	12.1	12.4
<b>75-79</b>	11.8	12.0	12.7	12.7	12.4	12.0	12.0	11.6	11.3	11.1	10.7	11.8	11.9
<b>80-84</b>	10.3	10.1	9.9	9.6	9.8	10.4	10.8	11.2	11.2	11.2	10.2	11.3	10.8
<b>85-89</b>	6.5	6.4	6.4	6.3	6.7	6.9	6.8	6.7	6.8	7.0	6.9	8.2	8.2
<b>90-94</b>	3.1	3.1	3.2	3.3	3.2	3.2	3.0	3.2	3.3	3.4	3.3	3.8	3.6
<b>95 dan lebih</b>	1.2	1.1	1.2	1.3	1.2	1.3	1.2	1.3	1.5	1.3	1.2	1.4	1.4

Sumber: Jabatan Perangkaan Malaysia

Penduduk berumur 70-74 tahun mencatatkan peratusan kematian tertinggi pada 2023, iaitu 12.4 peratus daripada jumlah kematian Malaysia, diikuti kumpulan umur 75-79 tahun, iaitu 11.9 peratus.

## Kematian Mengikut Negeri

Negeri Johor, Kedah, Kelantan dan Selangor menunjukkan peningkatan konsisten dalam jumlah kematian sepanjang tempoh 2000 hingga 2023. Selangor mencatatkan jumlah kematian tertinggi pada 2021 iaitu 42,165 kematian sebelum menurun kepada 32,646 pada 2023. Negeri-negeri lain seperti W.P. Kuala Lumpur dan Sarawak juga menunjukkan trend yang sama, dengan peningkatan ketara pada 2021 sebelum mencatatkan penurunan selepas tahun tersebut.

Pada masa yang sama, negeri yang mempunyai bilangan penduduk yang rendah seperti Perlis dan W.P. Labuan menunjukkan perubahan yang lebih perlahan dan stabil dalam bilangan kematian sepanjang dekad ini. Sebagai contoh, jumlah kematian di Perlis dan W.P. Labuan kekal di bawah 3,000 kematian sepanjang tempoh tersebut. Data ini mencerminkan beberapa faktor seperti perubahan dalam demografi termasuk penduduk warga emas yang semakin meningkat dan akses kepada penjagaan kesihatan serta impak pandemik COVID-19 yang mempengaruhi pola kematian dalam beberapa tahun terakhir terutamanya pada 2021 di mana kematian meningkat secara signifikan di seluruh negara.

**Jadual 3: Bilangan kematian mengikut negeri, 2014-2023**

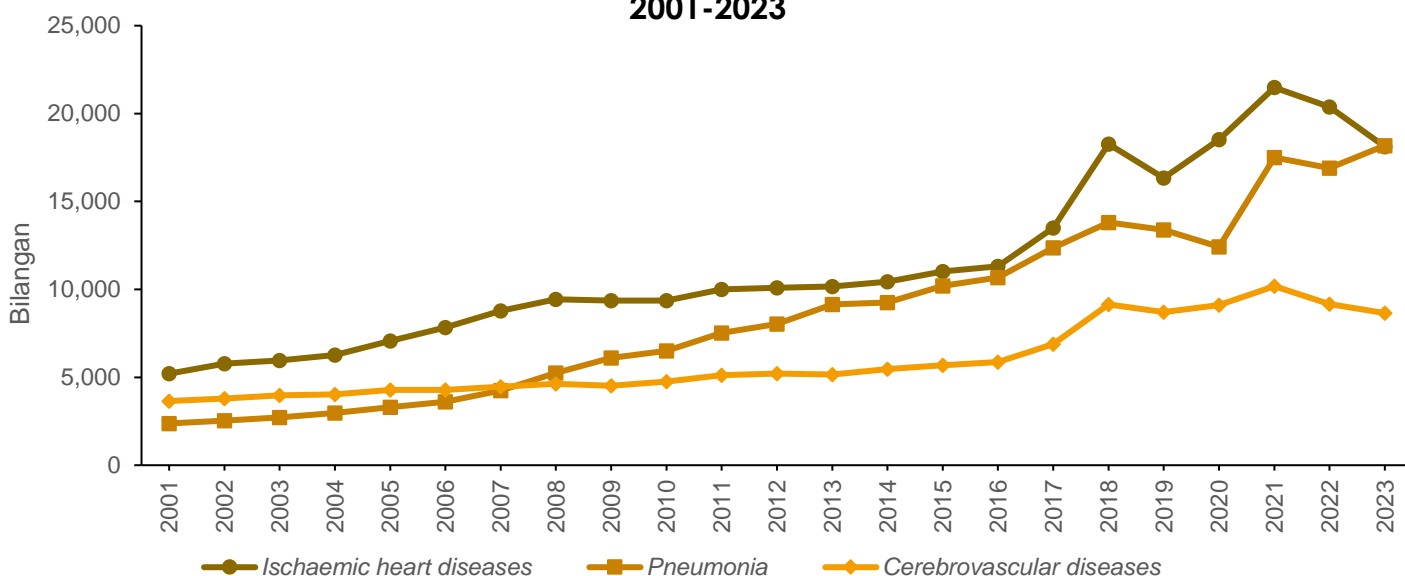
Negeri/ Tahun	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>MALAYSIA</b>	<b>150,318</b>	<b>155,786</b>	<b>162,201</b>	<b>168,168</b>	<b>172,031</b>	<b>174,254</b>	<b>167,181</b>	<b>224,931</b>	<b>206,780</b>	<b>196,965</b>
Johor	17,904	18,853	19,924	20,662	21,117	21,799	20,680	27,002	25,342	24,705
Kedah	13,017	13,674	13,771	14,332	14,552	14,302	13,674	18,470	17,637	16,643
Kelantan	10,588	10,789	10,809	11,203	11,316	11,410	10,939	13,927	13,445	11,839
Melaka	4,728	4,959	5,186	5,523	5,407	5,547	5,452	7,094	6,635	6,190
Negeri Sembilan	6,410	6,611	6,810	7,111	7,298	7,168	7,026	9,179	8,645	8,232
Pahang	8,301	8,471	8,878	9,261	9,246	9,179	8,695	10,382	11,031	10,508
Perak	16,925	17,159	17,820	18,047	18,600	18,740	17,959	21,340	22,358	20,839
Perlis	1,671	1,767	1,884	2,004	2,042	1,996	1,950	2,234	2,422	2,171
Pulau Pinang	9,678	10,226	10,729	10,727	11,209	10,896	10,717	14,010	12,937	12,304
Sabah	12,188	12,511	12,834	13,719	13,940	14,713	14,882	18,884	17,414	16,610
Sarawak	11,686	12,200	12,608	13,117	13,828	14,025	14,124	17,608	16,633	16,158
Selangor	22,647	23,804	25,588	26,733	27,387	27,786	25,443	42,165	32,951	32,646
Terengganu	6,460	6,715	6,843	7,048	7,099	7,341	6,738	8,470	8,686	7,857
W.P. Kuala Lumpur	7,647	7,608	8,077	8,205	8,485	8,845	8,369	13,382	9,998	9,646
W.P. Labuan	274	246	277	247	287	298	319	518	393	333
W.P. Putrajaya	194	193	163	229	218	209	214	266	253	284

Sumber: Jabatan Perangkaan Malaysia

## SEBAB KEMATIAN UTAMA DI MALAYSIA

*Pneumonia* merupakan sebab kematian utama di Malaysia pada 2023 dengan 18,181 kematian atau 15.2 peratus daripada jumlah kematian yang disahkan secara perubatan. *Pneumonia* mengatasi *Ischaemic heart diseases* sebagai sebab kematian utama buat kali pertama dalam dua dekad, kecuali *COVID-19 infection (due to)* pada tahun 2021. Bagi tempoh 2001 hingga 2023, *Pneumonia* meningkat daripada 2,374 kematian (5.3%) pada tahun 2001 kepada 18,181 kematian (15.2%) pada 2023. *Ischaemic heart diseases* dan *Cerebrovascular diseases* turut meningkat masing-masing daripada 5,207 dan 3,651 pada 2001 kepada 18,121 dan 8,657 pada 2023.

**Carta 2: Trend siri masa tiga sebab kematian utama terpilih, Malaysia, 2001-2023**



Sumber: Jabatan Perangkaan Malaysia

### Sebab Kematian Utama Mengikut Kumpulan Umur

Kematian bayi mencerminkan kualiti penjagaan kesihatan dan keadaan sosioekonomi. Di Malaysia, sebab kematian utama bayi adalah isu kongenital, kelahiran pramatang, dan jangkitan seperti sepsis neonatal dan jangkitan pernafasan. Bagi kanak-kanak berumur 1 hingga 4 tahun, sebab kematian utama adalah jangkitan pernafasan seperti radang paru-paru serta kecederaan akibat kemalangan, termasuk lemas dan terjatuh.

*Transport accidents* menjadi penyumbang utama dalam kematian di Malaysia bagi penduduk berumur 10-34 tahun. Pada tahun 2000, *Transport accidents* juga menjadi penyumbang utama dalam sebab kematian bagi penduduk berumur 5-39 tahun. Trend ini menunjukkan *Transport accidents*

mempunyai jurang yang lebih kecil pada tahun 2023 berbanding dengan tahun 2000 bagi kumpulan umur golongan muda. Hk. dan Chauhan (2023) menyatakan bahawa kemalangan jalan raya menjadi punca utama sebab kematian bagi golongan umur 5 hingga 29 tahun. Risiko ini adalah ketara dalam kalangan remaja terutamanya bagi lelaki yang mempunyai keberangskalian yang lebih tinggi dalam kemalangan jalan raya berbanding perempuan.

**Jadual 4: Perbandingan sebab kematian utama mengikut kumpulan umur, 2000 dan 2023**

Kump. Umur	Sebab Kematian Utama	
	2000	2023
0	<i>Certain conditions originating in the perinatal period</i>	<i>Certain conditions originating in the perinatal period</i>
1-4	<i>Congenital malformations, deformations and chromosomal abnormalities</i>	<i>Congenital malformations, deformations and chromosomal abnormalities</i>
5-9	<i>Transport accidents</i>	<i>Leukaemia</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>Pneumonia</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>

Sumber: Jabatan Perangkaan Malaysia

Dalam kalangan dewasa berumur 35 hingga 69 tahun, punca utama kematian ialah penyakit tidak berjangkit seperti penyakit kardiovaskular, kanser dan diabetes. Penyakit kardiovaskular, termasuk penyakit jantung dan

strok adalah penyakit yang paling lazim berlaku dan dipengaruhi oleh faktor gaya hidup seperti pemakanan, aktiviti fizikal dan merokok. Kanser paru-paru, payudara dan kolorektal juga penyumbang besar dalam kadar kematian.

Selain itu, dalam kalangan penduduk warga emas, punca kematian kebanyakannya berkaitan dengan penyakit kronik dan keadaan yang berkaitan dengan usia. Penyakit kardiovaskular, penyakit pernafasan kronik, penyakit *Alzheimer* dan strok adalah penyumbang utama kepada kematian dalam kumpulan ini.

### **Sebab Kematian Utama Mengikut Negeri**

Laporan *National Health and Morbidity Survey* (NHMS, 2023) memaparkan lebih daripada setengah juta atau 2.5 peratus dewasa menghidap empat penyakit tidak berjangkit iaitu kencing manis, tekanan darah tinggi, kolestrol tinggi dan obesiti. Penyakit ini merupakan faktor utama bagi penyakit jantung dan angin ahmar/ strok. Penyakit tidak berjangkit adalah penyebab kematian terbesar di Malaysia, meliputi lebih daripada 70 peratus kematian di seluruh negara. Statistik terkini daripada laporan Perangkaan Sebab Kematian Malaysia, 2024 menunjukkan *Ischaemic heart diseases* merupakan sebab kematian utama di 10 negeri. Selangor dan Johor merekodkan peratusan kematian tertinggi disebabkan sebab kematian ini. Penyakit jantung mencatatkan 14.8 peratus kematian di Malaysia pada 2023.

*Pneumonia* merupakan sebab utama kematian, terutama dalam kalangan orang tua. Sabah dan Sarawak masing-masing merekodkan *Pneumonia* sebagai sebab kematian utama sejak 2013 dan 2016. Negeri yang mencatatkan kadar kematian tertinggi disebabkan *Pneumonia* termasuk Selangor (16.9%), Johor (13.5%) dan Kedah (11.9%). Kedah merekodkan kematian tertinggi disebabkan *Diabetes mellitus* iaitu 370 kematian atau 18.7 peratus. Perak dan Terengganu mencatatkan peratusan kedua tertinggi pada 2023 iaitu 10.0 peratus. NHMS 2015 turut menunjukkan kadar prevalens diabetes di Kedah adalah antara yang tertinggi di Malaysia dan ini selaras dengan kadar obesiti yang lebih tinggi di negeri itu.

Kanser adalah sebab kematian ketiga tertinggi di Malaysia selepas penyakit jantung dan penyakit berkaitan penafasan. Negeri-negeri seperti Selangor, Johor dan Perak merekodkan peratus kematian kanser yang tinggi, terutama kanser paru-paru, payudara, dan kolorektal. Menurut *National Cancer Registry Report* (NCR) 2012-2016, Selangor mencatatkan kadar insiden kanser tertinggi di Malaysia.



Penyakit berkaitan pernafasan seperti *Chronic obstructive pulmonary disease* (COPD) dan asma, adalah penyebab utama kematian di kawasan bandar yang terdedah kepada pencemaran udara, seperti Selangor, W.P. Kuala Lumpur dan Johor. Kajian Kesihatan Kebangsaan (NHMS 2019) melaporkan bahawa kadar penyakit pernafasan lebih tinggi di negeri-negeri ini disebabkan oleh urbanisasi dan pencemaran alam sekitar.

**Jadual 5: Sebab kematian mengikut negeri, 2023**

Negeri	<i>Ischaemic heart diseases</i>		<i>Pneumonia</i>		<i>Transport accidents</i>		<i>Diabetes mellitus</i>	
	Bilangan	Peratus	Bilangan	Peratus	Bilangan	Peratus	Bilangan	Peratus
Malaysia	18,121	15.1	18,181	15.2	4,244	3.5	1,975	1.7
Johor	2,553	14.1	2,451	13.5	612	14.4	194	9.8
Kedah	2,278	12.6	2,157	11.9	469	11.1	370	18.7
Kelantan	1,299	7.2	1,160	6.4	206	4.9	108	5.5
Melaka	628	3.5	409	2.2	143	3.4	28	1.4
Negeri Sembilan	765	4.2	655	3.6	249	5.9	104	5.3
Pahang	896	4.9	999	5.5	300	7.1	106	5.4
Perak	2,002	11.0	1,999	11.0	429	10.1	197	10.0
Perlis	202	1.1	248	1.4	44	1.0	18	0.9
Pulau Pinang	1,209	6.7	1,394	7.7	311	7.3	162	8.2
Sabah	635	3.5	1,134	6.2	181	4.3	73	3.7
Sarawak	640	3.5	773	4.3	153	3.6	121	6.1
Selangor	3,076	17.0	3,072	16.9	775	18.3	139	7.0
Terengganu	776	4.3	692	3.8	214	5.0	197	10.0
W.P. Kuala Lumpur	1,099	6.1	989	5.4	140	3.3	153	7.7
W.P. Labuan	21	0.1	28	0.2	6	0.1	-	-
W.P. Putrajaya	42	0.2	21	0.1	12	0.3	5	0.3

Selain penyakit tidak berjangkit, *Transport accidents* merupakan antara lima sebab utama kematian di Malaysia. Kematian yang direkodkan oleh kemalangan jalan raya pada 2023 adalah 4,244 kematian, meningkat sebanyak 5.8 peratus berbanding 2022 (4,011 kematian). Selangor merekodkan kematian tertinggi iaitu 18.3 peratus, diikuti oleh Johor (14.4%), Kedah (11.1%) dan Perak (10.1%).

Berdasarkan laporan PDRM, sebanyak 598,635 kes kemalangan jalan raya telah dilaporkan di Malaysia bagi 2023. Selangor mencatatkan jumlah kes kemalangan tertinggi dengan 173,129 kes, diikuti Johor (87,370 kes) dan

W.P. Kuala Lumpur (72,701 kes). Selangor juga turut mencatatkan jumlah kematian paling tinggi diikuti Johor dan Perak.

**Jadual 6: Perbandingan sebab kematian utama mengikut Negeri, 2000 dan 2023**

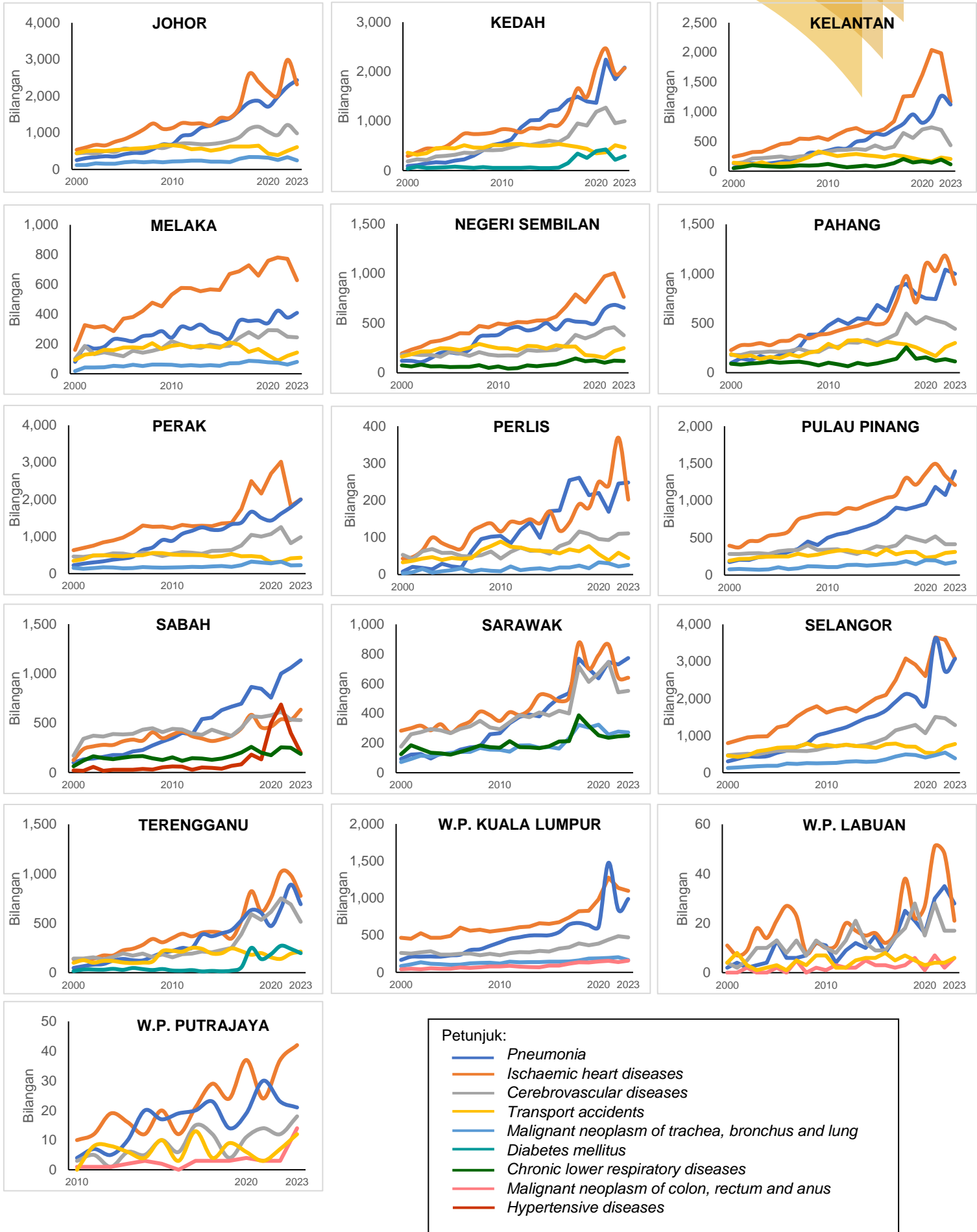
Negeri	Sebab Kematian Utama	
	2000	2023
Malaysia	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>
Johor	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
Kedah	<i>Transport Accidents</i>	<i>Ischaemic heart diseases</i>
Kelantan	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
Melaka	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
Negeri Sembilan	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
Pahang	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>
Perak	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
Perlis	<i>Cerebrovascular diseases</i>	<i>Pneumonia</i>
Pulau Pinang	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>
Sabah	<i>Cerebrovascular diseases</i>	<i>Pneumonia</i>
Sarawak	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>
Selangor	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
Terengganu	<i>Cerebrovascular diseases</i>	<i>Ischaemic heart diseases</i>
W.P. Kuala Lumpur	<i>Ischaemic heart diseases</i>	<i>Ischaemic heart diseases</i>
W.P. Labuan	<i>Ischaemic heart diseases</i>	<i>Pneumonia</i>
W.P. Putrajaya	-	<i>Ischaemic heart diseases</i>

Sumber: Jabatan Perangkaan Malaysia

Setiap negeri mungkin mempunyai punca kematian yang berbeza disebabkan beberapa faktor utama seperti perbezaan demografi, akses kepada perkhidmatan penjagaan kesihatan, gaya hidup dan keadaan sosioekonomi. Seperti yang dinyatakan oleh Jiang et al (2024), faktor demografi seperti umur dan komposisi etnik mempengaruhi risiko penyakit dengan ketara, kerana profil risiko genetik berbeza-beza merentas populasi dan kumpulan umur yang berbeza, mempengaruhi kerentanan dan perkembangan penyakit.

Pelbagai keadaan yang dikaitkan dengan lebih kematian akibat penjagaan kesihatan yang tidak berkualiti menunjukkan bahawa penambahbaikan menyeluruh terhadap keseluruhan sistem kesihatan adalah perlu, dan bukannya hanya menumpukan pada campur tangan yang berkualiti untuk penyakit tertentu. Sesetengah kematian yang kini diklasifikasikan sebagai boleh dicegah dapat dielakkan melalui langkah pencegahan utama yang berkesan dalam sistem kesihatan (Kruk et al (2018).

Carta 3: Lima Sebab Kematian Utama Mengikut Negeri, Malaysia, 2000-2023



## KESIMPULAN

Trend kematian di Malaysia berdasarkan umur dan perbezaan antara negeri memberikan pandangan penting untuk meningkatkan kesejahteraan masyarakat. Faktor seperti umur, akses kepada perkhidmatan penjagaan kesihatan, dan keadaan sosioekonomi memainkan peranan penting dalam mempengaruhi risiko dan punca kematian di seluruh negara. Penyakit tidak berjangkit seperti penyakit jantung dan kanser adalah punca utama kematian di kalangan orang dewasa, manakala kematian akibat kemalangan dan penyakit berjangkit lebih ketara dalam kalangan kumpulan umur yang lebih muda. Pada masa yang sama, negeri dengan populasi warga emas yang lebih besar mencatatkan kadar kematian yang lebih tinggi. Pemahaman yang lebih mendalam tentang faktor umur dan geografi membolehkan dasar kesihatan yang lebih inklusif dan berkesan dapat dilaksanakan untuk kesejahteraan seluruh rakyat Malaysia serta sejajar dengan matlamat pembangunan mampan global.

## PENAFIAN

Pandangan yang dikemukakan dalam rencana ini adalah pandangan penulis dan tidak semestinya mewakili Jabatan Perangkaan Malaysia (DOSM).

## RUJUKAN

1. Department of Statistics Malaysia (various years). *Vital Statistics, Malaysia*.
2. Department of Statistics Malaysia (various years). *Statistics on Causes of Death, Malaysia*.
3. Ewelina, Łukaszyk., Katarzyna, Bień-Barkowska., Barbara, Bień., Barbara, Bień. (2021). Identification of Mortality Risks in the Advancement of Old Age: Application of Proportional Hazard Models Based on the Stepwise Variable Selection and the Bayesian Model Averaging Approach. *Nutrients*, 13(4):1098. <https://doi.org/10.3390/NU13041098>
4. Komala, Hk., Dr., Krishna, Chauhan. (2023). Road accidents safety among teenagers. *The Genesis*, 10(1):29-32. <https://doi.org/10.47211/tg.2023.v10i01.008>
5. Kruk, M. E., Gage, A. D., Joseph, N. T., Danaei, G., García-Saisó, S., & Salomon, J. A. (2018). Mortality due to low-quality health systems in the universal health coverage era: a systematic analysis of amenable deaths in 137 countries. *The Lancet*, 392(10160), 2203–2212. [https://doi.org/10.1016/s0140-6736\(18\)31668-4](https://doi.org/10.1016/s0140-6736(18)31668-4)

6. Kiirtaara, Aravindhan., Sumaiyah, Mat., Shahrul, Bahyah. et al. (2023). Comparing four frailty assessment tools against seven-year mortality in the Malaysian elders longitudinal research stud. 118:105304-105304. <https://doi.org/10.1016/j.archger.2023.105304>
7. Leslie, P., Francis., John, G., Francis. (2024). Differences among States. 58-83. <https://doi.org/10.1093/oso/9780197538654.003.0003>
8. Ministry of Health (various years). Health Facts.
9. Mohsen, Naghavi., Nicola, Richards., Hafiz, Chowdhury., James, Eynstone-Hinkins., Elisabeth, Barboza, França., Michael, Hegnauer., Ardeshir, Khosravi., Lauren, V., Moran., Lene, Mikkelsen., Alan, D., Lopez. (2020). Improving the quality of cause of death data for public health policy: are all 'garbage' codes equally problematic?. BMC Medicine, 18(1):1-3. <https://doi.org/10.1186/S12916-020-01525-W>
10. National Cancer Institute (2020). National Cancer Registry Report (NCR) 2012-2016.
11. Nur, Shatikah, Mohamad, Ibrahim., Syazreen, Niza, Shair., Aida, Yuzi, Yusof. (2020). Mortality rates and life expectancy improvements among malaysian elderlies. Indonesian Journal of Electrical Engineering and Computer Science, 19(1):134-139. doi: <https://doi.org/10.11591/IJEECS.V19.I1.PP134-139>
12. Rohaizat Hassan, Mohd Nazrin Jamhari, Firdaus Hayati, Ahmad, N., Zamzuri, A., Azmawati Mohammed Nawwi, Khaironi Yatim Sharif, Muhammad, S., Shahrul Bariyah Ahmad, Ismail, N., Rahim, A., & Mohammad Saffree Jeffree. (2021). Determinants of glycaemic control among type 2 diabetes mellitus patients in Northern State of Kedah, Malaysia: a cross-sectional analysis of 5 years national diabetes registry 2014-2018. The Pan African Medical Journal, 39. <https://doi.org/10.11604/pamj.2021.39.206.30410>
13. Teresa, Niccoli., Linda, Partridge. (2012). Ageing as a Risk Factor for Disease. Current Biology, 22(17):741-752. <https://doi.org/10.1016/J.CUB.2012.07.024>
14. Xilin, Jiang., Christopher, Holmes., Christopher, Holmes., Gil, McVean. (2020). The impact of age on genetic risk for common diseases. bioRxiv, <https://doi.org/10.1101/2020.07.17.208280>

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

*ARTICLE*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



## MALAYSIA'S MORTALITY LANDSCAPE: AGE AND STATE TRENDS

(Nur Azmina Ahmad Zuhkhori, Mohamad Shukor Mat Lazim, Nur Shamim Izzati Zakaria)

### INTRODUCTION

Mortality statistics are one of the main aspects in public health research that provide an overview of the health status and well-being of a country's population. According to Naghavi et al. (2020), accurate mortality statistics are essential for informing health policies and monitoring progress towards health goals, as they reflect actual mortality patterns and underlying health issues in the population. Understanding mortality trends by age group and gender, as well as comparison between states, enables health authorities to plan and implement effective policies to improve the quality of life and well-being of citizens.

Findings by Lukaszuk et al. (2021) shows that age significantly influences the risk of death, with older adults showing higher mortality rates, which are also affected by other health indicators. Statistics showed that causes of death vary significantly by age group, from infectious diseases and injuries among children to non-communicable diseases such as heart disease and cancer among adults. By understanding these patterns, health authorities can design more targeted prevention strategies to reduce mortality rates across different age groups.

In addition to age factors, geographical differences also contribute to variations in mortality rates and causes of death in Malaysia. Each state has different demographics, socioeconomic levels and health infrastructure. According to Francis (2024), health disparities varied across the country. In particular, individuals living in the South United States often experience higher rates of early death compared to other regions. This can be due to a variety of factors, including limited access to quality healthcare, higher rates of poverty, and fewer health resources. This article is published to explore mortality trends in Malaysia focusing on age and comparison among state.

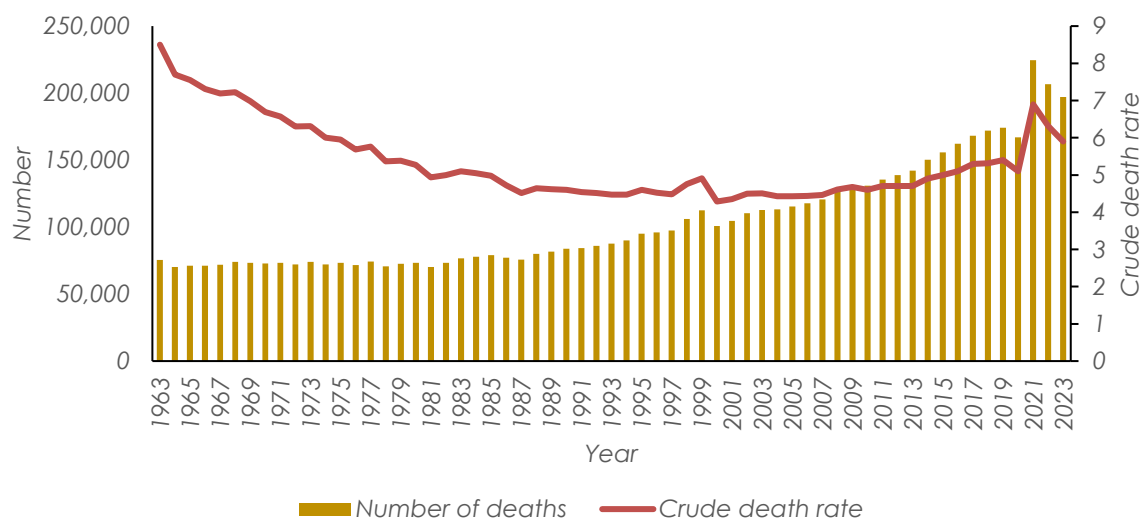
### MORTALITY IN MALAYSIA

The number of deaths in 2023 decreased by 4.7 per cent from 206,780 deaths (2022) to 196,965 deaths. The crude death rate (CDR) decreased from 6.3 (2022) to 5.9 deaths per thousand population in 2023. On average, deaths in Malaysia have increased every year except in 2000, 2010, 2020 and before

1990. The number of deaths in 2020 decreased due to significant reduction in number of deaths for road accidents which decrease from 4,201 deaths in 2019 to 3,169 deaths in 2020. 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.

**Chart 1: Number of deaths in Malaysia, 1963-2023**



Source: Department of Statistics Malaysia

### Mortality by Age Group

Age plays an important role in influencing a person's risk of death, as the older a person gets, the higher the likelihood of being exposed to various health issues. Deaths at young age is often caused by external factors such as accidents, infections or malnutrition, where as in middle to old age, non-communicable diseases such as cardiovascular diseases, cancer and other chronic conditions become the main causes. The ageing process leads to a decline in the body's resilience and its ability to recover from illness or injury,

making individuals more vulnerable to health complications. As people age, they experience more health problems and the biological processes that affect longevity also contribute to age-related diseases (Niccoli & Partridge, 2012).

**Table 1: Deaths by Age Group, 2011-2023**

Age Group	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	% Change (2023/2022)
<b>Total</b>	<b>135,463</b>	<b>138,692</b>	<b>142,202</b>	<b>150,318</b>	<b>155,786</b>	<b>162,201</b>	<b>168,168</b>	<b>172,031</b>	<b>174,254</b>	<b>167,181</b>	<b>224,931</b>	<b>206,780</b>	<b>196,965</b>	-4.7
<b>0</b>	3,330	3,277	3,199	3,543	3,582	3,390	3,496	3,622	3,220	2,801	2,704	2,871	3,054	6.4
<b>1-4</b>	762	732	783	841	786	743	799	805	758	641	541	784	709	-9.6
<b>5-9</b>	616	590	554	594	604	578	618	627	547	337	370	481	474	-1.5
<b>10-14</b>	764	784	750	787	798	733	774	691	657	509	501	619	696	12.4
<b>15-19</b>	1,942	2,043	1,958	1,953	1,909	2,032	1,860	1,759	1,596	1,213	1,256	1,467	1,605	9.4
<b>20-24</b>	2,243	2,235	2,313	2,294	2,317	2,466	2,318	2,307	2,147	1,813	2,107	2,118	1,975	-6.8
<b>25-29</b>	2,367	2,283	2,377	2,390	2,464	2,340	2,465	2,414	2,426	2,216	3,033	2,388	2,340	-2.0
<b>30-34</b>	2,711	2,769	2,816	3,009	3,175	3,242	3,156	3,120	3,029	2,923	4,164	3,228	3,070	-4.9
<b>35-39</b>	3,371	3,451	3,495	3,693	3,864	3,974	3,855	4,113	4,155	4,083	6,146	4,678	4,495	-3.9
<b>40-44</b>	4,411	4,545	4,726	4,909	5,108	5,228	5,250	5,323	5,604	5,540	8,392	6,449	6,282	-2.6
<b>45-49</b>	6,255	6,452	6,563	6,995	7,130	7,133	7,427	7,382	7,454	7,446	11,304	8,600	8,177	-4.9
<b>50-54</b>	8,728	9,282	9,323	9,837	10,206	10,353	10,579	10,883	10,735	10,432	14,731	11,873	11,092	-6.6
<b>55-59</b>	10,890	11,178	11,711	12,572	13,134	13,630	14,275	14,544	14,614	13,925	19,431	15,912	15,331	-3.7
<b>60-64</b>	12,767	13,148	13,478	14,345	14,906	16,122	16,907	17,480	18,085	17,092	24,029	21,035	19,453	-7.5
<b>65-69</b>	13,429	14,218	14,416	16,002	16,977	17,650	18,532	19,048	19,581	19,090	26,434	23,653	23,024	-2.7
<b>70-74</b>	16,373	16,365	16,277	16,755	16,775	17,758	19,001	19,494	20,386	20,181	26,957	24,990	24,516	-1.9
<b>75-79</b>	15,938	16,695	17,991	19,096	19,339	19,405	20,151	20,010	19,700	18,630	24,157	24,465	23,450	-4.1
<b>80-84</b>	13,934	13,979	14,127	14,401	15,323	16,944	18,106	19,183	19,509	18,699	22,993	23,434	21,211	-9.5
<b>85-89</b>	8,791	8,895	9,054	9,511	10,413	11,249	11,479	11,612	11,847	11,747	15,519	16,865	16,179	-4.1
<b>90-94</b>	4,237	4,252	4,576	4,894	5,030	5,201	5,100	5,440	5,674	5,626	7,417	7,900	7,150	-9.5
<b>95 and over</b>	1,604	1,519	1,715	1,897	1,946	2,030	2,020	2,174	2,530	2,237	2,745	2,970	2,682	-9.7

Source: Department of Statistics Malaysia

Mortality trends show an increase in older age, particularly in age group 65 years and over, where the number of deaths is higher as compared to other age groups. Age group 85 years and over is the largest contributor to mortality, recording 186 deaths per thousand people, followed by the population aged 80-84 years (103 deaths) and 75-79 years (56.8 deaths).

Several younger age groups, such as age group 1-4 years and 5-9 years, showed a decrease in mortality rates. This indicates that age plays a significant role in mortality trends in Malaysia, with high mortality rates occurred in older age groups. According to Shatikah Ibrahim (2020), the mortality rate of elderly Malaysians, for both men and women, has increased in an almost linear pattern with age and this trend has been consistent from 1950 to 2015. Additionally, Malaysia's elderly population is ageing faster than previous generations.

**Table 2: Percentage of death by age group, 2011-2023**

Age Group	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>Total</b>	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
<b>0</b>	2.5	2.4	2.2	2.4	2.3	2.1	2.1	2.1	1.8	1.7	1.2	1.4	1.6
<b>1-4</b>	0.6	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.4	0.4	0.2	0.4	0.4
<b>5-9</b>	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.2	0.2	0.2	0.2
<b>10-14</b>	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.3	0.2	0.3	0.4
<b>15-19</b>	1.4	1.5	1.4	1.3	1.2	1.3	1.1	1.0	0.9	0.7	0.6	0.7	0.8
<b>20-24</b>	1.7	1.6	1.6	1.5	1.5	1.5	1.4	1.3	1.2	1.1	0.9	1.0	1.0
<b>25-29</b>	1.7	1.6	1.7	1.6	1.6	1.4	1.5	1.4	1.4	1.3	1.3	1.2	1.2
<b>30-34</b>	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.7	1.7	1.9	1.6	1.6
<b>35-39</b>	2.5	2.5	2.5	2.5	2.5	2.5	2.3	2.4	2.4	2.4	2.7	2.3	2.3
<b>40-44</b>	3.3	3.3	3.3	3.3	3.3	3.2	3.1	3.1	3.2	3.3	3.7	3.1	3.2
<b>45-49</b>	4.6	4.7	4.6	4.7	4.6	4.4	4.4	4.3	4.3	4.5	5.0	4.2	4.2
<b>50-54</b>	6.4	6.7	6.6	6.5	6.6	6.4	6.3	6.3	6.2	6.2	6.5	5.7	5.6
<b>55-59</b>	8.0	8.1	8.2	8.4	8.4	8.4	8.5	8.5	8.4	8.3	8.6	7.7	7.8
<b>60-64</b>	9.4	9.5	9.5	9.5	9.6	9.9	10.1	10.2	10.4	10.2	10.7	10.2	9.9
<b>65-69</b>	9.9	10.3	10.1	10.6	10.9	10.9	11.0	11.1	11.2	11.4	11.8	11.4	11.7
<b>70-74</b>	12.1	11.8	11.4	11.1	10.8	10.9	11.3	11.3	11.7	12.1	12.0	12.1	12.4
<b>75-79</b>	11.8	12.0	12.7	12.7	12.4	12.0	12.0	11.6	11.3	11.1	10.7	11.8	11.9
<b>80-84</b>	10.3	10.1	9.9	9.6	9.8	10.4	10.8	11.2	11.2	11.2	10.2	11.3	10.8
<b>85-89</b>	6.5	6.4	6.4	6.3	6.7	6.9	6.8	6.7	6.8	7.0	6.9	8.2	8.2
<b>90-94</b>	3.1	3.1	3.2	3.3	3.2	3.2	3.0	3.2	3.3	3.4	3.3	3.8	3.6
<b>95 and over</b>	1.2	1.1	1.2	1.3	1.2	1.3	1.2	1.3	1.5	1.3	1.2	1.4	1.4

Source: Department of Statistics Malaysia

The population aged 70-74 years recorded the highest percentage of deaths in 2023, accounting for 12.4 per cent of Malaysia's total deaths, followed by the age group 75-79 years, which accounted for 11.9 per cent.

### **Mortality by State**

Johor, Kedah, Kelantan and Selangor showed a consistent increase in the number of deaths during 2000 to 2023. Selangor recorded the highest number of deaths in 2021 with 42,165 deaths before declining to 35,646 in 2023. Other states, such as W.P. Kuala Lumpur and Sarawak, exhibited a similar trend, with a significant increase in 2021 before declining again in the reference period.

At the same time, states with smaller populations like Perlis and W.P. Labuan displayed slower and more stable changes in the number of deaths throughout the decade. For example, the number of deaths in Perlis and W.P. Labuan remained below 3,000 throughout this period. This data may reflect several factors, such as demographic changes, including the increasing elderly population and access to healthcare, as well as the impact of the COVID-19 pandemic, which affected mortality patterns in recent years, particularly in 2021, when deaths rose significantly across the country.

**Table 3: Number of deaths by state, 2014-2023**

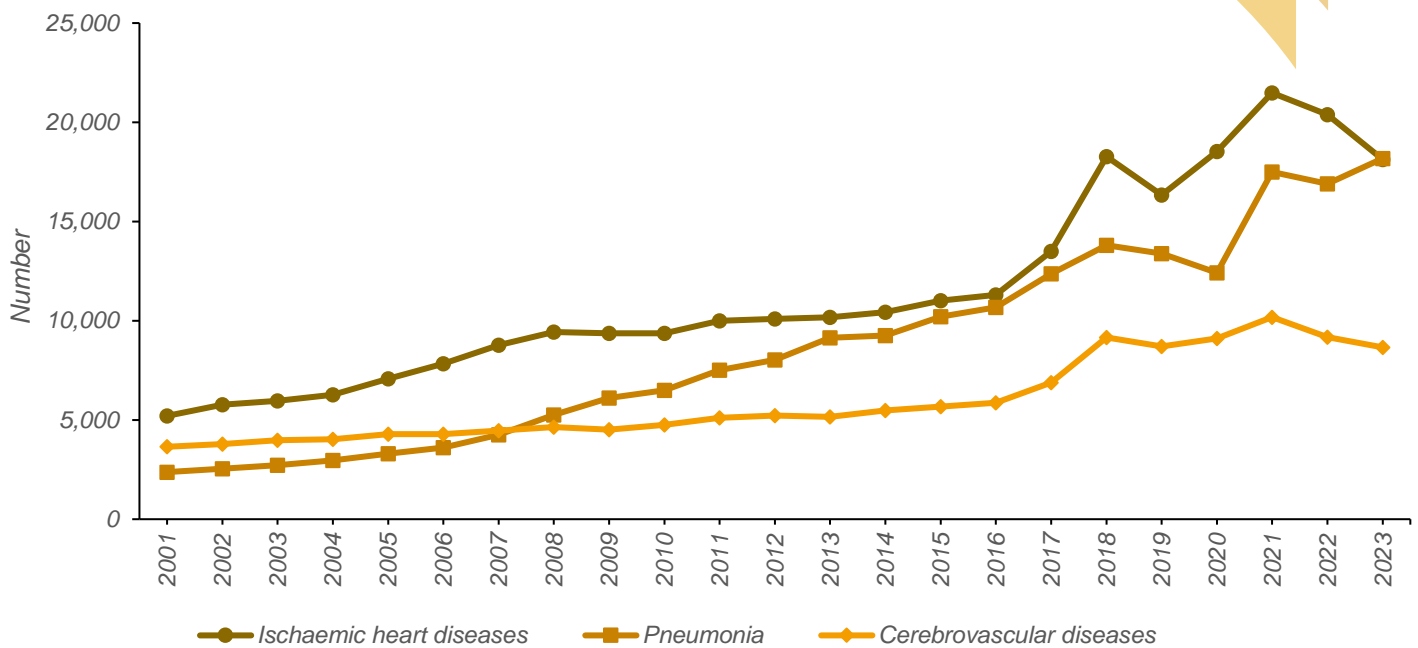
State/ Year	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
<b>MALAYSIA</b>	<b>150,318</b>	<b>155,786</b>	<b>162,201</b>	<b>168,168</b>	<b>172,031</b>	<b>174,254</b>	<b>167,181</b>	<b>224,931</b>	<b>206,780</b>	<b>196,965</b>
Johor	17,904	18,853	19,924	20,662	21,117	21,799	20,680	27,002	25,342	24,705
Kedah	13,017	13,674	13,771	14,332	14,552	14,302	13,674	18,470	17,637	16,643
Kelantan	10,588	10,789	10,809	11,203	11,316	11,410	10,939	13,927	13,445	11,839
Melaka	4,728	4,959	5,186	5,523	5,407	5,547	5,452	7,094	6,635	6,190
Negeri Sembilan	6,410	6,611	6,810	7,111	7,298	7,168	7,026	9,179	8,645	8,232
Pahang	8,301	8,471	8,878	9,261	9,246	9,179	8,695	10,382	11,031	10,508
Perak	16,925	17,159	17,820	18,047	18,600	18,740	17,959	21,340	22,358	20,839
Perlis	1,671	1,767	1,884	2,004	2,042	1,996	1,950	2,234	2,422	2,171
Pulau Pinang	9,678	10,226	10,729	10,727	11,209	10,896	10,717	14,010	12,937	12,304
Sabah	12,188	12,511	12,834	13,719	13,940	14,713	14,882	18,884	17,414	16,610
Sarawak	11,686	12,200	12,608	13,117	13,828	14,025	14,124	17,608	16,633	16,158
Selangor	22,647	23,804	25,588	26,733	27,387	27,786	25,443	42,165	32,951	32,646
Terengganu	6,460	6,715	6,843	7,048	7,099	7,341	6,738	8,470	8,686	7,857
W.P. Kuala Lumpur	7,647	7,608	8,077	8,205	8,485	8,845	8,369	13,382	9,998	9,646
W.P. Labuan	274	246	277	247	287	298	319	518	393	333
W.P. Putrajaya	194	193	163	229	218	209	214	266	253	284

Source: Department of Statistics Malaysia

## PRINCIPAL CAUSES OF DEATH IN MALAYSIA

Pneumonia was the principal cause of death in 2023, with 18,181 deaths or 15.2 per cent of the medically certified deaths. Pneumonia supersedes Ischaemic heart diseases as the principal causes of death for the first time in two decades, except in 2021 when COVID-19 infection (due to) was the principal causes of deaths. For the period of 2001 to 2023, Pneumonia showed an increase from 2,374 deaths (5.3%) in 2001 to 18,181 deaths (15.2%) in 2023. Ischaemic heart diseases and Cerebrovascular diseases also increased from 5,207 and 3,651 in 2001 to 18,121 and 8,657 in 2023, respectively.

**Chart 2: Time series trend for top three selected principal causes of death, Malaysia, 2001-2023**



Source: Department of Statistics Malaysia

### Principal Causes of Death by Age Group

Infant mortality reflects the quality of healthcare and socioeconomic conditions. In Malaysia, the principal causes of death for infants are congenital issues, premature birth and infections such as neonatal sepsis and respiratory infections. For children aged 1 to 4 years, the primary causes of death are respiratory infections, such as pneumonia, as well as injuries from accidents, including drowning and falls.

Transport accidents are the principal causes of death for the population aged 10 to 34 years. In 2000, Transport accidents were also the principal causes of death for the population aged 5 to 39 years. This trend indicates that Transport accidents had a narrower gap in 2023 as compared to 2000 among the younger age group. Hk and Chauhan (2023) said that road accidents are the principal causes of death for the population aged 5 to 29 years. This risk is significant among teenagers, especially males, who are more likely to be involved in road accidents as compared to females.

**Table 4: Comparison principal causes of death by age group, 2000 and 2023**

Age Group	Principal Causes of Death	
	2000	2023
0	Certain conditions originating in the perinatal period	Certain conditions originating in the perinatal period
1-4	Congenital malformations, deformations and chromosomal abnormalities	Congenital malformations, deformations and chromosomal abnormalities
5-9	Transport accidents	Leukaemia
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	Pneumonia
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

Source: Department of Statistics Malaysia

Among adults aged 35 to 69 years, non-communicable diseases such as cardiovascular diseases, cancer and diabetes are the principal causes of death. Cardiovascular diseases, including heart disease and stroke are the most common, influenced by lifestyle factors such as diet, physical activity and smoking. Cancer, particularly lung, breast and colorectal cancer, also significantly impacts mortality rates.

Additionally, among the elderly population, the causes of death are mostly related to chronic diseases and age-related conditions. Cardiovascular diseases, chronic respiratory diseases, Alzheimer disease and stroke are the main contributors to death in this group.

### **Principal Causes of Death by State**

Reports from the National Health and Morbidity Survey (NHMS) 2023 showed that more than half a million or 2.5 per cent of adults, suffer from four non-communicable diseases, namely diabetes, hypertension, high cholesterol and obesity. These diseases are major risk factors for heart disease and stroke. Non-communicable diseases are the principal causes of death in Malaysia, accounting for more than 70 per cent of deaths. According to the Statistics on Cause of Death report 2024, Ischaemic heart diseases are the principal causes of death in 10 states. Selangor and Johor recorded the highest percentages of deaths due to this cause. Heart disease registered 14.8 per cent of deaths in Malaysia in 2023.

Pneumonia is the principal cause of death, particularly among the elderly. Sabah and Sarawak recorded Pneumonia as the principal causes of deaths since 2013 and 2016, respectively. The states that recorded the highest mortality rate due to Pneumonia include Selangor (16.9%), Johor (13.5%) and Kedah (11.9%). Kedah recorded the highest number of deaths due to Diabetes mellitus with 370 deaths or 18.7 per cent. This was followed by Perak and Terengganu which recorded the second highest percentage at 10.0 per cent in 2023. NHMS 2015 showed that the prevalence rate of diabetes in Kedah is among the highest in Malaysia and this is in line with the higher obesity rates in that state.

Cancer is the third leading causes of death after heart diseases. States such as Selangor, Johor and Perak recorded the highest percentage of cancer mortality, particularly lung, breast and colorectal cancer. According to the National Cancer Registry Report (NCR) 2012-2016, Selangor had the highest cancer incidence rate in Malaysia.

Respiratory diseases, such as Chronic obstructive pulmonary disease (COPD) and asthma, are major causes of death in urban areas exposed to air pollution, such as Selangor, W.P. Kuala Lumpur and Johor. NHMS 2019 report indicated that respiratory disease rates are higher in these states due to urbanisation and environmental pollution.



**Table 5: Causes of Death by State, 2023**

State	Ischaemic heart diseases		Pneumonia		Transport accidents		Diabetes mellitus	
	Number	%	Number	%	Number	%	Number	%
Malaysia	18,121	15.1	18,181	15.2	4,244	3.5	1,975	1.7
Johor	2,553	14.1	2,451	13.5	612	14.4	194	9.8
Kedah	2,278	12.6	2,157	11.9	469	11.1	370	18.7
Kelantan	1,299	7.2	1,160	6.4	206	4.9	108	5.5
Melaka	628	3.5	409	2.2	143	3.4	28	1.4
Negeri Sembilan	765	4.2	655	3.6	249	5.9	104	5.3
Pahang	896	4.9	999	5.5	300	7.1	106	5.4
Perak	2,002	11.0	1,999	11.0	429	10.1	197	10.0
Perlis	202	1.1	248	1.4	44	1.0	18	0.9
Pulau Pinang	1,209	6.7	1,394	7.7	311	7.3	162	8.2
Sabah	635	3.5	1,134	6.2	181	4.3	73	3.7
Sarawak	640	3.5	773	4.3	153	3.6	121	6.1
Selangor	3,076	17.0	3,072	16.9	775	18.3	139	7.0
Terengganu	776	4.3	692	3.8	214	5.0	197	10.0
W.P. Kuala Lumpur	1,099	6.1	989	5.4	140	3.3	153	7.7
W.P. Labuan	21	0.1	28	0.2	6	0.1	-	-
W.P. Putrajaya	42	0.2	21	0.1	12	0.3	5	0.3

In addition to non-communicable diseases, Transport accidents are among the top five causes of death in Malaysia. The number of deaths recorded from road accidents in 2023 was 4,244, an increase of 5.8 per cent as compared to 2022 (4,011 deaths). Selangor recorded the highest death toll at 18.3 per cent, followed by Johor (14.4%), Kedah (11.1%) and Perak (10.1%).

According to a report by the Royal Malaysia Police (RMP), a total of 598,635 road accident cases were reported in Malaysia in 2023. Selangor recorded the highest number of accident cases with 173,129, followed by Johor (87,370 cases) and W.P. Kuala Lumpur (72,701 cases). Selangor also recorded the highest number of deaths, followed by Johor and Perak.

**Table 6: Comparison Principal Causes of Death by State, 2000 and 2023**

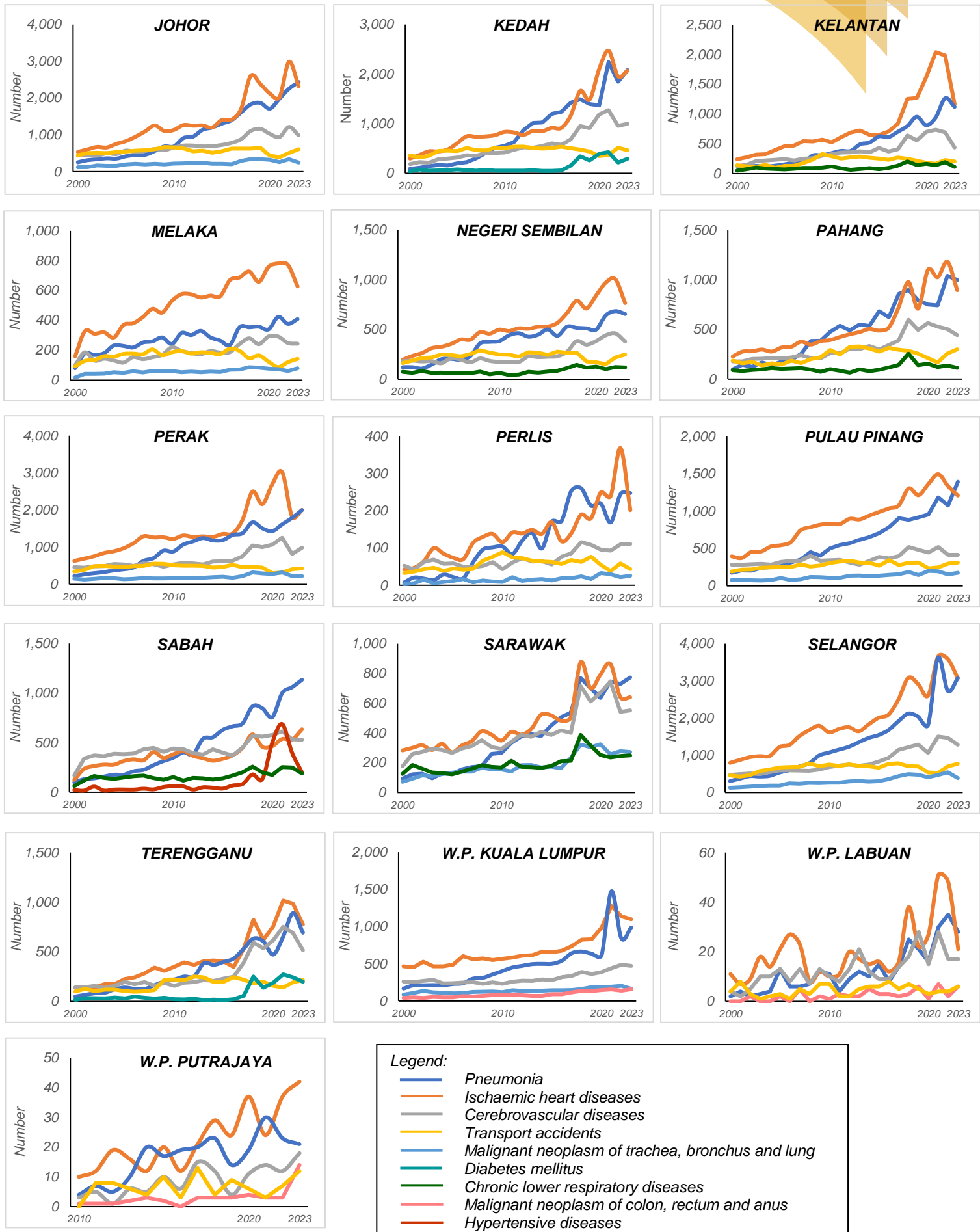
State	Principal Causes of Death	
	2000	2023
Malaysia	Ischaemic heart diseases	Pneumonia
Johor	Ischaemic heart diseases	Ischaemic heart diseases
Kedah	Transport accidents	Ischaemic heart diseases
Kelantan	Ischaemic heart diseases	Ischaemic heart diseases
Melaka	Ischaemic heart diseases	Ischaemic heart diseases
Negeri Sembilan	Ischaemic heart diseases	Ischaemic heart diseases
Pahang	Ischaemic heart diseases	Pneumonia
Perak	Ischaemic heart diseases	Ischaemic heart diseases
Perlis	Cerebrovascular disease	Pneumonia
Pulau Pinang	Ischaemic heart diseases	Pneumonia
Sabah	Cerebrovascular diseases	Pneumonia
Sarawak	Ischaemic heart diseases	Pneumonia
Selangor	Ischaemic heart diseases	Ischaemic heart diseases
Terengganu	Cerebrovascular diseases	Ischaemic heart diseases
W.P. Kuala Lumpur	Ischaemic heart diseases	Ischaemic heart diseases
W.P. Labuan	Ischaemic heart diseases	Pneumonia
W.P. Putrajaya	-	Ischaemic heart diseases

Source: Department of Statistics Malaysia

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.

The wide range of conditions linked to excess mortality due to poor-quality healthcare indicates that a comprehensive improvement of the entire health system is necessary, rather than just focusing on quality interventions for specific diseases. Some deaths currently classified as preventable could have been avoided through effective primary prevention measures within the health system (Kruk et al., 2018).

Chart 3: Trend for top five principal causes of death, Malaysia, 2000-2023



## CONCLUSION

The mortality trends in Malaysia based on age and differences between states provides important insights for improving the well-being of society. Factors such as age, access to healthcare services, and socioeconomic conditions play a significant role in influencing the risk and causes of death across the country. Non-communicable diseases such as heart disease and cancer are the leading causes of death among adults, while deaths due to accidents and infectious diseases are more prominent among younger age groups. At the same time, states with larger elderly populations recorded a higher mortality rate. A deeper understanding of age and geographic factor allows more inclusive and effective health policies to be implemented for the well-being of all Malaysian, as well as aligning with the global sustainable development goal.

## DISCLAIMER

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

## REFERENCES

1. Department of Statistics Malaysia (various years). *Vital Statistics, Malaysia*.
2. Department of Statistics Malaysia (various years). *Statistics on Causes of Death, Malaysia*.
3. Ewelina, Łukaszuk., Katarzyna, Bień-Barkowska., Barbara, Bień., Barbara, Bień. (2021). Identification of Mortality Risks in the Advancement of Old Age: Application of Proportional Hazard Models Based on the Stepwise Variable Selection and the Bayesian Model Averaging Approach. *Nutrients*, 13(4):1098. <https://doi.org/10.3390/NU13041098>
4. Komala, Hk., Dr., Krishna, Chauhan. (2023). Road accidents safety among teenagers. *The Genesis*, 10(1):29-32. <https://doi.org/10.47211/tg.2023.v10i01.008>
5. Kruk, M. E., Gage, A. D., Joseph, N. T., Danaei, G., García-Saisó, S., & Salomon, J. A. (2018). Mortality due to low-quality health systems in the universal health coverage era: a systematic analysis of amenable deaths in 137 countries. *The Lancet*, 392(10160), 2203–2212. [https://doi.org/10.1016/s0140-6736\(18\)31668-4](https://doi.org/10.1016/s0140-6736(18)31668-4)
6. Kiirtaara, Aravindhan., Sumaiyah, Mat., Shahrul, Bahyah. et al. (2023). Comparing four frailty assessment tools against seven-year mortality in

- the Malaysian elders longitudinal research stud. 118:105304-105304.  
<https://doi.org/10.1016/j.archger.2023.105304>
7. Leslie, P., Francis., John, G., Francis. (2024). Differences among States. 58-83. <https://doi.org/10.1093/oso/9780197538654.003.0003>
  8. Ministry of Health (various years). Health Facts.
  9. Mohsen, Naghavi., Nicola, Richards., Hafiz, Chowdhury., James, Eynstone-Hinkins., Elisabeth, Barboza, França., Michael, Hegnauer., Ardeshir, Khosravi., Lauren, V., Moran., Lene, Mikkelsen., Alan, D., Lopez. (2020). Improving the quality of cause of death data for public health policy: are all 'garbage' codes equally problematic?. *BMC Medicine*, 18(1):1-3. <https://doi.org/10.1186/S12916-020-01525-W>
  10. National Cancer Institute (2020). National Cancer Registry Report (NCR) 2012-2016.
  11. Nur, Shatikah, Mohamad, Ibrahim., Syazreen, Niza, Shair., Aida, Yuzi, Yusof. (2020). Mortality rates and life expectancy improvements among malaysian elderlies. *Indonesian Journal of Electrical Engineering and Computer Science*, 19(1):134-139. doi: <https://doi.org/10.11591/IJEECS.V19.I1.PP134-139>
  12. Rohaizat Hassan, Mohd Nazrin Jamhari, Firdaus Hayati, Ahmad, N., Zamzuri, A., Azmawati Mohammed Nawi, Khaironi Yatim Sharif, Muhammad, S., Shahrul Bariyah Ahmad, Ismail, N., Rahim, A., & Mohammad Saffree Jeffree. (2021). Determinants of glycaemic control among type 2 diabetes mellitus patients in Northern State of Kedah, Malaysia: a cross-sectional analysis of 5 years national diabetes registry 2014-2018. *The Pan African Medical Journal*, 39. <https://doi.org/10.11604/pamj.2021.39.206.30410>
  13. Teresa, Niccoli., Linda, Partridge. (2012). Ageing as a Risk Factor for Disease. *Current Biology*, 22(17):741-752. <https://doi.org/10.1016/J.CUB.2012.07.024>
  14. Xilin, Jiang., Christopher, Holmes., Christopher, Holmes., Gil, McVean. (2020). The impact of age on genetic risk for common diseases. *bioRxiv*, <https://doi.org/10.1101/2020.07.17.208280>

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

# **JADUAL** *TABLES*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



# **KEMATIAN** *DEATHS*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 1.1: Kematian (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 1.1: Deaths (number and rate) by state and sex, Malaysia, 2023

	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>
<b>MALAYSIA</b>	<b>196,965</b>	<b>112,293</b>	<b>84,672</b>	<b>5.9</b>	<b>6.4</b>	<b>5.3</b>
Johor	24,705	14,200	10,505	6.0	6.5	5.5
Kedah	16,643	9,301	7,342	7.6	8.3	6.8
Kelantan	11,839	6,514	5,325	6.4	7.0	5.8
Melaka	6,190	3,456	2,734	6.0	6.4	5.6
Negeri Sembilan	8,232	4,724	3,508	6.7	7.4	6.0
Pahang	10,508	6,082	4,426	6.4	7.0	5.7
Perak	20,839	11,735	9,104	8.2	8.9	7.5
Perlis	2,171	1,179	992	7.4	8.1	6.8
Pulau Pinang	12,304	6,851	5,453	6.9	7.5	6.3
Sabah	16,610	9,680	6,930	4.6	5.2	4.0
Sarawak	16,158	9,211	6,947	6.5	7.1	5.7
Selangor	32,646	19,029	13,617	4.5	5.0	4.0
Terengganu	7,857	4,441	3,416	6.5	7.2	5.8
W.P. Kuala Lumpur	9,646	5,531	4,115	4.8	5.2	4.4
W.P. Labuan	333	194	139	3.4	3.8	2.9
W.P. Putrajaya	284	165	119	2.4	2.8	2.0

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, 2023**

Table 1.2: Deaths (number and rate) by ethnic group and sex, Malaysia, 2023

		<b>Jumlah</b> <i>Total</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Warganegara</b> <i>Citizen</i>	<b>Kematian</b> <i>Deaths</i>	<b>193,313</b>	<b>110,066</b>	<b>83,247</b>
	<b>Kadar kematian kasar</b> <i>Crude death rate</i>	<b>6.4</b>	7.1	5.5
<b>Bumiputera</b>	<b>Kematian</b> <i>Deaths</i>	<b>122,896</b>	69,247	53,649
	<b>Kadar kematian kasar</b> <i>Crude death rate</i>	<b>5.8</b>	6.4	5.1
<b>Melayu</b> <i>Malay</i>	<b>Kematian</b> <i>Deaths</i>	<b>101,829</b>	57,224	44,605
	<b>Kadar kematian kasar</b> <i>Crude death rate</i>	<b>5.8</b>	6.4	5.1
<b>Bumiputera Lain</b> <i>Other Bumiputera</i>	<b>Kematian</b> <i>Deaths</i>	<b>21,067</b>	12,023	9,044
	<b>Kadar kematian kasar</b> <i>Crude death rate</i>	<b>5.7</b>	6.4	4.9
<b>Cina</b> <i>Chinese</i>	<b>Kematian</b> <i>Deaths</i>	<b>51,834</b>	29,955	21,879
	<b>Kadar kematian kasar</b> <i>Crude death rate</i>	<b>7.5</b>	8.6	6.5
<b>India</b> <i>Indians</i>	<b>Kematian</b> <i>Deaths</i>	<b>16,546</b>	9,691	6,855
	<b>Kadar kematian kasar</b> <i>Crude death rate</i>	<b>8.3</b>	9.6	6.9
<b>Lain-lain</b> <i>Others</i>	<b>Kematian</b> <i>Deaths</i>	<b>2,037</b>	1,173	864
	<b>Kadar kematian kasar</b> <i>Crude death rate</i>	<b>9.0</b>	9.6	8.2
<b>Bukan warganegara</b> <i>Non-citizen</i>	<b>Kematian</b> <i>Deaths</i>	<b>3,652</b>	<b>2,227</b>	<b>1,425</b>
	<b>Kadar kematian kasar</b> <i>Crude death rate</i>	<b>1.2</b>	1.1	1.6

**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, 2023**

Table 1.3: Deaths by age group and sex, Malaysia, 2023

<b>Kumpulan umur</b> <i>Age group</i>	<b>Jumlah</b> <i>Total</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Jumlah/ Total</b>	<b>196,965</b>	<b>112,293</b>	<b>84,672</b>
<b>Kurang 1 tahun/ Under 1 year</b>	<b>3,054</b>	1,746	1,308
<b>Kurang 1 hari/ Under 1 day</b>	<b>628</b>	367	261
<b>1 hari hingga &lt; 1 minggu/ 1 day to &lt; 1 week</b>	<b>782</b>	456	326
<b>1 minggu hingga &lt; 4 minggu/ 1 week to &lt; 4 weeks</b>	<b>531</b>	297	234
<b>4 minggu hingga &lt; 3 bulan/ 4 weeks to &lt; 3 months</b>	<b>448</b>	240	208
<b>3 bulan hingga &lt; 6 bulan/ 3 months to &lt; 6 months</b>	<b>361</b>	215	146
<b>6 bulan hingga &lt; 9 bulan/ 6 months to &lt; 9 months</b>	<b>185</b>	104	81
<b>9 bulan hingga &lt; 12 bulan/ 9 months to &lt; 12 months</b>	<b>119</b>	67	52
<b>1 tahun/ 1 year</b>	<b>138</b>	71	67
<b>2 tahun/ 2 years</b>	<b>220</b>	133	87
<b>3 tahun/ 3 years</b>	<b>136</b>	86	50
<b>4 tahun/ 4 years</b>	<b>215</b>	114	101
<b>0-4</b>	<b>3,763</b>	2,150	1,613
<b>5-9</b>	<b>474</b>	286	188
<b>10-14</b>	<b>696</b>	460	236
<b>15-19</b>	<b>1,605</b>	1,236	369
<b>20-24</b>	<b>1,975</b>	1,497	478
<b>25-29</b>	<b>2,340</b>	1,663	677
<b>30-34</b>	<b>3,070</b>	2,112	958
<b>35-39</b>	<b>4,495</b>	3,052	1,443
<b>40-44</b>	<b>6,282</b>	4,255	2,027
<b>45-49</b>	<b>8,177</b>	5,455	2,722
<b>50-54</b>	<b>11,092</b>	7,202	3,890
<b>55-59</b>	<b>15,331</b>	9,804	5,527
<b>60-64</b>	<b>19,453</b>	12,195	7,258
<b>65-69</b>	<b>23,024</b>	13,845	9,179
<b>70-74</b>	<b>24,516</b>	14,197	10,319
<b>75-79</b>	<b>23,450</b>	12,916	10,534
<b>80-84</b>	<b>21,211</b>	10,231	10,980
<b>85-89</b>	<b>16,179</b>	6,578	9,601
<b>90-94</b>	<b>7,150</b>	2,462	4,688
<b>95 dan lebih/ 95 and over</b>	<b>2,682</b>	697	1,985

**Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023**

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2023

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
<b>Malaysia</b>	<b>196,965</b>	<b>112,293</b>	<b>84,672</b>	<b>5.9</b>	<b>6.4</b>	<b>5.3</b>
<b>Johor</b>	<b>24,705</b>	<b>14,200</b>	<b>10,505</b>	<b>6.0</b>	<b>6.5</b>	<b>5.5</b>
Batu Pahat	3,413	1,878	1,535	6.8	7.1	6.4
Johor Bahru	8,363	4,898	3,465	4.7	5.2	4.2
Kluang	2,295	1,356	939	7.0	7.5	6.4
Kota Tinggi	1,749	1,026	723	7.6	8.4	6.7
Mersing	637	386	251	8.0	9.0	6.7
Muar	2,097	1,125	972	6.6	6.4	6.8
Pontian	1,522	880	642	8.7	9.3	7.9
Segamat	1,793	1,031	762	8.9	9.8	7.9
Kulai	1,691	989	702	5.0	5.4	4.5
Tangkak	1,145	631	514	6.9	7.2	6.4
<b>Kedah</b>	<b>16,643</b>	<b>9,301</b>	<b>7,342</b>	<b>7.6</b>	<b>8.3</b>	<b>6.8</b>
Baling	1,472	820	652	10.0	10.9	9.1
Bandar Baharu	402	235	167	8.9	10.2	7.6
Kota Setar	3,270	1,807	1,463	8.6	9.6	7.7
Kuala Muda	3,676	2,089	1,587	6.6	7.2	5.8
Kubang Pasu	1,873	1,052	821	7.4	8.5	6.4
Kulim	2,069	1,181	888	6.0	6.7	5.3
Langkawi	619	350	269	6.3	6.9	5.7
Padang Terap	595	325	270	8.9	9.3	8.4
Sik	599	331	268	8.6	9.4	7.9
Yan	538	285	253	7.2	7.5	7.0
Pendang	1,031	567	464	10.2	10.7	9.8
Pokok Sena	499	259	240	9.9	9.4	10.4
<b>Kelantan<sup>1</sup></b>	<b>11,839</b>	<b>6,514</b>	<b>5,325</b>	<b>6.4</b>	<b>7.0</b>	<b>5.8</b>
Bachok	1,048	607	441	6.4	7.7	5.2
Kota Bharu	3,601	1,979	1,622	6.3	6.9	5.6
Machang	762	398	364	6.6	6.9	6.3
Pasir Mas	1,571	861	710	6.6	7.2	6.1
Pasir Puteh	1,061	561	500	7.5	8.0	7.0
Tanah Merah	962	553	409	6.2	6.9	5.4
Tumpat	1,240	665	575	6.6	7.2	6.1
Gua Musang	496	304	192	4.6	5.3	3.9
Kuala Krai	739	400	339	6.8	7.3	6.2
Jeli	289	150	139	5.1	5.3	4.9
Kecil Lojing	70	36	34	6.3	6.3	6.3

Nota/ Note: <sup>1</sup> Jajahan

**Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2023 (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>
<b>Melaka</b>	<b>6,190</b>	<b>3,456</b>	<b>2,734</b>	<b>6.0</b>	<b>6.4</b>	<b>5.6</b>
Alor Gajah	1,571	861	710	6.1	6.5	5.7
Jasin	1,127	594	533	7.3	7.2	7.4
Melaka Tengah	3,492	2,001	1,491	5.7	6.1	5.1
<b>Negeri Sembilan</b>	<b>8,232</b>	<b>4,724</b>	<b>3,508</b>	<b>6.7</b>	<b>7.4</b>	<b>6.0</b>
Jelebu	380	235	145	8.0	9.0	6.8
Kuala Pilah	728	380	348	10.2	10.3	10.0
Port Dickson	892	520	372	6.7	7.4	6.0
Rembau	435	230	205	9.0	9.3	8.6
Seremban	3,913	2,235	1,678	5.5	6.2	4.9
Tampin	764	460	304	8.5	9.6	7.2
Jempol	1,120	664	456	8.7	10.0	7.3
<b>Pahang</b>	<b>10,508</b>	<b>6,082</b>	<b>4,426</b>	<b>6.4</b>	<b>7.0</b>	<b>5.7</b>
Bentong	835	480	355	7.0	7.1	6.9
Cameron Highlands	184	106	78	4.5	4.5	4.5
Jerantut	726	420	306	7.4	8.0	6.7
Kuantan	2,716	1,628	1,088	4.8	5.5	4.0
Lipis	624	337	287	6.2	6.3	6.2
Pekan	882	487	395	7.0	7.2	6.8
Raub	773	452	321	7.8	8.6	6.9
Temerloh	1,271	708	563	7.3	7.8	6.7
Rompin	802	471	331	7.9	8.6	7.1
Maran	950	532	418	8.1	8.7	7.5
Bera	745	461	284	7.4	8.6	6.1
<b>Perak</b>	<b>20,839</b>	<b>11,735</b>	<b>9,104</b>	<b>8.2</b>	<b>8.9</b>	<b>7.5</b>
Batang Padang	1,123	656	467	8.9	9.7	8.0
Manjung	1,763	992	771	7.0	7.3	6.6
Kinta	6,614	3,744	2,870	7.3	7.9	6.6
Kerian	1,619	878	741	9.6	10.1	9.0
Kuala Kangsar	1,656	905	751	9.3	10.0	8.6
Larut & Matang	2,747	1,553	1,194	10.0	10.9	9.0
Hilir Perak	1,389	793	596	9.8	10.6	8.9
Hulu Perak	812	463	349	8.4	9.2	7.5
Perak Tengah	869	475	394	8.9	9.4	8.4
Kampar	849	487	362	8.6	9.6	7.5
Muallim	407	247	160	5.2	6.6	3.9
Bagan Datuk	582	327	255	7.0	7.2	6.9
Selama	409	215	194	11.7	12.2	11.3

**Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2023 (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>
<b>Perlis</b>	<b>2,171</b>	<b>1,179</b>	<b>992</b>	<b>7.4</b>	<b>8.1</b>	<b>6.8</b>
<b>Pulau Pinang</b>	<b>12,304</b>	<b>6,851</b>	<b>5,453</b>	<b>6.9</b>	<b>7.5</b>	<b>6.3</b>
Seberang Perai Tengah	<b>2,740</b>	1,580	1,160	<b>6.3</b>	6.8	5.7
Seberang Perai Utara	<b>2,442</b>	1,406	1,036	<b>7.0</b>	8.0	6.1
Seberang Perai Selatan	<b>1,362</b>	775	587	<b>7.3</b>	8.2	6.3
Timur Laut	<b>4,293</b>	2,282	2,011	<b>7.6</b>	8.0	7.3
Barat Daya	<b>1,467</b>	808	659	<b>6.0</b>	6.6	5.4
<b>Sabah</b>	<b>16,610</b>	<b>9,680</b>	<b>6,930</b>	<b>4.6</b>	<b>5.2</b>	<b>4.0</b>
Tawau	<b>1,494</b>	881	613	<b>3.8</b>	4.3	3.2
Lahad Datu	<b>770</b>	451	319	<b>3.2</b>	3.5	2.8
Semporna	<b>791</b>	455	336	<b>4.3</b>	4.8	3.7
Sandakan	<b>1,714</b>	1,000	714	<b>3.6</b>	4.1	3.1
Kinabatangan	<b>244</b>	148	96	<b>1.6</b>	1.8	1.5
Beluran	<b>350</b>	203	147	<b>4.2</b>	4.5	3.8
Kota Kinabalu	<b>1,831</b>	1,094	737	<b>3.5</b>	4.0	2.9
Ranau	<b>550</b>	316	234	<b>6.3</b>	7.0	5.5
Kota Belud	<b>768</b>	410	358	<b>7.0</b>	7.4	6.6
Tuaran	<b>999</b>	595	404	<b>7.1</b>	8.4	5.9
Penampang	<b>731</b>	410	321	<b>4.4</b>	4.7	4.1
Papar	<b>1,051</b>	582	469	<b>6.8</b>	7.1	6.5
Kudat	<b>583</b>	356	227	<b>6.4</b>	7.7	5.1
Kota Marudu	<b>525</b>	301	224	<b>7.3</b>	8.1	6.3
Pitas	<b>398</b>	231	167	<b>10.5</b>	11.8	9.1
Beaufort	<b>661</b>	379	282	<b>8.6</b>	9.5	7.6
Kuala Penyu	<b>302</b>	174	128	<b>12.5</b>	14.3	10.7
Sipitang	<b>250</b>	126	124	<b>6.3</b>	6.1	6.6
Tenom	<b>391</b>	207	184	<b>7.4</b>	7.6	7.2
Nabawan	<b>150</b>	98	52	<b>5.0</b>	6.1	3.7
Keningau	<b>817</b>	497	320	<b>5.2</b>	6.2	4.2
Tambunan	<b>271</b>	159	112	<b>8.3</b>	9.6	6.9
Kunak	<b>250</b>	145	105	<b>3.3</b>	3.5	3.0
Tongod	<b>146</b>	95	51	<b>3.3</b>	4.0	2.5
Putatan	<b>346</b>	213	133	<b>4.9</b>	5.8	4.0
Telupid	<b>98</b>	77	21	<b>3.2</b>	4.7	1.5
Kalabakan	<b>129</b>	77	52	<b>2.4</b>	2.6	2.2



**Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2023 (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>
<b>Sarawak</b>	<b>16,158</b>	<b>9,211</b>	<b>6,947</b>	<b>6.5</b>	<b>7.1</b>	<b>5.7</b>
Kuching	3,428	2,032	1,396	5.5	6.5	4.5
Bau	415	246	169	7.7	8.9	6.5
Lundu	243	130	113	7.1	7.1	7.1
Samarahan	356	187	169	2.6	2.9	2.4
Serian	839	479	360	9.7	10.8	8.5
Simunjan	341	185	156	9.2	9.6	8.9
Sri Aman	518	275	243	8.5	8.7	8.2
Lubok Antu	265	163	102	10.8	13.1	8.4
Betong	347	184	163	9.4	9.6	9.2
Saratok	204	105	99	8.7	9.1	8.3
Sarikei	372	199	173	8.3	8.9	7.8
Maradong	254	134	120	12.3	13.0	11.6
Daro	143	76	67	7.2	7.1	7.3
Julau	153	79	74	9.9	10.3	9.4
Sibu	1,624	938	686	6.4	7.2	5.6
Dalat	211	115	96	9.8	10.3	9.2
Mukah	319	188	131	7.5	8.4	6.5
Kanowit	307	166	141	12.4	13.4	11.3
Bintulu	529	322	207	2.9	3.2	2.4
Tatau	159	86	73	5.0	4.9	5.0
Kapit	274	152	122	7.5	8.2	6.7
Song	152	80	72	14.9	16.1	13.8
Belaga	135	73	62	6.0	5.6	6.4
Miri	1,363	795	568	5.4	6.0	4.7
Marudi	181	103	78	9.7	10.4	8.9
Limbang	324	172	152	7.0	7.3	6.8
Lawas	256	157	99	6.8	8.2	5.4
Matu	149	77	72	9.0	8.6	9.5
Asajaya	252	136	116	7.3	7.7	6.8
Pakan	119	66	53	7.6	8.0	7.1
Selangau	200	115	85	9.9	11.0	8.7
Tebedu	195	104	91	7.6	8.0	7.2
Pusa	151	90	61	7.6	8.7	6.3
Kabong	209	108	101	11.1	11.4	10.8
Tanjung Manis	72	43	29	9.1	10.3	7.7
Sebauh	185	103	82	5.9	5.8	6.1
Bukit Mabong	139	86	53	13.2	13.4	12.8
Subis	441	263	178	7.9	8.5	7.1
Beluru	196	110	86	7.1	7.4	6.7
Telang Usan	138	89	49	7.9	9.6	6.0

**Jadual 1.4: Kematian (bilangan dan kadar) mengikut negeri, daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 1.4: Deaths (number and rate) by state, administrative district and sex, Malaysia, 2023 (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>
<b>Selangor</b>	<b>32,646</b>	<b>19,029</b>	<b>13,617</b>	<b>4.5</b>	<b>5.0</b>	<b>4.0</b>
Gombak	4,209	2,454	1,755	4.4	4.9	3.8
Klang	5,616	3,319	2,297	5.0	5.4	4.5
Kuala Langat	1,726	1,009	717	5.4	6.0	4.7
Kuala Selangor	1,593	956	637	5.4	6.4	4.5
Petaling	8,961	5,099	3,862	3.8	4.1	3.5
Sabak Bernam	1,137	621	516	10.4	10.9	9.9
Selangor	1,295	752	543	3.8	4.1	3.4
Ulu Langat	6,599	3,894	2,705	4.5	5.0	4.0
Ulu Selangor	1,510	925	585	6.0	6.9	5.0
<b>Terengganu</b>	<b>7,857</b>	<b>4,441</b>	<b>3,416</b>	<b>6.5</b>	<b>7.2</b>	<b>5.8</b>
Besut	1,165	669	496	7.2	8.1	6.2
Dungun	963	537	426	5.8	6.3	5.3
Kemaman	1,147	686	461	5.1	5.7	4.3
Kuala Terengganu	1,943	1,076	867	8.1	8.8	7.3
Marang	787	443	344	6.3	7.0	5.7
Hulu Terengganu	584	320	264	7.9	8.1	7.7
Setiu	447	253	194	7.1	7.9	6.3
Kuala Nerus	821	457	364	5.3	6.0	4.7
<b>W.P. Kuala Lumpur</b>	<b>9,646</b>	<b>5,531</b>	<b>4,115</b>	<b>4.8</b>	<b>5.2</b>	<b>4.4</b>
<b>W.P. Labuan</b>	<b>333</b>	<b>194</b>	<b>139</b>	<b>3.4</b>	<b>3.8</b>	<b>2.9</b>
<b>W.P. Putrajaya</b>	<b>284</b>	<b>165</b>	<b>119</b>	<b>2.4</b>	<b>2.8</b>	<b>2.0</b>

Kadar adalah bagi setiap 1,000 penduduk

The rates are per 1,000 population

**Jadual 1.5: Kematian mengikut klasifikasi, negeri dan jantina, Malaysia, 2023**

Table 1.5: Deaths by classification, state and sex, Malaysia, 2023

	Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>119,652</b>	<b>71,906</b>	<b>47,746</b>	<b>77,313</b>	<b>40,387</b>	<b>36,926</b>
Johor	15,357	9,357	6,000	9,348	4,843	4,505
Kedah	12,036	6,972	5,064	4,607	2,329	2,278
Kelantan	7,019	4,022	2,997	4,820	2,492	2,328
Melaka	3,551	2,129	1,422	2,639	1,327	1,312
Negeri Sembilan	5,250	3,186	2,064	2,982	1,538	1,444
Pahang	6,128	3,728	2,400	4,380	2,354	2,026
Perak	12,791	7,740	5,051	8,048	3,995	4,053
Perlis	1,334	768	566	837	411	426
Pulau Pinang	7,839	4,710	3,129	4,465	2,141	2,324
Sabah	8,009	4,886	3,123	8,601	4,794	3,807
Sarawak	7,786	4,696	3,090	8,372	4,515	3,857
Selangor	20,234	12,434	7,800	12,412	6,595	5,817
Terengganu	5,087	2,998	2,089	2,770	1,443	1,327
W.P. Kuala Lumpur	6,763	4,004	2,759	2,883	1,527	1,356
W.P. Labuan	206	124	82	127	70	57
W.P. Putrajaya	262	152	110	22	13	9

**Jadual 1.6: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 1.6: Ten principal causes of death (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Pneumonia</i>	18,181	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	32,758	42.4
2. <i>Ischaemic heart diseases</i>	18,121	15.1	Darah tinggi <i>Hypertension</i>	3,430	4.4
3. <i>Cerebrovascular diseases</i>	8,657	7.2	Kencing manis <i>Diabetes mellitus</i>	3,397	4.4
4. <i>Transport accidents</i>	4,244	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2,638	3.4
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2,373	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1,048	1.4
6. <i>Chronic lower respiratory diseases</i>	2,203	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,011	1.3
7. <i>Malignant neoplasm of colon, rectum and anus</i>	2,070	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	917	1.2
8. <i>Diabetes mellitus</i>	1,975	1.7	Lelah <i>Asthma</i>	885	1.1
9. <i>Hypertensive diseases</i>	1,738	1.5	Barah payudara <i>Breast cancer</i>	764	1.0
10. <i>Malignant neoplasm of breast</i>	1,681	1.4	Barah hati <i>Liver cancer</i>	669	0.9
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>119,652</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>77,313</b>	

**Jadual 1.6: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 1.6: Ten principal causes of death (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>		Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	12,648	17.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,674	36.3	
	2. <i>Pneumonia</i>	10,366	14.4	Kencing manis <i>Diabetes mellitus</i>	1,843	4.6	
	3. <i>Cerebrovascular diseases</i>	4,953	6.9	Darah tinggi <i>Hypertension</i>	1,824	4.5	
	4. <i>Transport accidents</i>	3,646	5.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,534	3.8	
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,581	2.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	761	1.9	
	6. <i>Chronic lower respiratory diseases</i>	1,505	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	634	1.6	
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	1,161	1.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	589	1.5	
	8. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	1,113	1.5	Lelah <i>Asthma</i>	558	1.4	
	9. <i>Diseases of the liver</i>	1,028	1.4	Barah hati <i>Liver cancer</i>	476	1.2	
	10. <i>Hypertensive diseases</i>	1,007	1.4	Radang paru-paru <i>Pneumonia</i>	325	0.8	
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>71,906</b>		<b>Keseluruhan sebab</b> <i>All causes</i>		<b>40,387</b>	
Perempuan/ Female	1. <i>Pneumonia</i>	7,815	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,084	49.0	
	2. <i>Ischaemic heart diseases</i>	5,473	11.5	Darah tinggi <i>Hypertension</i>	1,606	4.3	
	3. <i>Cerebrovascular diseases</i>	3,704	7.8	Kencing manis <i>Diabetes mellitus</i>	1,554	4.2	
	4. <i>Malignant neoplasm of breast</i>	1,673	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,104	3.0	
	5. <i>Diabetes mellitus</i>	996	2.1	Barah payudara <i>Breast cancer</i>	760	2.1	
	6. <i>Malignant neoplasm of colon, rectum and anus</i>	909	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	414	1.1	
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	792	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	328	0.9	
	8. <i>Hypertensive diseases</i>	731	1.5	Lelah <i>Asthma</i>	327	0.9	
	9. <i>Chronic lower respiratory diseases</i>	698	1.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	250	0.7	
	10. <i>Transport accidents</i>	598	1.3	Radang paru-paru <i>Pneumonia</i>	223	0.6	
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>47,746</b>		<b>Keseluruhan sebab</b> <i>All causes</i>		<b>36,926</b>	

**Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2023**

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2023

<b>Bandar/ Urban</b>					
<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
1. <i>Ischaemic heart diseases</i>	12,492	15.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	21,767	43.5
2. <i>Pneumonia</i>	12,418	15.3	Darah tinggi <i>Hypertension</i>	2,536	5.1
3. <i>Cerebrovascular diseases</i>	5,652	6.9	Kencing manis <i>Diabetes mellitus</i>	2,417	4.8
4. <i>Transport accidents</i>	2,695	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,821	3.6
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,689	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	795	1.6
6. <i>Malignant neoplasm of colon, rectum and anus</i>	1,557	1.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	748	1.5
7. <i>Malignant neoplasm of breast</i>	1,248	1.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	606	1.2
8. <i>Chronic lower respiratory diseases</i>	1,243	1.5	Barah payudara <i>Breast cancer</i>	584	1.2
9. <i>Diabetes mellitus</i>	1,210	1.5	Lelah <i>Asthma</i>	535	1.1
10. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	1,092	1.3	Barah hati <i>Liver cancer</i>	524	1.0
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>81,389</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>50,090</b>	

**Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2023 (samb.)**

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2023 (cont'd)

Bandar/ Urban						
	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Lelaki/ Male	1. Ischaemic heart diseases	8,866	18.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	9,742	37.0
	2. Pneumonia	7,119	14.5	Darah tinggi <i>Hypertension</i>	1,382	5.3
	3. Cerebrovascular diseases	3,289	6.7	Kencing manis <i>Diabetes mellitus</i>	1,330	5.1
	4. Transport accidents	2,339	4.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,054	4.0
	5. Malignant neoplasm of trachea, bronchus and lung	1,109	2.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	483	1.8
	6. Malignant neoplasm of colon, rectum and anus	884	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	471	1.8
	7. Chronic lower respiratory diseases	859	1.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	468	1.8
	8. Malignant neoplasm of liver and intrahepatic bile ducts	802	1.6	Barah hati <i>Liver cancer</i>	380	1.4
	9. Diseases of the liver	718	1.5	Lelah <i>Asthma</i>	334	1.3
	10. Intentional self-harm	712	1.4	Radang paru-paru <i>Pneumonia</i>	222	0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>49,115</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>26,319</b>	
Perempuan/ Female	1. Pneumonia	5,299	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	12,025	50.6
	2. Ischaemic heart diseases	3,626	11.2	Darah tinggi <i>Hypertension</i>	1,154	4.9
	3. Cerebrovascular diseases	2,363	7.3	Kencing manis <i>Diabetes mellitus</i>	1,087	4.6
	4. Malignant neoplasm of breast	1,242	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	767	3.2
	5. Malignant neoplasm of colon, rectum and anus	673	2.1	Barah payudara <i>Breast cancer</i>	580	2.4
	6. Malignant neoplasm of trachea, bronchus and lung	580	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	312	1.3
	7. Diabetes mellitus	580	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	277	1.2
	8. Hypertensive diseases	419	1.3	Lelah <i>Asthma</i>	201	0.8
	9. Chronic lower respiratory diseases	384	1.2	Radang paru-paru <i>Pneumonia</i>	145	0.6
	10. Transport accidents	356	1.1	Barah hati <i>Liver cancer</i>	144	0.6
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>32,274</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>23,771</b>	

**Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2023 (samb.)**

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2023 (cont'd)

Luar Bandar/ Rural					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Pneumonia</i>	5,763	15.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	10,991	40.4
2. <i>Ischaemic heart diseases</i>	5,629	14.7	Kencing manis <i>Diabetes mellitus</i>	980	3.6
3. <i>Cerebrovascular diseases</i>	3,005	7.9	Darah tinggi <i>Hypertension</i>	894	3.3
4. <i>Transport accidents</i>	1,549	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	817	3.0
5. <i>Chronic lower respiratory diseases</i>	960	2.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	405	1.5
6. <i>Diabetes mellitus</i>	765	2.0	Lelah <i>Asthma</i>	350	1.3
7. <i>Hypertensive diseases</i>	688	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	253	0.9
8. <i>Malignant neoplasm of trachea, bronchus and lung</i>	684	1.8	Radang paru-paru <i>Pneumonia</i>	181	0.7
9. <i>Malignant neoplasm of colon, rectum and anus</i>	513	1.3	Barah payudara <i>Breast cancer</i>	180	0.7
10. <i>Diseases of the liver</i>	453	1.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	169	0.6
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>38,263</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>27,223</b>	



**Jadual 1.7: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut strata dan jantina, Malaysia, 2023 (samb.)**

Table 1.7: Ten principal causes of death (medically certified and non-medically certified) by stratum and sex, Malaysia, 2023 (cont'd)

Luar Bandar/ Rural					
Disahkan secara perubatan <i>Medically certified</i>		Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	
				Bil. No.	%
Lelaki/ Male	1. Ischaemic heart diseases	3,782	16.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4,932 35.1
	2. Pneumonia	3,247	14.2	Kencing manis <i>Diabetes mellitus</i>	513 3.6
	3. Cerebrovascular diseases	1,664	7.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	480 3.4
	4. Transport accidents	1,307	5.7	Darah tinggi <i>Hypertension</i>	442 3.1
	5. Chronic lower respiratory diseases	646	2.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	293 2.1
	6. Malignant neoplasm of trachea, bronchus and lung	472	2.1	Lelah <i>Asthma</i>	224 1.6
	7. Hypertensive diseases	376	1.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	151 1.1
	8. Diabetes mellitus	349	1.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	118 0.8
	9. Malignant neoplasm of liver and intrahepatic bile ducts	311	1.4	Radang paru-paru <i>Pneumonia</i>	103 0.7
	10. Diseases of the liver	310	1.4	Barah hati <i>Liver cancer</i>	96 0.7
<b>Keseluruhan sebab <i>All causes</i></b>		<b>22,791</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>14,068</b>
Perempuan/ Female	1. Pneumonia	2,516	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6,059 46.1
	2. Ischaemic heart diseases	1,847	11.9	Kencing manis <i>Diabetes mellitus</i>	467 3.5
	3. Cerebrovascular diseases	1,341	8.7	Darah tinggi <i>Hypertension</i>	452 3.4
	4. Malignant neoplasm of breast	431	2.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	337 2.6
	5. Diabetes mellitus	416	2.7	Barah payudara <i>Breast cancer</i>	180 1.4
	6. Chronic lower respiratory diseases	314	2.0	Lelah <i>Asthma</i>	126 1.0
	7. Hypertensive diseases	312	2.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	112 0.9
	8. Transport accidents	242	1.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	102 0.8
	9. Malignant neoplasm of colon, rectum and anus	236	1.5	Radang paru-paru <i>Pneumonia</i>	78 0.6
	10. Malignant neoplasm of trachea, bronchus and lung	212	1.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	51 0.4
<b>Keseluruhan sebab <i>All causes</i></b>		<b>15,472</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>13,155</b>

**Jadual 1.8: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kewarganegaraan, Malaysia, 2023**

Table 1.8: Ten principal causes of death (medically certified and non-medically certified) by citizenship, Malaysia, 2023

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Warganegara/ Citizen</b>	1. <i>Pneumonia</i>	17,887	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	32,047 42.3
	2. <i>Ischaemic heart diseases</i>	17,869	15.2	Darah tinggi <i>Hypertension</i>	3,359 4.4
	3. <i>Cerebrovascular diseases</i>	8,515	7.2	Kencing manis <i>Diabetes mellitus</i>	3,322 4.4
	4. <i>Transport accidents</i>	4,208	3.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2,575 3.4
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2,335	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1,033 1.4
	6. <i>Chronic lower respiratory diseases</i>	2,165	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,000 1.3
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	2,049	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	899 1.2
	8. <i>Diabetes mellitus</i>	1,952	1.7	Lelah <i>Asthma</i>	863 1.1
	9. <i>Hypertensive diseases</i>	1,708	1.5	Barah payudara <i>Breast cancer</i>	753 1.0
	10. <i>Malignant neoplasm of breast</i>	1,670	1.4	Barah hati <i>Liver cancer</i>	652 0.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>117,586</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>75,727</b>
<b>Bukan Warganegara/ Non-citizen</b>	1. <i>Intentional self-harm</i>	297	14.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	711 44.8
	2. <i>Pneumonia</i>	294	14.2	Kencing manis <i>Diabetes mellitus</i>	75 4.7
	3. <i>Ischaemic heart diseases</i>	252	12.2	Darah tinggi <i>Hypertension</i>	71 4.5
	4. <i>Cerebrovascular diseases</i>	142	6.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	63 4.0
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	38	1.8	Lelah <i>Asthma</i>	22 1.4
	6. <i>Chronic lower respiratory diseases</i>	38	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	18 1.1
	7. <i>Transport accidents</i>	36	1.7	Barah hati <i>Liver cancer</i>	17 1.1
	8. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	31	1.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	15 0.9
	9. <i>Hypertensive diseases</i>	30	1.5	Barah payudara <i>Breast cancer</i>	11 0.7
	10. <i>Diseases of the liver</i>	24	1.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	11 0.7
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,066</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,586</b>

**Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2023**

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2023

	Disahkan secara perubatan <i>Medically certified</i>			Tidak disahkan secara perubatan <i>Non-medically certified</i>		
	Bil. No.	%	Bil. No.	%		
Melayu/ Malay	1. Ischaemic heart diseases	10,357	16.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,007	43.4
	2. Pneumonia	9,954	15.3	Kencing manis <i>Diabetes mellitus</i>	2,264	6.1
	3. Cerebrovascular diseases	5,116	7.9	Darah tinggi <i>Hypertension</i>	2,075	5.6
	4. Transport accidents	2,752	4.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,713	4.6
	5. Diabetes mellitus	1,313	2.0	Lelah <i>Asthma</i>	678	1.8
	6. Chronic lower respiratory diseases	1,285	2.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	646	1.7
	7. Malignant neoplasm of trachea, bronchus and lung	1,075	1.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	531	1.4
	8. Malignant neoplasm of breast	938	1.4	Barah payudara <i>Breast cancer</i>	440	1.2
	9. Hypertensive diseases	916	1.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	375	1.0
	10. Malignant neoplasm of colon, rectum and anus	875	1.3	Barah hati <i>Liver cancer</i>	323	0.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>64,914</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>36,915</b>	
Bumiputera Lain/ Other Bumiputera	1. Pneumonia	1,255	12.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,629	15.1
	2. Ischaemic heart diseases	824	8.0	Darah tinggi <i>Hypertension</i>	137	1.3
	3. Cerebrovascular diseases	707	6.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	129	1.2
	4. Chronic lower respiratory diseases	316	3.1	Kencing manis <i>Diabetes mellitus</i>	70	0.7
	5. Transport accidents	298	2.9	Lelah <i>Asthma</i>	53	0.5
	6. Hypertensive diseases	253	2.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	49	0.5
	7. Malignant neoplasm of trachea, bronchus and lung	246	2.4	Radang paru-paru <i>Pneumonia</i>	39	0.4
	8. Malignant neoplasm of colon, rectum and anus	178	1.7	Tibi/Batuk kering <i>Tuberculosis</i>	25	0.2
	9. Diseases of the liver	149	1.4	Barah hati <i>Liver cancer</i>	24	0.2
	10. Respiratory tuberculosis	133	1.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	24	0.2
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>10,306</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>10,761</b>	

**Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2023 (samb.)**

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2023 (con't)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> No.	<b>%</b>	<b>Bil.</b> No.	<b>%</b>
<b>Bumiputera</b>	1. <i>Pneumonia</i>	11,209	14.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,636 37.0
	2. <i>Ischaemic heart diseases</i>	11,181	14.9	Kencing manis <i>Diabetes mellitus</i>	2,334 4.9
	3. <i>Cerebrovascular diseases</i>	5,823	7.7	Darah tinggi <i>Hypertension</i>	2,212 4.6
	4. <i>Transport accidents</i>	3,050	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,842 3.9
	5. <i>Chronic lower respiratory diseases</i>	1,601	2.1	Lelah <i>Asthma</i>	731 1.5
	6. <i>Diabetes mellitus</i>	1,407	1.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	695 1.5
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,321	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	555 1.2
	8. <i>Hypertensive diseases</i>	1,169	1.6	Barah payudara <i>Breast cancer</i>	453 1.0
	9. <i>Malignant neoplasm of breast</i>	1,055	1.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	392 0.8
	10. <i>Malignant neoplasm of colon, rectum and anus</i>	1,053	1.4	Radang paru-paru <i>Pneumonia</i>	355 0.7
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>75,220</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>47,676</b>
<b>Cina/ Chinese</b>	1. <i>Pneumonia</i>	4,887	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	11,895 53.8
	2. <i>Ischaemic heart diseases</i>	4,161	14.0	Darah tinggi <i>Hypertension</i>	818 3.7
	3. <i>Cerebrovascular diseases</i>	1,994	6.7	Kencing manis <i>Diabetes mellitus</i>	546 2.5
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	903	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	483 2.2
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	854	2.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	444 2.0
	6. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	577	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	397 1.8
	7. <i>Transport accidents</i>	562	1.9	Barah hati <i>Liver cancer</i>	267 1.2
	8. <i>Malignant neoplasm of breast</i>	454	1.5	Barah payudara <i>Breast cancer</i>	232 1.0
	9. <i>Hypertensive diseases</i>	397	1.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	199 0.9
	10. <i>Chronic lower respiratory diseases</i>	391	1.3	Radang paru-paru <i>Pneumonia</i>	143 0.6
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>29,733</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>22,101</b>

**Jadual 1.9: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut kumpulan etnik, Malaysia, 2023 (samb.)**

Table 1.9: Ten principal causes of death (medically certified and non-medically certified) by ethnic group, Malaysia, 2023 (con't)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> No.	<b>%</b>	<b>Bil.</b> No.	<b>%</b>
<b>India/ Indians</b>	1. <i>Ischaemic heart diseases</i>	2,351	20.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,234 43.7
	2. <i>Pneumonia</i>	1,636	14.3	Kencing manis <i>Diabetes mellitus</i>	407 8.0
	3. <i>Cerebrovascular diseases</i>	623	5.4	Darah tinggi <i>Hypertension</i>	282 5.5
	4. <i>Transport accidents</i>	532	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	230 4.5
	5. <i>Diseases of the liver</i>	310	2.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	96 1.9
	6. <i>Intentional self-harm</i>	214	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	72 1.4
	7. <i>Diabetes mellitus</i>	193	1.7	Barah payudara <i>Breast cancer</i>	64 1.3
	8. <i>Chronic lower respiratory diseases</i>	154	1.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	55 1.1
	9. <i>Malignant neoplasm of breast</i>	145	1.3	Lelah <i>Asthma</i>	54 1.1
	10. <i>Hypertensive diseases</i>	124	1.1	Penyakit hati <i>Liver disease</i>	33 0.6
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>11,439</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5,107</b>
<b>Lain-lain<sup>1</sup> / Others<sup>1</sup></b>	1. <i>Pneumonia</i>	449	13.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	993 40.9
	2. <i>Ischaemic heart diseases</i>	428	13.1	Darah tinggi <i>Hypertension</i>	118 4.9
	3. <i>Intentional self-harm</i>	313	9.6	Kencing manis <i>Diabetes mellitus</i>	110 4.5
	4. <i>Cerebrovascular diseases</i>	217	6.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	83 3.4
	5. <i>Transport accidents</i>	100	3.1	Lelah <i>Asthma</i>	29 1.2
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	58	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	26 1.1
	7. <i>Chronic lower respiratory diseases</i>	57	1.7	Barah hati <i>Liver cancer</i>	25 1.0
	8. <i>Hypertensive diseases</i>	48	1.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	24 1.0
	9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	47	1.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	21 0.9
	10. <i>Malignant neoplasm of colon, rectum and anus</i>	43	1.3	Radang paru-paru <i>Pneumonia</i>	20 0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>3,260</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,429</b>

**Nota/ Note :** <sup>1</sup> Lain-lain adalah termasuk Bukan Warganegara

<sup>1</sup> Others are include Non-citizen

**Jadual 1.10: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Johor, 2023**

Table 1.10: Ten principal causes of death (medically certified and non-medically certified) by sex, Johor, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	2,553	16.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,392	57.7
2. <i>Pneumonia</i>	2,451	16.0	Darah tinggi <i>Hypertension</i>	426	4.6
3. <i>Cerebrovascular diseases</i>	1,069	7.0	Kencing manis <i>Diabetes mellitus</i>	335	3.6
4. <i>Transport accidents</i>	612	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	234	2.5
5. <i>Malignant neoplasm of colon, rectum and anus</i>	274	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	162	1.7
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	273	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	155	1.7
7. <i>Hypertensive diseases</i>	260	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	127	1.4
8. <i>Chronic lower respiratory diseases</i>	246	1.6	Barah payudara <i>Breast cancer</i>	117	1.3
9. <i>Malignant neoplasm of breast</i>	223	1.5	Barah hati <i>Liver cancer</i>	87	0.9
10. <i>Diabetes mellitus</i>	194	1.3	Lelah <i>Asthma</i>	73	0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>15,357</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>9,348</b>

**Jadual 1.10: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Johor, 2023 (samb.)**

Table 1.10: Ten principal causes of death (medically certified and non-medically certified) by sex, Johor, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	1,784	19.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,490 51.4
	2. <i>Pneumonia</i>	1,427	15.3	Darah tinggi <i>Hypertension</i>	256 5.3
	3. <i>Cerebrovascular diseases</i>	606	6.5	Kencing manis <i>Diabetes mellitus</i>	187 3.9
	4. <i>Transport accidents</i>	516	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	151 3.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	195	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	116 2.4
	6. <i>Chronic lower respiratory diseases</i>	176	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	103 2.1
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	159	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	90 1.9
	8. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	146	1.6	Barah hati <i>Liver cancer</i>	55 1.1
	9. <i>Hypertensive diseases</i>	142	1.5	Lelah <i>Asthma</i>	47 1.0
	10. <i>Intentional self-harm</i>	103	1.1	Radang paru-paru <i>Pneumonia</i>	29 0.6
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>9,357</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,843</b>
Perempuan/ Female	1. <i>Pneumonia</i>	1,024	17.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,902 64.4
	2. <i>Ischaemic heart diseases</i>	769	12.8	Darah tinggi <i>Hypertension</i>	170 3.8
	3. <i>Cerebrovascular diseases</i>	463	7.7	Kencing manis <i>Diabetes mellitus</i>	148 3.3
	4. <i>Malignant neoplasm of breast</i>	222	3.7	Barah payudara <i>Breast cancer</i>	116 2.6
	5. <i>Hypertensive diseases</i>	118	2.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	83 1.8
	6. <i>Malignant neoplasm of colon, rectum and anus</i>	115	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	52 1.2
	7. <i>Diabetes mellitus</i>	96	1.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	46 1.0
	8. <i>Transport accidents</i>	96	1.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	37 0.8
	9. <i>Malignant neoplasm of trachea, bronchus and lung</i>	78	1.3	Barah hati <i>Liver cancer</i>	32 0.7
	10. <i>Chronic lower respiratory diseases</i>	70	1.2	Lelah <i>Asthma</i>	26 0.6
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>6,000</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,505</b>

**Jadual 1.11: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kedah, 2023**

Table 1.11: Ten principal causes of death (medically certified and non-medically certified) by sex, Kedah, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	2,278	18.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,184	47.4
2. <i>Pneumonia</i>	2,157	17.9	Kencing manis <i>Diabetes mellitus</i>	335	7.3
3. <i>Cerebrovascular diseases</i>	1,090	9.1	Darah tinggi <i>Hypertension</i>	271	5.9
4. <i>Transport accidents</i>	469	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	234	5.1
5. <i>Diabetes mellitus</i>	370	3.1	Lelah <i>Asthma</i>	146	3.2
6. <i>Chronic lower respiratory diseases</i>	312	2.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	69	1.5
7. <i>Hypertensive diseases</i>	193	1.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	60	1.3
8. <i>Malignant neoplasm of trachea, bronchus and lung</i>	172	1.4	Barah payudara <i>Breast cancer</i>	51	1.1
9. <i>Malignant neoplasm of colon, rectum and anus</i>	162	1.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	49	1.1
10. <i>Malignant neoplasm of breast</i>	148	1.2	Radang paru-paru <i>Pneumonia</i>	49	1.1
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12,036</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,607</b>	



**Jadual 1.11: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kedah, 2023 (samb.)**

Table 1.11: Ten principal causes of death (medically certified and non-medically certified) by sex, Kedah, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	1,496	21.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	939 40.3
	2. <i>Pneumonia</i>	1,148	16.5	Kencing manis <i>Diabetes mellitus</i>	184 7.9
	3. <i>Cerebrovascular diseases</i>	606	8.7	Darah tinggi <i>Hypertension</i>	136 5.8
	4. <i>Transport accidents</i>	396	5.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	129 5.5
	5. <i>Chronic lower respiratory diseases</i>	207	3.0	Lelah <i>Asthma</i>	88 3.8
	6. <i>Diabetes mellitus</i>	185	2.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	57 2.4
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	106	1.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	32 1.4
	8. <i>Hypertensive diseases</i>	96	1.4	Radang paru-paru <i>Pneumonia</i>	29 1.2
	9. <i>Diseases of the liver</i>	82	1.2	Barah hati <i>Liver cancer</i>	28 1.2
	10. <i>Malignant neoplasm of colon, rectum and anus</i>	79	1.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	28 1.2
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>6,972</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,329</b>
Perempuan/ Female	1. <i>Pneumonia</i>	1,009	19.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,245 54.7
	2. <i>Ischaemic heart diseases</i>	782	15.4	Kencing manis <i>Diabetes mellitus</i>	151 6.6
	3. <i>Cerebrovascular diseases</i>	484	9.6	Darah tinggi <i>Hypertension</i>	135 5.9
	4. <i>Diabetes mellitus</i>	185	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	105 4.6
	5. <i>Malignant neoplasm of breast</i>	148	2.9	Lelah <i>Asthma</i>	58 2.5
	6. <i>Chronic lower respiratory diseases</i>	105	2.1	Barah payudara <i>Breast cancer</i>	51 2.2
	7. <i>Hypertensive diseases</i>	97	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	28 1.2
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	83	1.6	Barah rahim <i>Uterus cancer</i>	21 0.9
	9. <i>Transport accidents</i>	73	1.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	21 0.9
	10. <i>Malignant neoplasm of trachea, bronchus and lung</i>	66	1.3	Radang paru-paru <i>Pneumonia</i>	20 0.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>5,064</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,278</b>

**Jadual 1.12: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kelantan, 2023**

Table 1.12: Ten principal causes of death (medically certified and non-medically certified) by sex, Kelantan, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	1,299	18.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,712	35.5
2. <i>Pneumonia</i>	1,160	16.5	Darah tinggi <i>Hypertension</i>	415	8.6
3. <i>Cerebrovascular diseases</i>	536	7.6	Kencing manis <i>Diabetes mellitus</i>	397	8.2
4. <i>Transport accidents</i>	206	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	396	8.2
5. <i>Chronic lower respiratory diseases</i>	123	1.8	Lelah <i>Asthma</i>	170	3.5
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	117	1.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	78	1.6
7. <i>Diabetes mellitus</i>	108	1.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	59	1.2
8. <i>Malignant neoplasm of colon, rectum and anus</i>	81	1.2	Radang paru-paru <i>Pneumonia</i>	59	1.2
9. <i>Diseases of the liver</i>	77	1.1	Barah payudara <i>Breast cancer</i>	44	0.9
10. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	73	1.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	39	0.8
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7,019</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,820</b>	

**Jadual 1.12: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Kelantan, 2023 (samb.)**

Table 1.12: Ten principal causes of death (medically certified and non-medically certified) by sex, Kelantan, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	836	20.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	792 31.8
	2. <i>Pneumonia</i>	624	15.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	227 9.1
	3. <i>Cerebrovascular diseases</i>	282	7.0	Kencing manis <i>Diabetes mellitus</i>	191 7.7
	4. <i>Transport accidents</i>	176	4.4	Darah tinggi <i>Hypertension</i>	171 6.9
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	82	2.0	Lelah <i>Asthma</i>	106 4.3
	6. <i>Chronic lower respiratory diseases</i>	81	2.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	64 2.6
	7. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	50	1.2	Radang paru-paru <i>Pneumonia</i>	33 1.3
	8. <i>Diseases of the liver</i>	48	1.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	32 1.3
	9. <i>Malignant neoplasm of colon, rectum and anus</i>	47	1.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	29 1.2
	10. <i>Diabetes mellitus</i>	41	1.0	Barah hati <i>Liver cancer</i>	28 1.1
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>4,022</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,492</b>
Perempuan/ Female	1. <i>Pneumonia</i>	536	17.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	920 39.5
	2. <i>Ischaemic heart diseases</i>	463	15.4	Darah tinggi <i>Hypertension</i>	244 10.5
	3. <i>Cerebrovascular diseases</i>	254	8.5	Kencing manis <i>Diabetes mellitus</i>	206 8.8
	4. <i>Malignant neoplasm of breast</i>	70	2.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	169 7.3
	5. <i>Diabetes mellitus</i>	67	2.2	Lelah <i>Asthma</i>	64 2.7
	6. <i>Chronic lower respiratory diseases</i>	42	1.4	Barah payudara <i>Breast cancer</i>	44 1.9
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	35	1.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	27 1.2
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	34	1.1	Radang paru-paru <i>Pneumonia</i>	26 1.1
	9. <i>Hypertensive diseases</i>	34	1.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	14 0.6
	10. <i>Transport accidents</i>	30	1.0	Barah rahim <i>Uterus cancer</i>	11 0.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,997</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,328</b>

**Jadual 1.13: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Melaka, 2023**

Table 1.13: Ten principal causes of death (medically certified and non-medically certified) by sex, Melaka, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil.		Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil.	
	No.	%		No.	%
1. <i>Ischaemic heart diseases</i>	628	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,328	50.3
2. <i>Pneumonia</i>	409	11.5	Kencing manis <i>Diabetes mellitus</i>	176	6.7
3. <i>Cerebrovascular diseases</i>	244	6.9	Darah tinggi <i>Hypertension</i>	140	5.3
4. <i>Transport accidents</i>	143	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	96	3.6
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	80	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	52	2.0
6. <i>Chronic lower respiratory diseases</i>	68	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	51	1.9
7. <i>Diseases of the liver</i>	50	1.4	Barah hati <i>Liver cancer</i>	39	1.5
8. <i>Malignant neoplasm of colon, rectum and anus</i>	48	1.4	Barah payudara <i>Breast cancer</i>	34	1.3
9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	48	1.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	30	1.1
10. <i>Malignant neoplasm of breast</i>	46	1.3	Lelah <i>Asthma</i>	20	0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>3,551</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,639</b>

**Jadual 1.13: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Melaka, 2023 (samb.)**

Table 1.13: Ten principal causes of death (medically certified and non-medically certified) by sex, Melaka, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	428	20.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	567 42.7
	2. <i>Pneumonia</i>	233	10.9	Kencing manis <i>Diabetes mellitus</i>	95 7.2
	3. <i>Cerebrovascular diseases</i>	128	6.0	Darah tinggi <i>Hypertension</i>	92 6.9
	4. <i>Transport accidents</i>	122	5.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	57 4.3
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	64	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	30 2.3
	6. <i>Chronic lower respiratory diseases</i>	55	2.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	30 2.3
	7. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	36	1.7	Barah hati <i>Liver cancer</i>	29 2.2
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	28	1.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	22 1.7
	9. <i>Diseases of the liver</i>	27	1.3	Lelah <i>Asthma</i>	11 0.8
	10. <i>COVID-19 infection (due to)</i>	20	0.9	Barah perut <i>Stomach cancer</i>	11 0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,129</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,327</b>
Perempuan/ Female	1. <i>Ischaemic heart diseases</i>	200	14.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	761 58.0
	2. <i>Pneumonia</i>	176	12.4	Kencing manis <i>Diabetes mellitus</i>	81 6.2
	3. <i>Cerebrovascular diseases</i>	116	8.2	Darah tinggi <i>Hypertension</i>	48 3.7
	4. <i>Malignant neoplasm of breast</i>	46	3.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	39 3.0
	5. <i>Diseases of the liver</i>	23	1.6	Barah payudara <i>Breast cancer</i>	34 2.6
	6. <i>Transport accidents</i>	21	1.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	22 1.7
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	20	1.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	21 1.6
	8. <i>Malignant neoplasm of trachea, bronchus and lung</i>	16	1.1	Barah ovari <i>Ovary cancer</i>	12 0.9
	9. <i>Hypertensive diseases</i>	14	1.0	Radang paru-paru <i>Pneumonia</i>	12 0.9
	10. <i>Chronic lower respiratory diseases</i>	13	0.9	Barah rahim <i>Uterus cancer</i>	11 0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>1,422</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,312</b>

**Jadual 1.14: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Negeri Sembilan, 2023**

Table 1.14: Ten principal causes of death (medically certified and non-medically certified) by sex, Negeri Sembilan, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Ischaemic heart diseases</i>	765	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,657	55.6
2. <i>Pneumonia</i>	655	12.5	Kencing manis <i>Diabetes mellitus</i>	135	4.5
3. <i>Cerebrovascular diseases</i>	378	7.2	Darah tinggi <i>Hypertension</i>	97	3.3
4. <i>Transport accidents</i>	249	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	73	2.4
5. <i>Chronic lower respiratory diseases</i>	118	2.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	60	2.0
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	110	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	53	1.8
7. <i>Diabetes mellitus</i>	104	2.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	46	1.5
8. <i>Diseases of the liver</i>	95	1.8	Barah hati <i>Liver cancer</i>	43	1.4
9. <i>Malignant neoplasm of breast</i>	81	1.5	Barah payudara <i>Breast cancer</i>	40	1.3
10. <i>Malignant neoplasm of colon, rectum and anus</i>	80	1.5	Lelah <i>Asthma</i>	30	1.0
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>5,250</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,982</b>

**Jadual 1.14: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Negeri Sembilan, 2023 (samb.)**

Table 1.14: Ten principal causes of death (medically certified and non-medically certified) by sex, Negeri Sembilan, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	534	16.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	751 48.8
	2. <i>Pneumonia</i>	364	11.4	Kencing manis <i>Diabetes mellitus</i>	84 5.5
	3. <i>Cerebrovascular diseases</i>	219	6.9	Darah tinggi <i>Hypertension</i>	51 3.3
	4. <i>Transport accidents</i>	216	6.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	44 2.9
	5. <i>Chronic lower respiratory diseases</i>	76	2.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	41 2.7
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	72	2.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	40 2.6
	7. <i>Diseases of the liver</i>	68	2.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	35 2.3
	8. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	60	1.9	Barah hati <i>Liver cancer</i>	31 2.0
	9. <i>Diabetes mellitus</i>	52	1.6	Lelah <i>Asthma</i>	19 1.2
	10. <i>Intentional self-harm</i>	46	1.4	Radang paru-paru <i>Pneumonia</i>	16 1.0
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>3,186</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,538</b>
Perempuan/ Female	1. <i>Pneumonia</i>	291	14.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	906 62.7
	2. <i>Ischaemic heart diseases</i>	231	11.2	Kencing manis <i>Diabetes mellitus</i>	51 3.5
	3. <i>Cerebrovascular diseases</i>	159	7.7	Darah tinggi <i>Hypertension</i>	46 3.2
	4. <i>Malignant neoplasm of breast</i>	80	3.9	Barah payudara <i>Breast cancer</i>	40 2.8
	5. <i>Diabetes mellitus</i>	52	2.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	29 2.0
	6. <i>Chronic lower respiratory diseases</i>	42	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	19 1.3
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	38	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	13 0.9
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	37	1.8	Barah hati <i>Liver cancer</i>	12 0.8
	9. <i>Transport accidents</i>	33	1.6	Lelah <i>Asthma</i>	11 0.8
	10. <i>Diseases of the liver</i>	27	1.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	11 0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,064</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,444</b>

**Jadual 1.15: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pahang, 2023**

Table 1.15: Ten principal causes of death (medically certified and non-medically certified) by sex, Pahang, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil.		Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil.	
	No.	%		No.	%
1. <i>Pneumonia</i>	999	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,970	45.0
2. <i>Ischaemic heart diseases</i>	896	14.6	Kencing manis <i>Diabetes mellitus</i>	239	5.5
3. <i>Cerebrovascular diseases</i>	444	7.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	236	5.4
4. <i>Transport accidents</i>	300	4.9	Darah tinggi <i>Hypertension</i>	203	4.6
5. <i>Chronic lower respiratory diseases</i>	114	1.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	165	3.8
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	108	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	77	1.8
7. <i>Diabetes mellitus</i>	106	1.7	Lelah <i>Asthma</i>	74	1.7
8. <i>Diseases of the liver</i>	84	1.4	Radang paru-paru <i>Pneumonia</i>	69	1.6
9. <i>Malignant neoplasm of colon, rectum and anus</i>	76	1.2	Barah payudara <i>Breast cancer</i>	66	1.5
10. <i>Hypertensive diseases</i>	72	1.2	Barah hati <i>Liver cancer</i>	64	1.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>6,128</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>4,380</b>



**Jadual 1.15: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pahang, 2023 (samb.)**

Table 1.15: Ten principal causes of death (medically certified and non-medically certified) by sex, Pahang, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	628	16.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	941 40.0
	2. <i>Pneumonia</i>	593	15.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	131 5.6
	3. <i>Transport accidents</i>	256	6.9	Kencing manis <i>Diabetes mellitus</i>	120 5.1
	4. <i>Cerebrovascular diseases</i>	255	6.8	Darah tinggi <i>Hypertension</i>	118 5.0
	5. <i>Chronic lower respiratory diseases</i>	79	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	107 4.5
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	77	2.1	Lelah <i>Asthma</i>	52 2.2
	7. <i>Diseases of the liver</i>	59	1.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	48 2.0
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	49	1.3	Barah hati <i>Liver cancer</i>	46 2.0
	9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	44	1.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	46 2.0
	10. <i>Diabetes mellitus</i>	42	1.1	Radang paru-paru <i>Pneumonia</i>	42 1.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>3,728</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,354</b>
Perempuan/ Female	1. <i>Pneumonia</i>	406	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,029 50.8
	2. <i>Ischaemic heart diseases</i>	268	11.2	Kencing manis <i>Diabetes mellitus</i>	119 5.9
	3. <i>Cerebrovascular diseases</i>	189	7.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	105 5.2
	4. <i>Malignant neoplasm of breast</i>	68	2.8	Darah tinggi <i>Hypertension</i>	85 4.2
	5. <i>Diabetes mellitus</i>	64	2.7	Barah payudara <i>Breast cancer</i>	66 3.3
	6. <i>Transport accidents</i>	44	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	58 2.9
	7. <i>Chronic lower respiratory diseases</i>	35	1.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	29 1.4
	8. <i>Hypertensive diseases</i>	33	1.4	Radang paru-paru <i>Pneumonia</i>	27 1.3
	9. <i>Malignant neoplasm of trachea, bronchus and lung</i>	31	1.3	Lelah <i>Asthma</i>	22 1.1
	10. <i>Malignant neoplasm of colon, rectum and anus</i>	27	1.1	Barah hati <i>Liver cancer</i>	18 0.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,400</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,026</b>

**Jadual 1.16: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perak, 2023**

Table 1.16: Ten principal causes of death (medically certified and non-medically certified) by sex, Perak, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Ischaemic heart diseases</i>	2,002	15.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4,970	61.8
2. <i>Pneumonia</i>	1,999	15.6	Kencing manis <i>Diabetes mellitus</i>	312	3.9
3. <i>Cerebrovascular diseases</i>	984	7.7	Darah tinggi <i>Hypertension</i>	302	3.8
4. <i>Transport accidents</i>	429	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	245	3.0
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	226	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	111	1.4
6. <i>Malignant neoplasm of colon, rectum and anus</i>	210	1.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	108	1.3
7. <i>Chronic lower respiratory diseases</i>	208	1.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	78	1.0
8. <i>Diseases of the liver</i>	205	1.6	Lelah <i>Asthma</i>	74	0.9
9. <i>Diabetes mellitus</i>	197	1.5	Barah hati <i>Liver cancer</i>	68	0.8
10. <i>Malignant neoplasm of breast</i>	168	1.3	Radang paru-paru <i>Pneumonia</i>	64	0.8
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>12,791</b>			<b>8,048</b>		

**Jadual 1.16: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perak, 2023 (samb.)**

Table 1.16: Ten principal causes of death (medically certified and non-medically certified) by sex, Perak, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	1,428	18.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,184 54.7
	2. <i>Pneumonia</i>	1,099	14.2	Kencing manis <i>Diabetes mellitus</i>	170 4.3
	3. <i>Cerebrovascular diseases</i>	578	7.5	Darah tinggi <i>Hypertension</i>	149 3.7
	4. <i>Transport accidents</i>	370	4.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	147 3.7
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	159	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	76 1.9
	6. <i>Diseases of the liver</i>	149	1.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	76 1.9
	7. <i>Chronic lower respiratory diseases</i>	147	1.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	59 1.5
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	125	1.6	Barah hati <i>Liver cancer</i>	48 1.2
	9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	118	1.5	Lelah <i>Asthma</i>	44 1.1
	10. <i>Diabetes mellitus</i>	97	1.3	Radang paru-paru <i>Pneumonia</i>	36 0.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>7,740</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,995</b>
Perempuan/ Female	1. <i>Pneumonia</i>	900	17.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,786 68.7
	2. <i>Ischaemic heart diseases</i>	574	11.4	Darah tinggi <i>Hypertension</i>	153 3.8
	3. <i>Cerebrovascular diseases</i>	406	8.0	Kencing manis <i>Diabetes mellitus</i>	142 3.5
	4. <i>Malignant neoplasm of breast</i>	166	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	98 2.4
	5. <i>Diabetes mellitus</i>	100	2.0	Barah payudara <i>Breast cancer</i>	62 1.5
	6. <i>Malignant neoplasm of colon, rectum and anus</i>	85	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	35 0.9
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	67	1.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	32 0.8
	8. <i>Hypertensive diseases</i>	64	1.3	Lelah <i>Asthma</i>	30 0.7
	9. <i>Chronic lower respiratory diseases</i>	61	1.2	Radang paru-paru <i>Pneumonia</i>	28 0.7
	10. <i>Transport accidents</i>	59	1.2	Barah hati <i>Liver cancer</i>	20 0.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>5,051</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,053</b>

**Jadual 1.17: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perlis, 2023**

Table 1.17: Ten principal causes of death (medically certified and non-medically certified) by sex, Perlis, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Pneumonia</i>	248	18.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	365	43.6
2. <i>Ischaemic heart diseases</i>	202	15.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	80	9.6
3. <i>Cerebrovascular diseases</i>	111	8.3	Kencing manis <i>Diabetes mellitus</i>	63	7.5
4. <i>Transport accidents</i>	44	3.3	Darah tinggi <i>Hypertension</i>	59	7.0
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	26	1.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	35	4.2
6. <i>Malignant neoplasm of breast</i>	24	1.8	Lelah <i>Asthma</i>	28	3.3
7. <i>Diabetes mellitus</i>	18	1.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	17	2.0
8. <i>Chronic lower respiratory diseases</i>	15	1.1	Barah hati <i>Liver cancer</i>	11	1.3
9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	14	1.0	Radang paru-paru <i>Pneumonia</i>	7	0.8
10. <i>Malignant neoplasm of colon, rectum and anus</i>	11	0.8	Barah payudara <i>Breast cancer</i>	6	0.7
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>1,334</b>			<b>837</b>		

**Jadual 1.17: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Perlis, 2023 (samb.)**

Table 1.17: Ten principal causes of death (medically certified and non-medically certified) by sex, Perlis, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Pneumonia</i>	146	19.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	142 34.5
	2. <i>Ischaemic heart diseases</i>	130	16.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	64 15.6
	3. <i>Cerebrovascular diseases</i>	57	7.4	Darah tinggi <i>Hypertension</i>	27 6.6
	4. <i>Transport accidents</i>	39	5.1	Kencing manis <i>Diabetes mellitus</i>	26 6.3
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	14	1.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18 4.4
	6. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	11	1.4	Lelah <i>Asthma</i>	13 3.2
	7. <i>Chronic lower respiratory diseases</i>	11	1.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	10 2.4
	8. <i>Diabetes mellitus</i>	7	0.9	Barah hati <i>Liver cancer</i>	8 1.9
	9. <i>Diseases of the liver</i>	7	0.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	5 1.2
	10. <i>Intentional self-harm</i>	6	0.8	Radang paru-paru <i>Pneumonia</i>	4 1.0
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>768</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>411</b>
Perempuan/ Female	1. <i>Pneumonia</i>	102	18.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	223 52.3
	2. <i>Ischaemic heart diseases</i>	72	12.7	Kencing manis <i>Diabetes mellitus</i>	37 8.7
	3. <i>Cerebrovascular diseases</i>	54	9.5	Darah tinggi <i>Hypertension</i>	32 7.5
	4. <i>Malignant neoplasm of breast</i>	24	4.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	17 4.0
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	12	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	16 3.8
	6. <i>Diabetes mellitus</i>	11	1.9	Lelah <i>Asthma</i>	15 3.5
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	9	1.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	7 1.6
	8. <i>Malignant neoplasm of cervix uteri</i>	6	1.1	Barah payudara <i>Breast cancer</i>	6 1.4
	9. <i>Hypertensive diseases</i>	6	1.1	Barah hati <i>Liver cancer</i>	3 0.7
	10. <i>Transport accidents</i>	5	0.9	Barah rahim <i>Uterus cancer</i>	3 0.7
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>566</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>426</b>

**Jadual 1.18: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pulau Pinang, 2023**

Table 1.18: Ten principal causes of death (medically certified and non-medically certified) by sex, Pulau Pinang, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil.		Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil.	
	No.	%		No.	%
1. <i>Pneumonia</i>	1,394	17.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,563	57.4
2. <i>Ischaemic heart diseases</i>	1,209	15.4	Darah tinggi <i>Hypertension</i>	283	6.3
3. <i>Cerebrovascular diseases</i>	415	5.3	Kencing manis <i>Diabetes mellitus</i>	203	4.5
4. <i>Transport accidents</i>	311	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	152	3.4
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	174	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	71	1.6
6. <i>Diabetes mellitus</i>	162	2.1	Barah payudara <i>Breast cancer</i>	67	1.5
7. <i>Malignant neoplasm of colon, rectum and anus</i>	153	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	64	1.4
8. <i>Hypertensive diseases</i>	129	1.6	Barah hati <i>Liver cancer</i>	47	1.1
9. <i>Malignant neoplasm of breast</i>	120	1.5	Radang paru-paru <i>Pneumonia</i>	41	0.9
10. <i>Intentional self-harm</i>	117	1.5	Lelah <i>Asthma</i>	32	0.7
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7,839</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,465</b>	

**Jadual 1.18: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Pulau Pinang, 2023 (samb.)**

Table 1.18: Ten principal causes of death (medically certified and non-medically certified) by sex, Pulau Pinang, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	834	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,115 52.1
	2. <i>Pneumonia</i>	826	17.5	Darah tinggi <i>Hypertension</i>	128 6.0
	3. <i>Transport accidents</i>	259	5.5	Kencing manis <i>Diabetes mellitus</i>	101 4.7
	4. <i>Cerebrovascular diseases</i>	239	5.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	75 3.5
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	111	2.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	37 1.7
	6. <i>Diabetes mellitus</i>	97	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	33 1.5
	7. <i>Intentional self-harm</i>	93	2.0	Barah hati <i>Liver cancer</i>	29 1.4
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	82	1.7	Radang paru-paru <i>Pneumonia</i>	24 1.1
	9. <i>Hypertensive diseases</i>	80	1.7	Lelah <i>Asthma</i>	21 1.0
	10. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	73	1.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	19 0.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>4,710</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,141</b>
Perempuan/ Female	1. <i>Pneumonia</i>	568	18.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,448 62.3
	2. <i>Ischaemic heart diseases</i>	375	12.0	Darah tinggi <i>Hypertension</i>	155 6.7
	3. <i>Cerebrovascular diseases</i>	176	5.6	Kencing manis <i>Diabetes mellitus</i>	102 4.4
	4. <i>Malignant neoplasm of breast</i>	119	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	77 3.3
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	71	2.3	Barah payudara <i>Breast cancer</i>	66 2.8
	6. <i>Diabetes mellitus</i>	65	2.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	34 1.5
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	63	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	31 1.3
	8. <i>Transport accidents</i>	52	1.7	Barah hati <i>Liver cancer</i>	18 0.8
	9. <i>Hypertensive diseases</i>	49	1.6	Radang paru-paru <i>Pneumonia</i>	17 0.7
	10. <i>Malignant neoplasm of pancreas</i>	29	0.9	Barah ovari <i>Ovary cancer</i>	12 0.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>3,129</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,324</b>

**Jadual 1.19: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sabah, 2023**

Table 1.19: Ten principal causes of death (medically certified and non-medically certified) by sex, Sabah, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Pneumonia</i>	1,134	14.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,212	25.7
2. <i>Ischaemic heart diseases</i>	635	7.9	Darah tinggi <i>Hypertension</i>	133	1.5
3. <i>Cerebrovascular diseases</i>	530	6.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	128	1.5
4. <i>Hypertensive diseases</i>	200	2.5	Kencing manis <i>Diabetes mellitus</i>	83	1.0
5. <i>Chronic lower respiratory diseases</i>	188	2.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	44	0.5
6. <i>Malignant neoplasm of colon, rectum and anus</i>	186	2.3	Lelah <i>Asthma</i>	33	0.4
7. <i>Transport accidents</i>	181	2.3	Radang paru-paru <i>Pneumonia</i>	31	0.4
8. <i>Malignant neoplasm of trachea, bronchus and lung</i>	174	2.2	Barah hati <i>Liver cancer</i>	25	0.3
9. <i>Malignant neoplasm of breast</i>	130	1.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	24	0.3
10. <i>Respiratory tuberculosis</i>	103	1.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	23	0.3
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>8,009</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>8,601</b>



**Jadual 1.19: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sabah, 2023 (samb.)**

Table 1.19: Ten principal causes of death (medically certified and non-medically certified) by sex, Sabah, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Pneumonia</i>	660	13.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,036 21.6
	2. <i>Ischaemic heart diseases</i>	470	9.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	85 1.8
	3. <i>Cerebrovascular diseases</i>	325	6.7	Darah tinggi <i>Hypertension</i>	74 1.5
	4. <i>Transport accidents</i>	157	3.2	Kencing manis <i>Diabetes mellitus</i>	45 0.9
	5. <i>Hypertensive diseases</i>	143	2.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	35 0.7
	6. <i>Chronic lower respiratory diseases</i>	122	2.5	Lelah <i>Asthma</i>	24 0.5
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	116	2.4	Radang paru-paru <i>Pneumonia</i>	22 0.5
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	99	2.0	Barah hati <i>Liver cancer</i>	21 0.4
	9. <i>Diseases of the liver</i>	73	1.5	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	15 0.3
	10. <i>Respiratory tuberculosis</i>	67	1.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	13 0.3
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>4,886</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,794</b>
Perempuan/ Female	1. <i>Pneumonia</i>	474	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,176 30.9
	2. <i>Cerebrovascular diseases</i>	205	6.6	Darah tinggi <i>Hypertension</i>	59 1.5
	3. <i>Ischaemic heart diseases</i>	165	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	43 1.1
	4. <i>Malignant neoplasm of breast</i>	130	4.2	Kencing manis <i>Diabetes mellitus</i>	38 1.0
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	87	2.8	Barah payudara <i>Breast cancer</i>	13 0.3
	6. <i>Malignant neoplasm of cervix uteri</i>	69	2.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	11 0.3
	7. <i>Chronic lower respiratory diseases</i>	66	2.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	11 0.3
	8. <i>Malignant neoplasm of trachea, bronchus and lung</i>	58	1.9	Lelah <i>Asthma</i>	9 0.2
	9. <i>Hypertensive diseases</i>	57	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	9 0.2
	10. <i>Respiratory tuberculosis</i>	36	1.2	Radang paru-paru <i>Pneumonia</i>	9 0.2
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>3,123</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,807</b>

**Jadual 1.20: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sarawak, 2023**

Table 1.20: Ten principal causes of death (medically certified and non-medically certified) by sex, Sarawak, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Pneumonia</i>	773	9.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	88	1.1
2. <i>Ischaemic heart diseases</i>	640	8.2	Darah tinggi <i>Hypertension</i>	8	0.1
3. <i>Cerebrovascular diseases</i>	552	7.1	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	5	0.1
4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	272	3.5	Kencing manis <i>Diabetes mellitus</i>	4	0.0
5. <i>Chronic lower respiratory diseases</i>	249	3.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	0.0
6. <i>Hypertensive diseases</i>	179	2.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	3	0.0
7. <i>Malignant neoplasm of colon, rectum and anus</i>	178	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	3	0.0
8. <i>Transport accidents</i>	153	2.0	Mati lemas <i>Drowning</i>	3	0.0
9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	150	1.9	Radang paru-paru <i>Pneumonia</i>	3	0.0
10. <i>Diseases of the liver</i>	122	1.6	Barah hati <i>Liver cancer</i>	2	0.0
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>7,786</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>8,372</b>

**Jadual 1.20: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Sarawak, 2023 (samb.)**

Table 1.20: Ten principal causes of death (medically certified and non-medically certified) by sex, Sarawak, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	465	9.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35 0.8
	2. <i>Pneumonia</i>	438	9.3	Darah tinggi <i>Hypertension</i>	6 0.1
	3. <i>Cerebrovascular diseases</i>	325	6.9	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	4 0.1
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	183	3.9	Mati lemas <i>Drowning</i>	3 0.1
	5. <i>Chronic lower respiratory diseases</i>	158	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3 0.1
	6. <i>Transport accidents</i>	131	2.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2 0.0
	7. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	112	2.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	2 0.0
	8. <i>Hypertensive diseases</i>	105	2.2	Kencing manis <i>Diabetes mellitus</i>	2 0.0
	9. <i>Malignant neoplasm of colon, rectum and anus</i>	100	2.1	Radang paru-paru <i>Pneumonia</i>	2 0.0
	10. <i>Diseases of the liver</i>	87	1.9	Barah bibir,dalam mulut dan tekak <i>Cancer of lip, oral cavity and pharynx</i>	1 0.0
		<b>Keseluruhan sebab <i>All causes</i></b>		<b>Keseluruhan sebab <i>All causes</i></b>	
		<b>4,696</b>		<b>4,515</b>	
Perempuan/ Female	1. <i>Pneumonia</i>	335	10.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	53 1.4
	2. <i>Cerebrovascular diseases</i>	227	7.3	Darah tinggi <i>Hypertension</i>	2 0.1
	3. <i>Ischaemic heart diseases</i>	175	5.7	Kencing manis <i>Diabetes mellitus</i>	2 0.1
	4. <i>Malignant neoplasm of breast</i>	97	3.1	Barah hati <i>Liver cancer</i>	1 0.0
	5. <i>Chronic lower respiratory diseases</i>	91	2.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1 0.0
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	89	2.9	Barah limfoma <i>Lymphoma</i>	1 0.0
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	78	2.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1 0.0
	8. <i>Hypertensive diseases</i>	74	2.4	Barah pankreas <i>Pancreas cancer</i>	1 0.0
	9. <i>Diabetes mellitus</i>	68	2.2	Barah payudara <i>Breast cancer</i>	1 0.0
	10. <i>Malignant neoplasm of cervix uteri</i>	66	2.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1 0.0
		<b>Keseluruhan sebab <i>All causes</i></b>		<b>Keseluruhan sebab <i>All causes</i></b>	
		<b>3,090</b>		<b>3,857</b>	

**Jadual 1.21: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Selangor, 2023**

Table 1.21: Ten principal causes of death (medically certified and non-medically certified) by sex, Selangor, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	3,076	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,606	45.2
2. <i>Pneumonia</i>	3,072	15.2	Kencing manis <i>Diabetes mellitus</i>	738	5.9
3. <i>Cerebrovascular diseases</i>	1,283	6.3	Darah tinggi <i>Hypertension</i>	724	5.8
4. <i>Transport accidents</i>	775	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	507	4.1
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	390	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	294	2.4
6. <i>Malignant neoplasm of colon, rectum and anus</i>	350	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	251	2.0
7. <i>Intentional self-harm</i>	323	1.6	Barah payudara <i>Breast cancer</i>	196	1.6
8. <i>Malignant neoplasm of breast</i>	306	1.5	Barah hati <i>Liver cancer</i>	150	1.2
9. <i>Diseases of the liver</i>	274	1.4	Lelah <i>Asthma</i>	116	0.9
10. <i>Chronic lower respiratory diseases</i>	257	1.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	112	0.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>20,234</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>12,412</b>

**Jadual 1.21: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Selangor, 2023 (samb.)**

Table 1.21: Ten principal causes of death (medically certified and non-medically certified) by sex, Selangor, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	2,265	18.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,520 38.2
	2. <i>Pneumonia</i>	1,792	14.4	Kencing manis <i>Diabetes mellitus</i>	428 6.5
	3. <i>Cerebrovascular diseases</i>	778	6.3	Darah tinggi <i>Hypertension</i>	423 6.4
	4. <i>Transport accidents</i>	689	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	300 4.5
	5. <i>Intentional self-harm</i>	268	2.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	168 2.5
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	241	1.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	150 2.3
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	203	1.6	Barah hati <i>Liver cancer</i>	110 1.7
	8. <i>Diseases of the liver</i>	197	1.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	89 1.3
	9. <i>Chronic lower respiratory diseases</i>	185	1.5	Lelah <i>Asthma</i>	68 1.0
	10. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	183	1.5	Barah prostat <i>Prostate cancer</i>	61 0.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>12,434</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6,595</b>
Perempuan/ Female	1. <i>Pneumonia</i>	1,280	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	3,086 53.1
	2. <i>Ischaemic heart diseases</i>	811	10.4	Kencing manis <i>Diabetes mellitus</i>	310 5.3
	3. <i>Cerebrovascular diseases</i>	505	6.5	Darah tinggi <i>Hypertension</i>	301 5.2
	4. <i>Malignant neoplasm of breast</i>	304	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	207 3.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	149	1.9	Barah payudara <i>Breast cancer</i>	194 3.3
	6. <i>Malignant neoplasm of colon, rectum and anus</i>	147	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	126 2.2
	7. <i>Malignant neoplasm of ovary</i>	107	1.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	101 1.7
	8. <i>Transport accidents</i>	86	1.1	Lelah <i>Asthma</i>	48 0.8
	9. <i>Diseases of the liver</i>	77	1.0	Barah ovari <i>Ovary cancer</i>	46 0.8
	10. <i>Chronic lower respiratory diseases</i>	72	0.9	Barah hati <i>Liver cancer</i>	40 0.7
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>7,800</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5,817</b>

**Jadual 1.22: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Terengganu, 2023**

Table 1.22: Ten principal causes of death (medically certified and non-medically certified) by sex, Terengganu, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	776	15.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,049	37.9
2. <i>Pneumonia</i>	692	13.6	Kencing manis <i>Diabetes mellitus</i>	241	8.7
3. <i>Cerebrovascular diseases</i>	514	10.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	230	8.3
4. <i>Transport accidents</i>	214	4.2	Darah tinggi <i>Hypertension</i>	225	8.1
5. <i>Diabetes mellitus</i>	197	3.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	80	2.9
6. <i>Chronic lower respiratory diseases</i>	116	2.3	Lelah <i>Asthma</i>	64	2.3
7. <i>Hypertensive diseases</i>	115	2.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	38	1.4
8. <i>Malignant neoplasm of colon, rectum and anus</i>	83	1.6	Radang paru-paru <i>Pneumonia</i>	36	1.3
9. <i>Malignant neoplasm of breast</i>	75	1.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	34	1.2
10. <i>Malignant neoplasm of trachea, bronchus and lung</i>	74	1.5	Barah payudara <i>Breast cancer</i>	32	1.2
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>5,087</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,770</b>

**Jadual 1.22: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Terengganu, 2023 (samb.)**

Table 1.22: Ten principal causes of death (medically certified and non-medically certified) by sex, Terengganu, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	562	18.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	425 29.5
	2. <i>Pneumonia</i>	408	13.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	128 8.9
	3. <i>Cerebrovascular diseases</i>	263	8.8	Kencing manis <i>Diabetes mellitus</i>	121 8.4
	4. <i>Transport accidents</i>	176	5.9	Darah tinggi <i>Hypertension</i>	104 7.2
	5. <i>Diabetes mellitus</i>	90	3.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	66 4.6
	6. <i>Chronic lower respiratory diseases</i>	79	2.6	Lelah <i>Asthma</i>	48 3.3
	7. <i>Hypertensive diseases</i>	61	2.0	Radang paru-paru <i>Pneumonia</i>	25 1.7
	8. <i>Malignant neoplasm of trachea, bronchus and lung</i>	45	1.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	24 1.7
	9. <i>Diseases of the liver</i>	42	1.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	19 1.3
	10. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	41	1.4	Barah hati <i>Liver cancer</i>	17 1.2
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,998</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,443</b>
Perempuan/ Female	1. <i>Pneumonia</i>	284	13.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	624 47.0
	2. <i>Cerebrovascular diseases</i>	251	12.0	Darah tinggi <i>Hypertension</i>	121 9.1
	3. <i>Ischaemic heart diseases</i>	214	10.2	Kencing manis <i>Diabetes mellitus</i>	120 9.0
	4. <i>Diabetes mellitus</i>	107	5.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	102 7.7
	5. <i>Malignant neoplasm of breast</i>	75	3.6	Barah payudara <i>Breast cancer</i>	32 2.4
	6. <i>Hypertensive diseases</i>	54	2.6	Lelah <i>Asthma</i>	16 1.2
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	47	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	15 1.1
	8. <i>Transport accidents</i>	38	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	14 1.1
	9. <i>Chronic lower respiratory diseases</i>	37	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	14 1.1
	10. <i>Malignant neoplasm of trachea, bronchus and lung</i>	29	1.4	Radang paru-paru <i>Pneumonia</i>	11 0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,089</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,327</b>

**Jadual 1.23: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Kuala Lumpur, 2023**

Table 1.23: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Kuala Lumpur, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	1,099	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,598	55.4
2. <i>Pneumonia</i>	989	14.6	Darah tinggi <i>Hypertension</i>	140	4.9
3. <i>Cerebrovascular diseases</i>	472	7.0	Kencing manis <i>Diabetes mellitus</i>	130	4.5
4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	165	2.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	66	2.3
5. <i>Malignant neoplasm of colon, rectum and anus</i>	158	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	43	1.5
6. <i>Diabetes mellitus</i>	153	2.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	38	1.3
7. <i>Transport accidents</i>	140	2.1	Barah payudara <i>Breast cancer</i>	34	1.2
8. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	126	1.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	32	1.1
9. <i>Malignant neoplasm of breast</i>	116	1.7	Barah hati <i>Liver cancer</i>	27	0.9
10. <i>Intentional self-harm</i>	108	1.6	Lelah <i>Asthma</i>	24	0.8
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6,763</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,883</b>	



**Jadual 1.23: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Kuala Lumpur, 2023 (samb.)**

Table 1.23: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Kuala Lumpur, 2023 (cont'd)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> No.	<b>%</b>	<b>Bil.</b> No.	<b>%</b>
<b>Lelaki/ Male</b>	1. <i>Ischaemic heart diseases</i>	741	18.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	714 46.8
	2. <i>Pneumonia</i>	582	14.5	Darah tinggi <i>Hypertension</i>	86 5.6
	3. <i>Cerebrovascular diseases</i>	274	6.8	Kencing manis <i>Diabetes mellitus</i>	83 5.4
	4. <i>Transport accidents</i>	128	3.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	37 2.4
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	113	2.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	29 1.9
	6. <i>Malignant neoplasm of colon, rectum and anus</i>	98	2.4	Barah hati <i>Liver cancer</i>	23 1.5
	7. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	95	2.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	22 1.4
	8. <i>Diabetes mellitus</i>	87	2.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	22 1.4
	9. <i>Intentional self-harm</i>	79	2.0	Lelah <i>Asthma</i>	16 1.0
	10. <i>Hypertensive diseases</i>	69	1.7	Barah prostat <i>Prostat cancer</i>	10 0.7
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>4,004</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,527</b>
<b>Perempuan/ Female</b>	1. <i>Pneumonia</i>	407	14.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	884 65.2
	2. <i>Ischaemic heart diseases</i>	358	13.0	Darah tinggi <i>Hypertension</i>	54 4.0
	3. <i>Cerebrovascular diseases</i>	198	7.2	Kencing manis <i>Diabetes mellitus</i>	47 3.5
	4. <i>Malignant neoplasm of breast</i>	116	4.2	Barah payudara <i>Breast cancer</i>	34 2.5
	5. <i>Diabetes mellitus</i>	66	2.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	29 2.1
	6. <i>Malignant neoplasm of colon, rectum and anus</i>	60	2.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	16 1.2
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	52	1.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	14 1.0
	8. <i>Hypertensive diseases</i>	38	1.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	10 0.7
	9. <i>Chronic lower respiratory diseases</i>	34	1.2	Lelah <i>Asthma</i>	8 0.6
	10. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	31	1.1	Barah ovari <i>Ovary cancer</i>	7 0.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,759</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,356</b>

**Jadual 1.24: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Labuan, 2023**

Table 1.24: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Labuan, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Pneumonia</i>	28	13.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	59	46.5
2. <i>Ischaemic heart diseases</i>	21	10.2	Darah tinggi <i>Hypertension</i>	3	2.4
3. <i>Cerebrovascular diseases</i>	17	8.3	Barah hati <i>Liver cancer</i>	2	1.6
4. <i>Malignant neoplasm of colon, rectum and anus</i>	6	2.9	Mati lemas <i>Drowning</i>	2	1.6
5. <i>Transport accidents</i>	6	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	1.6
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	2.4	Lelah <i>Asthma</i>	1	0.8
7. <i>Respiratory tuberculosis</i>	4	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.8
8. <i>Diseases of the liver</i>	4	1.9	Barah payudara <i>Breast cancer</i>	1	0.8
9. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	3	1.5	Barah sel darah putih <i>Leukaemia</i>	1	0.8
10. <i>Chronic lower respiratory diseases</i>	3	1.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>206</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>127</b>

**Jadual 1.24: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Labuan, 2023 (samb.)**

Table 1.24: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Labuan, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Pneumonia</i>	19	15.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	22 31.4
	2. <i>Ischaemic heart diseases</i>	15	12.1	Darah tinggi <i>Hypertension</i>	3 4.3
	3. <i>Cerebrovascular diseases</i>	6	4.8	Mati lemas <i>Drowning</i>	2 2.9
	4. <i>Transport accidents</i>	5	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2 2.9
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	3	2.4	Lelah <i>Asthma</i>	1 1.4
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	3	2.4	Barah hati <i>Liver cancer</i>	1 1.4
	7. <i>Diseases of the liver</i>	3	2.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1 1.4
	8. <i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	2	1.6	Barah sel darah putih <i>Leukaemia</i>	1 1.4
	9. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	2	1.6	-	-
	10. <i>Hypertensive diseases</i>	2	1.6	-	-
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>124</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>70</b>
Perempuan/ Female	1. <i>Cerebrovascular diseases</i>	11	13.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	37 64.9
	2. <i>Pneumonia</i>	9	11.0	Barah hati <i>Liver cancer</i>	1 1.8
	3. <i>Ischaemic heart diseases</i>	6	7.3	Barah payudara <i>Breast cancer</i>	1 1.8
	4. <i>Respiratory tuberculosis</i>	3	3.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1 1.8
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	3	3.7	-	-
	6. <i>Chronic lower respiratory diseases</i>	3	3.7	-	-
	7. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2	2.4	-	-
	8. <i>COVID-19 infection (due to)</i>	2	2.4	-	-
	9. <i>Whooping cough</i>	1	1.2	-	-
	10. <i>Viral hepatitis</i>	1	1.2	-	-
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>82</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>57</b>

**Jadual 1.25: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Putrajaya, 2023**

Table 1.25: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Putrajaya, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Ischaemic heart diseases</i>	42	16.0	Kencing manis <i>Diabetes mellitus</i>	6	27.3
2. <i>Pneumonia</i>	21	8.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5	22.7
3. <i>Cerebrovascular diseases</i>	18	6.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	2	9.1
4. <i>Malignant neoplasm of colon, rectum and anus</i>	14	5.3	Barah hati <i>Liver cancer</i>	1	4.5
5. <i>Transport accidents</i>	12	4.6	Barah perut <i>Stomach cancer</i>	1	4.5
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	7	2.7	Darah tinggi <i>Hypertension</i>	1	4.5
7. <i>Malignant neoplasm of breast</i>	7	2.7	-	-	-
8. <i>Hypertensive diseases</i>	6	2.3	-	-	-
9. <i>Diabetes mellitus</i>	5	1.9	-	-	-
10. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	3	1.1	-	-	-
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>262</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>22</b>

**Jadual 1.25: Sepuluh sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut jantina, W.P. Putrajaya, 2023 (samb.)**

Table 1.25: Ten principal causes of death (medically certified and non-medically certified) by sex, W.P. Putrajaya, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	32	21.1	Kencing manis <i>Diabetes mellitus</i>	6 46.2
	2. <i>Cerebrovascular diseases</i>	12	7.9	Barah hati <i>Liver cancer</i>	1 7.7
	3. <i>Transport accidents</i>	10	6.6	Barah perut <i>Stomach cancer</i>	1 7.7
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	8	5.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1 7.7
	5. <i>Pneumonia</i>	7	4.6	-	-
	6. <i>Diabetes mellitus</i>	3	2.0	-	-
	7. <i>Malignant neoplasm of pancreas</i>	2	1.3	-	-
	8. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	2	1.3	-	-
	9. <i>Hypertensive diseases</i>	2	1.3	-	-
	10. <i>Measles</i>	1	0.7	-	-
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>152</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>13</b>
Perempuan/ Female	1. <i>Pneumonia</i>	14	12.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4 44.4
	2. <i>Ischaemic heart diseases</i>	10	9.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	2 22.2
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	7	6.4	Darah tinggi <i>Hypertension</i>	1 11.1
	4. <i>Malignant neoplasm of breast</i>	7	6.4	-	-
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	6	5.5	-	-
	6. <i>Cerebrovascular diseases</i>	6	5.5	-	-
	7. <i>Hypertensive diseases</i>	4	3.6	-	-
	8. <i>Malignant neoplasm of ovary</i>	3	2.7	-	-
	9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	2	1.8	-	-
	10. <i>Diabetes mellitus</i>	2	1.8	-	-
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>110</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>9</b>

**Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2023**

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Johor</b>	1. <i>Ischaemic heart diseases</i>	2,553	16.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,392	57.7
	2. <i>Pneumonia</i>	2,451	16.0	Darah tinggi <i>Hypertension</i>	426	4.6
	3. <i>Cerebrovascular diseases</i>	1,069	7.0	Kencing manis <i>Diabetes mellitus</i>	335	3.6
	4. <i>Transport accidents</i>	612	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	234	2.5
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	274	1.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	162	1.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>15,357</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>9,348</b>	
<b>Batu Pahat</b>	1. <i>Ischaemic heart diseases</i>	375	17.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	937	71.6
	2. <i>Pneumonia</i>	375	17.8	Kencing manis <i>Diabetes mellitus</i>	41	3.1
	3. <i>Cerebrovascular diseases</i>	178	8.5	Darah tinggi <i>Hypertension</i>	28	2.1
	4. <i>Transport accidents</i>	74	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	20	1.5
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	47	2.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	17	1.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,105</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,308</b>	
<b>Johor Bahru</b>	1. <i>Pneumonia</i>	787	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,399	43.8
	2. <i>Ischaemic heart diseases</i>	782	15.1	Darah tinggi <i>Hypertension</i>	256	8.0
	3. <i>Cerebrovascular diseases</i>	326	6.3	Kencing manis <i>Diabetes mellitus</i>	189	5.9
	4. <i>Transport accidents</i>	203	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	131	4.1
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	98	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	83	2.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5,166</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,197</b>	

**Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2023 (samb.)**

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Kluang</b>	1. <i>Pneumonia</i>	258	16.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	414	56.9
	2. <i>Ischaemic heart diseases</i>	246	15.7	Darah tinggi <i>Hypertension</i>	29	4.0
	3. <i>Cerebrovascular diseases</i>	144	9.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	22	3.0
	4. <i>Transport accidents</i>	54	3.4	Kencing manis <i>Diabetes mellitus</i>	18	2.5
	5. <i>Malignant neoplasm of breast</i>	31	2.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	2.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,567</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>728</b>	
<b>Kota Tinggi</b>	1. <i>Pneumonia</i>	203	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	331	60.1
	2. <i>Ischaemic heart diseases</i>	191	15.9	Darah tinggi <i>Hypertension</i>	28	5.1
	3. <i>Cerebrovascular diseases</i>	94	7.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	3.3
	4. <i>Transport accidents</i>	64	5.3	Kencing manis <i>Diabetes mellitus</i>	16	2.9
	5. <i>Chronic lower respiratory diseases</i>	27	2.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	11	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,198</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>551</b>	
<b>Mersing</b>	1. <i>Pneumonia</i>	57	14.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	174	69.0
	2. <i>Ischaemic heart diseases</i>	55	14.3	Darah tinggi <i>Hypertension</i>	7	2.8
	3. <i>Cerebrovascular diseases</i>	23	6.0	Barah payudara <i>Breast cancer</i>	4	1.6
	4. <i>Transport accidents</i>	18	4.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	4	1.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	8	2.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	1.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>385</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>252</b>	

**Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2023 (samb.)**

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Muar</b>	1. <i>Ischaemic heart diseases</i>	230	19.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	663	70.2
	2. <i>Pneumonia</i>	174	15.1	Darah tinggi <i>Hypertension</i>	27	2.9
	3. <i>Cerebrovascular diseases</i>	89	7.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	19	2.0
	4. <i>Transport accidents</i>	44	3.8	Kencing manis <i>Diabetes mellitus</i>	18	1.9
	5. <i>Hypertensive diseases</i>	37	3.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	1.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,153</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>944</b>	
<b>Pontian</b>	1. <i>Pneumonia</i>	166	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	379	70.6
	2. <i>Ischaemic heart diseases</i>	131	13.3	Darah tinggi <i>Hypertension</i>	17	3.2
	3. <i>Cerebrovascular diseases</i>	53	5.4	Kencing manis <i>Diabetes mellitus</i>	16	3.0
	4. <i>Hypertensive diseases</i>	45	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	11	2.0
	5. <i>Transport accidents</i>	39	4.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	8	1.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>985</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>537</b>	
<b>Segamat</b>	1. <i>Ischaemic heart diseases</i>	173	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	546	66.7
	2. <i>Pneumonia</i>	166	17.0	Darah tinggi <i>Hypertension</i>	23	2.8
	3. <i>Cerebrovascular diseases</i>	68	7.0	Kencing manis <i>Diabetes mellitus</i>	15	1.8
	4. <i>Transport accidents</i>	52	5.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	12	1.5
	5. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	16	1.6	Barah payudara <i>Breast cancer</i>	9	1.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>975</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>818</b>	



**Jadual 1.26: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Johor, 2023 (samb.)**

Table 1.26: Five principal causes of death (medically certified and non-medically certified) by administrative district, Johor, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Kulai</b>	1. <i>Ischaemic heart diseases</i>	193	18.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	423	67.8
	2. <i>Pneumonia</i>	178	16.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	31	5.0
	3. <i>Cerebrovascular diseases</i>	59	5.5	Kencing manis <i>Diabetes mellitus</i>	16	2.6
	4. <i>Transport accidents</i>	30	2.8	Darah tinggi <i>Hypertension</i>	10	1.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	23	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	10	1.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,067</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>624</b>	
<b>Tangkak</b>	1. <i>Ischaemic heart diseases</i>	177	23.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	126	32.4
	2. <i>Pneumonia</i>	87	11.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	10	2.6
	3. <i>Cerebrovascular diseases</i>	35	4.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	9	2.3
	4. <i>Transport accidents</i>	34	4.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6	1.5
	5. <i>Hypertensive diseases</i>	29	3.8	Barah hati <i>Liver cancer</i>	4	1.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>756</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>389</b>	

**Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2023**

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Kedah</b>	1. <i>Ischaemic heart diseases</i>	2,278	18.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,184	47.4
	2. <i>Pneumonia</i>	2,157	17.9	Kencing manis <i>Diabetes mellitus</i>	335	7.3
	3. <i>Cerebrovascular diseases</i>	1,090	9.1	Darah tinggi <i>Hypertension</i>	271	5.9
	4. <i>Transport accidents</i>	469	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	234	5.1
	5. <i>Diabetes mellitus</i>	370	3.1	Lelah <i>Asthma</i>	146	3.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12,036</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,607</b>	
<b>Baling</b>	1. <i>Ischaemic heart diseases</i>	202	20.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	270	55.7
	2. <i>Pneumonia</i>	161	16.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	27	5.6
	3. <i>Cerebrovascular diseases</i>	112	11.3	Kencing manis <i>Diabetes mellitus</i>	25	5.2
	4. <i>Transport accidents</i>	60	6.1	Lelah <i>Asthma</i>	16	3.3
	5. <i>Chronic lower respiratory diseases</i>	26	2.6	Darah tinggi <i>Hypertension</i>	16	3.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>987</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>485</b>	
<b>Bandar Baharu</b>	1. <i>Pneumonia</i>	54	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	38	45.8
	2. <i>Ischaemic heart diseases</i>	36	11.3	Kencing manis <i>Diabetes mellitus</i>	5	6.0
	3. <i>Diabetes mellitus</i>	27	8.5	Darah tinggi <i>Hypertension</i>	4	4.8
	4. <i>Cerebrovascular diseases</i>	26	8.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	4.8
	5. <i>Hypertensive diseases</i>	15	4.7	Paru-paru berair <i>Pulmonary edema</i>	2	2.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>319</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>83</b>	

**Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2023 (samb.)**

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Kota Setar</b>	1. <i>Pneumonia</i>	523	22.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	431	47.1
	2. <i>Ischaemic heart diseases</i>	438	18.6	Kencing manis <i>Diabetes mellitus</i>	53	5.8
	3. <i>Cerebrovascular diseases</i>	224	9.5	Lelah <i>Asthma</i>	47	5.1
	4. <i>Transport accidents</i>	61	2.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	46	5.0
	5. <i>Chronic lower respiratory diseases</i>	54	2.3	Darah tinggi <i>Hypertension</i>	32	3.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,355</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>915</b>	
<b>Kuala Muda</b>	1. <i>Ischaemic heart diseases</i>	465	16.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	431	47.5
	2. <i>Pneumonia</i>	368	13.3	Kencing manis <i>Diabetes mellitus</i>	79	8.7
	3. <i>Cerebrovascular diseases</i>	283	10.2	Darah tinggi <i>Hypertension</i>	71	7.8
	4. <i>Transport accidents</i>	111	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	45	5.0
	5. <i>Diabetes mellitus</i>	101	3.6	Barah payudara <i>Breast cancer</i>	15	1.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,769</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>907</b>	
<b>Kubang Pasu</b>	1. <i>Pneumonia</i>	368	26.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	222	47.0
	2. <i>Ischaemic heart diseases</i>	241	17.2	Lelah <i>Asthma</i>	38	8.1
	3. <i>Cerebrovascular diseases</i>	108	7.7	Kencing manis <i>Diabetes mellitus</i>	30	6.4
	4. <i>Diabetes mellitus</i>	67	4.8	Darah tinggi <i>Hypertension</i>	25	5.3
	5. <i>Chronic lower respiratory diseases</i>	55	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	21	4.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,401</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>472</b>	

**Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2023 (samb.)**

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Kulim</b>	1. <i>Ischaemic heart diseases</i>	312	20.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	215	38.5
	2. <i>Pneumonia</i>	242	16.0	Darah tinggi <i>Hypertension</i>	52	9.3
	3. <i>Cerebrovascular diseases</i>	102	6.8	Kencing manis <i>Diabetes mellitus</i>	50	8.9
	4. <i>Transport accidents</i>	68	4.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	36	6.4
	5. <i>Diabetes mellitus</i>	37	2.5	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	16	2.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,510</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>559</b>	
<b>Langkawi</b>	1. <i>Ischaemic heart diseases</i>	136	31.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	72	39.1
	2. <i>Pneumonia</i>	53	12.2	Darah tinggi <i>Hypertension</i>	12	6.5
	3. <i>Cerebrovascular diseases</i>	35	8.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	11	6.0
	4. <i>Transport accidents</i>	19	4.4	Kencing manis <i>Diabetes mellitus</i>	10	5.4
	5. <i>Chronic lower respiratory diseases</i>	11	2.5	Barah hati <i>Liver cancer</i>	4	2.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>435</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>184</b>	
<b>Padang Terap</b>	1. <i>Ischaemic heart diseases</i>	72	18.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	75	35.0
	2. <i>Pneumonia</i>	72	18.9	Darah tinggi <i>Hypertension</i>	14	6.5
	3. <i>Cerebrovascular diseases</i>	26	6.8	Kencing manis <i>Diabetes mellitus</i>	13	6.1
	4. <i>Transport accidents</i>	20	5.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7	3.3
	5. <i>Chronic lower respiratory diseases</i>	16	4.2	Lelah <i>Asthma</i>	6	2.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>381</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>214</b>	

**Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2023 (samb.)**

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Sik</b>	1. <i>Ischaemic heart diseases</i>	105	23.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	91	64.1
	2. <i>Pneumonia</i>	54	11.8	Kencing manis <i>Diabetes mellitus</i>	9	6.3
	3. <i>Cerebrovascular diseases</i>	46	10.1	Darah tinggi <i>Hypertension</i>	7	4.9
	4. <i>Transport accidents</i>	25	5.5	Lelah <i>Asthma</i>	4	2.8
	5. <i>Chronic lower respiratory diseases</i>	19	4.2	Radang paru-paru <i>Pneumonia</i>	4	2.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>457</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>142</b>	
<b>Yan</b>	1. <i>Pneumonia</i>	68	18.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	106	61.6
	2. <i>Ischaemic heart diseases</i>	58	15.8	Kencing manis <i>Diabetes mellitus</i>	12	7.0
	3. <i>Cerebrovascular diseases</i>	32	8.7	Darah tinggi <i>Hypertension</i>	7	4.1
	4. <i>Diabetes mellitus</i>	17	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	6	3.5
	5. <i>Chronic lower respiratory diseases</i>	13	3.6	Lelah <i>Asthma</i>	4	2.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>366</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>172</b>	
<b>Pandang</b>	1. <i>Ischaemic heart diseases</i>	146	20.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	147	46.2
	2. <i>Pneumonia</i>	126	17.7	Kencing manis <i>Diabetes mellitus</i>	35	11.0
	3. <i>Cerebrovascular diseases</i>	61	8.6	Darah tinggi <i>Hypertension</i>	21	6.6
	4. <i>Transport accidents</i>	29	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	21	6.6
	5. <i>Diabetes mellitus</i>	21	2.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	7	2.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>713</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>318</b>	

**Jadual 1.27: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kedah, 2023 (samb.)**

Table 1.27: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kedah, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Pokok Sena	1. <i>Pneumonia</i>	68	19.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	86 55.1
	2. <i>Ischaemic heart diseases</i>	67	19.5	Kencing manis <i>Diabetes mellitus</i>	14 9.0
	3. <i>Cerebrovascular diseases</i>	35	10.2	Darah tinggi <i>Hypertension</i>	10 6.4
	4. <i>Transport accidents</i>	16	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7 4.5
	5. <i>Chronic lower respiratory diseases</i>	10	2.9	Barah hati <i>Liver cancer</i>	3 1.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>343</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>156</b>

**Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2023**

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Kelantan</b>	1. <i>Ischaemic heart diseases</i>	1,299	18.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,712	35.5
	2. <i>Pneumonia</i>	1,160	16.5	Darah tinggi <i>Hypertension</i>	415	8.6
	3. <i>Cerebrovascular diseases</i>	536	7.6	Kencing manis <i>Diabetes mellitus</i>	397	8.2
	4. <i>Transport accidents</i>	206	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	396	8.2
	5. <i>Chronic lower respiratory diseases</i>	123	1.8	Lelah <i>Asthma</i>	170	3.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7,019</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,820</b>	
<b>Bachok</b>	1. <i>Ischaemic heart diseases</i>	145	19.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	194	64.7
	2. <i>Pneumonia</i>	103	13.8	Kencing manis <i>Diabetes mellitus</i>	19	6.3
	3. <i>Cerebrovascular diseases</i>	62	8.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	13	4.3
	4. <i>Diabetes mellitus</i>	25	3.3	Darah tinggi <i>Hypertension</i>	12	4.0
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	22	2.9	Lelah <i>Asthma</i>	6	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>748</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>300</b>	
<b>Kota Bharu</b>	1. <i>Pneumonia</i>	330	18.1	Darah tinggi <i>Hypertension</i>	282	15.9
	2. <i>Ischaemic heart diseases</i>	316	17.3	Kencing manis <i>Diabetes mellitus</i>	222	12.5
	3. <i>Cerebrovascular diseases</i>	138	7.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	209	11.7
	4. <i>Transport accidents</i>	50	2.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	194	10.9
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	28	1.5	Lelah <i>Asthma</i>	91	5.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,822</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,779</b>	

**Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2023 (samb.)**

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Machang</b>	1. <i>Ischaemic heart diseases</i>	127	23.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	65	28.8
	2. <i>Pneumonia</i>	89	16.6	Darah tinggi <i>Hypertension</i>	26	11.5
	3. <i>Cerebrovascular diseases</i>	50	9.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	8.0
	4. <i>Hypertensive diseases</i>	20	3.7	Kencing manis <i>Diabetes mellitus</i>	14	6.2
	5. <i>Diabetes mellitus</i>	17	3.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	2.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>536</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>226</b>	
<b>Pasir Mas</b>	1. <i>Ischaemic heart diseases</i>	158	19.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	488	65.1
	2. <i>Pneumonia</i>	147	17.9	Kencing manis <i>Diabetes mellitus</i>	28	3.7
	3. <i>Cerebrovascular diseases</i>	52	6.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	26	3.5
	4. <i>Chronic lower respiratory diseases</i>	17	2.1	Darah tinggi <i>Hypertension</i>	11	1.5
	5. <i>Diabetes mellitus</i>	16	1.9	Lelah <i>Asthma</i>	8	1.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>821</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>750</b>	
<b>Pasir Puteh</b>	1. <i>Ischaemic heart diseases</i>	164	17.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	31	32.6
	2. <i>Pneumonia</i>	164	17.0	Kencing manis <i>Diabetes mellitus</i>	11	11.6
	3. <i>Cerebrovascular diseases</i>	43	4.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	11	11.6
	4. <i>Chronic lower respiratory diseases</i>	24	2.5	Darah tinggi <i>Hypertension</i>	6	6.3
	5. <i>Transport accidents</i>	18	1.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	2.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>966</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>95</b>	



**Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2023 (samb.)**

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Tanah Merah	1. <i>Ischaemic heart diseases</i>	111	22.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	211	45.8
	2. <i>Pneumonia</i>	75	15.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	33	7.2
	3. <i>Cerebrovascular diseases</i>	35	7.0	Kencing manis <i>Diabetes mellitus</i>	32	6.9
	4. <i>Transport accidents</i>	23	4.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	19	4.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	8	1.6	Lelah <i>Asthma</i>	17	3.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>501</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>461</b>	
Tumpat	1. <i>Ischaemic heart diseases</i>	125	15.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	242	56.5
	2. <i>Pneumonia</i>	111	13.7	Darah tinggi <i>Hypertension</i>	24	5.6
	3. <i>Cerebrovascular diseases</i>	106	13.1	Kencing manis <i>Diabetes mellitus</i>	22	5.1
	4. <i>Diabetes mellitus</i>	19	2.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	3.3
	5. <i>Transport accidents</i>	17	2.1	Lelah <i>Asthma</i>	9	2.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>812</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>428</b>	
Gua Musang	1. <i>Pneumonia</i>	44	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	90	36.4
	2. <i>Ischaemic heart diseases</i>	35	14.1	Kencing manis <i>Diabetes mellitus</i>	24	9.7
	3. <i>Transport accidents</i>	18	7.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	7.7
	4. <i>Cerebrovascular diseases</i>	14	5.6	Darah tinggi <i>Hypertension</i>	14	5.7
	5. <i>Viral hepatitis</i>	4	1.6	Lelah <i>Asthma</i>	11	4.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>249</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>247</b>	

**Jadual 1.28: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Kelantan, 2023 (samb.)**

Table 1.28: Five principal causes of death (medically certified and non-medically certified) by administrative district, Kelantan, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Kuala Krai</b>	1. <i>Ischaemic heart diseases</i>	64	19.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	146	35.3
	2. <i>Pneumonia</i>	63	19.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	44	10.6
	3. <i>Cerebrovascular diseases</i>	21	6.5	Lelah <i>Asthma</i>	18	4.3
	4. <i>Transport accidents</i>	17	5.2	Darah tinggi <i>Hypertension</i>	18	4.3
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	6	1.8	Kencing manis <i>Diabetes mellitus</i>	17	4.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>325</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>414</b>	
<b>Jeli</b>	1. <i>Ischaemic heart diseases</i>	52	25.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	47	58.0
	2. <i>Pneumonia</i>	29	13.9	Darah tinggi <i>Hypertension</i>	3	3.7
	3. <i>Cerebrovascular diseases</i>	13	6.3	Kencing manis <i>Diabetes mellitus</i>	3	3.7
	4. <i>Transport accidents</i>	8	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	3.7
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	7	3.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2	2.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>208</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>81</b>	
<b>Kecil Lojing</b>	1. <i>Pneumonia</i>	5	16.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	6	15.4
	2. <i>Hypertensive diseases</i>	2	6.5	Lelah <i>Asthma</i>	5	12.8
	3. <i>Ischaemic heart diseases</i>	2	6.5	Kencing manis <i>Diabetes mellitus</i>	5	12.8
	4. <i>Cerebrovascular diseases</i>	2	6.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4	10.3
	5. <i>Transport accidents</i>	2	6.5	Darah tinggi <i>Hypertension</i>	2	5.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>39</b>	

**Jadual 1.29: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Melaka, 2023**

Table 1.29: Five principal causes of death (medically certified and non-medically certified) by administrative district, Melaka, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Melaka</b>	1. <i>Ischaemic heart diseases</i>	628	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,328	50.3
	2. <i>Pneumonia</i>	409	11.5	Kencing manis <i>Diabetes mellitus</i>	176	6.7
	3. <i>Cerebrovascular diseases</i>	244	6.9	Darah tinggi <i>Hypertension</i>	140	5.3
	4. <i>Transport accidents</i>	143	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	96	3.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	80	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	52	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,551</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,639</b>	
<b>Alor Gajah</b>	1. <i>Ischaemic heart diseases</i>	145	16.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	397	57.0
	2. <i>Pneumonia</i>	99	11.3	Kencing manis <i>Diabetes mellitus</i>	36	5.2
	3. <i>Cerebrovascular diseases</i>	52	5.9	Darah tinggi <i>Hypertension</i>	35	5.0
	4. <i>Transport accidents</i>	43	4.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	18	2.6
	5. <i>Chronic lower respiratory diseases</i>	27	3.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	10	1.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>875</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>696</b>	
<b>Jasin</b>	1. <i>Ischaemic heart diseases</i>	111	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	313	62.7
	2. <i>Pneumonia</i>	72	11.5	Kencing manis <i>Diabetes mellitus</i>	19	3.8
	3. <i>Cerebrovascular diseases</i>	37	5.9	Darah tinggi <i>Hypertension</i>	15	3.0
	4. <i>Transport accidents</i>	29	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	2.4
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	17	2.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	7	1.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>628</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>499</b>	

**Jadual 1.29: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Melaka, 2023 (samb.)**

Table 1.29: Five principal causes of death (medically certified and non-medically certified) by administrative district, Melaka, 2023 (cont'd)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Melaka Tengah</b>	1. <i>Ischaemic heart diseases</i>	372	18.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	618 42.8
	2. <i>Pneumonia</i>	238	11.6	Kencing manis <i>Diabetes mellitus</i>	121 8.4
	3. <i>Cerebrovascular diseases</i>	155	7.6	Darah tinggi <i>Hypertension</i>	90 6.2
	4. <i>Transport accidents</i>	71	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	66 4.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	43	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	38 2.6
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>2,048</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,444</b>

**Jadual 1.30: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2023**

Table 1.30: Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Negeri Sembilan</b>	1. <i>Ischaemic heart diseases</i>	765	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,657	55.6
	2. <i>Pneumonia</i>	655	12.5	Kencing manis <i>Diabetes mellitus</i>	135	4.5
	3. <i>Cerebrovascular diseases</i>	378	7.2	Darah tinggi <i>Hypertension</i>	97	3.3
	4. <i>Transport accidents</i>	249	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	73	2.4
	5. <i>Chronic lower respiratory diseases</i>	118	2.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	60	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5,250</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,982</b>	
<b>Jejebu</b>	1. <i>Ischaemic heart diseases</i>	58	19.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	36	47.4
	2. <i>Pneumonia</i>	55	18.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	5	6.6
	3. <i>Diabetes mellitus</i>	20	6.6	Darah tinggi <i>Hypertension</i>	3	3.9
	4. <i>Cerebrovascular diseases</i>	17	5.6	Kencing manis <i>Diabetes mellitus</i>	3	3.9
	5. <i>Transport accidents</i>	8	2.6	Lelah <i>Asthma</i>	2	2.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>304</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>76</b>	
<b>Kuala Pilah</b>	1. <i>Pneumonia</i>	74	16.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	157	58.1
	2. <i>Ischaemic heart diseases</i>	50	10.9	Darah tinggi <i>Hypertension</i>	18	6.7
	3. <i>Cerebrovascular diseases</i>	41	9.0	Kencing manis <i>Diabetes mellitus</i>	18	6.7
	4. <i>Transport accidents</i>	25	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7	2.6
	5. <i>Chronic lower respiratory diseases</i>	17	3.7	Lelah <i>Asthma</i>	3	1.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>458</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>270</b>	

**Jadual 1.30: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2023 (samb.)**

Table 1.30: Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Port Dickson	1. <i>Ischaemic heart diseases</i>	93	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	151	46.7
	2. <i>Pneumonia</i>	45	7.9	Kencing manis <i>Diabetes mellitus</i>	16	5.0
	3. <i>Transport accidents</i>	37	6.5	Darah tinggi <i>Hypertension</i>	15	4.6
	4. <i>Cerebrovascular diseases</i>	33	5.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	11	3.4
	5. <i>Diabetes mellitus</i>	16	2.8	Barah hati <i>Liver cancer</i>	10	3.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>569</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>323</b>	
Rembau	1. <i>Pneumonia</i>	40	13.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	86	63.7
	2. <i>Ischaemic heart diseases</i>	38	12.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6	4.4
	3. <i>Cerebrovascular diseases</i>	28	9.3	Kencing manis <i>Diabetes mellitus</i>	4	3.0
	4. <i>Diabetes mellitus</i>	13	4.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	3.0
	5. <i>Transport accidents</i>	13	4.3	Barah payudara <i>Breast cancer</i>	2	1.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>300</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>135</b>	
Seremban	1. <i>Ischaemic heart diseases</i>	358	14.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	834	55.0
	2. <i>Pneumonia</i>	274	11.4	Kencing manis <i>Diabetes mellitus</i>	67	4.4
	3. <i>Cerebrovascular diseases</i>	150	6.3	Darah tinggi <i>Hypertension</i>	37	2.4
	4. <i>Transport accidents</i>	103	4.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	35	2.3
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	53	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	31	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,397</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,516</b>	

**Jadual 1.30: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Negeri Sembilan, 2023 (samb.)**

Table 1.30: Five principal causes of death (medically certified and non-medically certified) by administrative district, Negeri Sembilan, 2023 (cont'd)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Tampin</b>	1. <i>Ischaemic heart diseases</i>	68	13.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	116 48.5
	2. <i>Pneumonia</i>	67	12.8	Kencing manis <i>Diabetes mellitus</i>	12 5.0
	3. <i>Cerebrovascular diseases</i>	64	12.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	11 4.6
	4. <i>Transport accidents</i>	32	6.1	Darah tinggi <i>Hypertension</i>	9 3.8
	5. <i>Diabetes mellitus</i>	16	3.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6 2.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>525</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>239</b>
<b>Jempol</b>	1. <i>Ischaemic heart diseases</i>	100	14.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	277 65.5
	2. <i>Pneumonia</i>	100	14.3	Kencing manis <i>Diabetes mellitus</i>	15 3.5
	3. <i>Cerebrovascular diseases</i>	45	6.5	Darah tinggi <i>Hypertension</i>	13 3.1
	4. <i>Transport accidents</i>	31	4.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	10 2.4
	5. <i>Chronic lower respiratory diseases</i>	20	2.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	8 1.9
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>697</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>423</b>

**Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2023**

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Pahang</b>	1. <i>Pneumonia</i>	999	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,970	45.0
	2. <i>Ischaemic heart diseases</i>	896	14.6	Kencing manis <i>Diabetes mellitus</i>	239	5.5
	3. <i>Cerebrovascular diseases</i>	444	7.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	236	5.4
	4. <i>Transport accidents</i>	300	4.9	Darah tinggi <i>Hypertension</i>	203	4.6
	5. <i>Chronic lower respiratory diseases</i>	114	1.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	165	3.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6,128</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,380</b>	
<b>Bentong</b>	1. <i>Pneumonia</i>	73	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	205	51.0
	2. <i>Ischaemic heart diseases</i>	62	14.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	26	6.5
	3. <i>Cerebrovascular diseases</i>	23	5.3	Darah tinggi <i>Hypertension</i>	18	4.5
	4. <i>Transport accidents</i>	16	3.7	Kencing manis <i>Diabetes mellitus</i>	15	3.7
	5. <i>Chronic lower respiratory diseases</i>	10	2.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	10	2.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>433</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>402</b>	
<b>Cameron Highlands</b>	1. <i>Ischaemic heart diseases</i>	14	18.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	52	48.6
	2. <i>Pneumonia</i>	11	14.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	5.6
	3. <i>Cerebrovascular diseases</i>	5	6.5	Darah tinggi <i>Hypertension</i>	4	3.7
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	2	2.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	3.7
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2	2.6	Barah hati <i>Liver cancer</i>	3	2.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>77</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>107</b>	



**Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2023 (samb.)**

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Jerantut</b>	1. <i>Pneumonia</i>	91	22.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	200	63.7
	2. <i>Ischaemic heart diseases</i>	48	11.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	13	4.1
	3. <i>Cerebrovascular diseases</i>	23	5.6	Kencing manis <i>Diabetes mellitus</i>	11	3.5
	4. <i>Transport accidents</i>	21	5.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	10	3.2
	5. <i>Chronic lower respiratory diseases</i>	8	1.9	Darah tinggi <i>Hypertension</i>	8	2.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>412</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>314</b>	
<b>Kuantan</b>	1. <i>Pneumonia</i>	226	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	560	44.1
	2. <i>Ischaemic heart diseases</i>	175	12.1	Kencing manis <i>Diabetes mellitus</i>	78	6.1
	3. <i>Cerebrovascular diseases</i>	87	6.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	60	4.7
	4. <i>Transport accidents</i>	73	5.1	Darah tinggi <i>Hypertension</i>	58	4.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	38	2.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	37	2.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,445</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,271</b>	
<b>Lipis</b>	1. <i>Ischaemic heart diseases</i>	45	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	163	49.7
	2. <i>Pneumonia</i>	33	11.1	Radang paru-paru <i>Pneumonia</i>	15	4.6
	3. <i>Cerebrovascular diseases</i>	21	7.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	4.3
	4. <i>Transport accidents</i>	13	4.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	13	4.0
	5. <i>Diseases of the liver</i>	10	3.4	Kencing manis <i>Diabetes mellitus</i>	9	2.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>296</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>328</b>	

**Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2023 (samb.)**

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Pekan</b>	1. <i>Pneumonia</i>	72	17.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	129	27.4
	2. <i>Ischaemic heart diseases</i>	47	11.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	49	10.4
	3. <i>Transport accidents</i>	36	8.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	28	5.9
	4. <i>Cerebrovascular diseases</i>	23	5.6	Darah tinggi <i>Hypertension</i>	19	4.0
	5. <i>Chronic lower respiratory diseases</i>	11	2.7	Kencing manis <i>Diabetes mellitus</i>	18	3.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>411</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>471</b>	
<b>Raub</b>	1. <i>Ischaemic heart diseases</i>	81	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	175	62.7
	2. <i>Pneumonia</i>	68	13.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	4.3
	3. <i>Cerebrovascular diseases</i>	44	8.9	Darah tinggi <i>Hypertension</i>	7	2.5
	4. <i>Transport accidents</i>	18	3.6	Kencing manis <i>Diabetes mellitus</i>	7	2.5
	5. <i>Chronic lower respiratory diseases</i>	14	2.8	Barah payudara <i>Breast cancer</i>	5	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>494</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>279</b>	
<b>Temerloh</b>	1. <i>Ischaemic heart diseases</i>	171	17.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	178	56.2
	2. <i>Pneumonia</i>	148	15.5	Darah tinggi <i>Hypertension</i>	13	4.1
	3. <i>Cerebrovascular diseases</i>	92	9.6	Kencing manis <i>Diabetes mellitus</i>	11	3.5
	4. <i>Diabetes mellitus</i>	42	4.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	9	2.8
	5. <i>Transport accidents</i>	36	3.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	8	2.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>954</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>317</b>	

**Jadual 1.31: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pahang, 2023 (samb.)**

Table 1.31: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pahang, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Rompin</b>	1. <i>Pneumonia</i>	73	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	130	38.8
	2. <i>Ischaemic heart diseases</i>	62	13.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	21	6.3
	3. <i>Transport accidents</i>	39	8.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	16	4.8
	4. <i>Cerebrovascular diseases</i>	27	5.8	Kencing manis <i>Diabetes mellitus</i>	15	4.5
	5. <i>Chronic lower respiratory diseases</i>	9	1.9	Lelah <i>Asthma</i>	11	3.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>467</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>335</b>	
<b>Maran</b>	1. <i>Ischaemic heart diseases</i>	109	16.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	101	34.1
	2. <i>Pneumonia</i>	108	16.5	Kencing manis <i>Diabetes mellitus</i>	41	13.9
	3. <i>Cerebrovascular diseases</i>	63	9.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	33	11.1
	4. <i>Transport accidents</i>	28	4.3	Darah tinggi <i>Hypertension</i>	25	8.4
	5. <i>Chronic lower respiratory diseases</i>	16	2.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	7	2.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>654</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>296</b>	
<b>Bera</b>	1. <i>Pneumonia</i>	96	19.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	77	29.6
	2. <i>Ischaemic heart diseases</i>	82	16.9	Darah tinggi <i>Hypertension</i>	38	14.6
	3. <i>Cerebrovascular diseases</i>	36	7.4	Kencing manis <i>Diabetes mellitus</i>	31	11.9
	4. <i>Diabetes mellitus</i>	22	4.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	22	8.5
	5. <i>Transport accidents</i>	18	3.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	10	3.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>485</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>260</b>	

**Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2023**

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2023

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Perak	1. <i>Ischaemic heart diseases</i>	2,002	15.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4,970	61.8
	2. <i>Pneumonia</i>	1,999	15.6	Kencing manis <i>Diabetes mellitus</i>	312	3.9
	3. <i>Cerebrovascular diseases</i>	984	7.7	Darah tinggi <i>Hypertension</i>	302	3.8
	4. <i>Transport accidents</i>	429	3.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	245	3.0
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	226	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	111	1.4
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>12,791</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>8,048</b>	
Batang Padang	1. <i>Pneumonia</i>	105	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	296	61.8
	2. <i>Ischaemic heart diseases</i>	92	14.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	2.5
	3. <i>Cerebrovascular diseases</i>	44	6.8	Kencing manis <i>Diabetes mellitus</i>	11	2.3
	4. <i>Transport accidents</i>	33	5.1	Darah tinggi <i>Hypertension</i>	9	1.9
	5. <i>Diseases of the liver</i>	16	2.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	7	1.5
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>644</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>479</b>	
Manjung	1. <i>Ischaemic heart diseases</i>	196	16.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	391	68.4
	2. <i>Pneumonia</i>	148	12.4	Kencing manis <i>Diabetes mellitus</i>	17	3.0
	3. <i>Cerebrovascular diseases</i>	71	6.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	2.1
	4. <i>Transport accidents</i>	44	3.7	Darah tinggi <i>Hypertension</i>	11	1.9
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	25	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	10	1.7
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>1,191</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>572</b>	

**Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2023 (samb.)**

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Kinta</b>	1. <i>Pneumonia</i>	542	14.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,823	62.8
	2. <i>Ischaemic heart diseases</i>	516	13.9	Darah tinggi <i>Hypertension</i>	122	4.2
	3. <i>Cerebrovascular diseases</i>	297	8.0	Kencing manis <i>Diabetes mellitus</i>	83	2.9
	4. <i>Transport accidents</i>	112	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	75	2.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	100	2.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	60	2.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,713</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,901</b>	
<b>Kerian</b>	1. <i>Pneumonia</i>	157	18.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	487	62.0
	2. <i>Ischaemic heart diseases</i>	105	12.6	Kencing manis <i>Diabetes mellitus</i>	51	6.5
	3. <i>Cerebrovascular diseases</i>	62	7.4	Darah tinggi <i>Hypertension</i>	44	5.6
	4. <i>Transport accidents</i>	33	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	2.4
	5. <i>Diabetes mellitus</i>	12	1.4	Lelah <i>Asthma</i>	11	1.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>833</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>786</b>	
<b>Kuala Kangsar</b>	1. <i>Pneumonia</i>	192	20.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	481	65.5
	2. <i>Ischaemic heart diseases</i>	118	12.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	21	2.9
	3. <i>Cerebrovascular diseases</i>	58	6.3	Kencing manis <i>Diabetes mellitus</i>	20	2.7
	4. <i>Transport accidents</i>	30	3.3	Darah tinggi <i>Hypertension</i>	14	1.9
	5. <i>Diseases of the liver</i>	17	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	9	1.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>922</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>734</b>	

**Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2023 (samb.)**

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Larut &amp; Matang</b>	1. <i>Ischaemic heart diseases</i>	333	16.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	421	55.4
	2. <i>Pneumonia</i>	315	15.9	Kencing manis <i>Diabetes mellitus</i>	42	5.5
	3. <i>Cerebrovascular diseases</i>	164	8.3	Darah tinggi <i>Hypertension</i>	36	4.7
	4. <i>Diabetes mellitus</i>	53	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	34	4.5
	5. <i>Transport accidents</i>	52	2.6	Barah payudara <i>Breast cancer</i>	11	1.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,987</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>760</b>	
<b>Hilir Perak</b>	1. <i>Ischaemic heart diseases</i>	167	17.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	181	42.8
	2. <i>Pneumonia</i>	156	16.1	Kencing manis <i>Diabetes mellitus</i>	36	8.5
	3. <i>Cerebrovascular diseases</i>	75	7.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	27	6.4
	4. <i>Diabetes mellitus</i>	30	3.1	Darah tinggi <i>Hypertension</i>	26	6.1
	5. <i>Transport accidents</i>	29	3.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	12	2.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>966</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>423</b>	
<b>Hulu Perak</b>	1. <i>Ischaemic heart diseases</i>	121	19.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	118	64.5
	2. <i>Pneumonia</i>	80	12.7	Darah tinggi <i>Hypertension</i>	9	4.9
	3. <i>Cerebrovascular diseases</i>	55	8.7	Kencing manis <i>Diabetes mellitus</i>	9	4.9
	4. <i>Transport accidents</i>	26	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	6	3.3
	5. <i>Chronic lower respiratory diseases</i>	16	2.5	Lelah <i>Asthma</i>	2	1.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>629</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>183</b>	

**Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2023 (samb.)**

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Perak Tengah</b>	1. <i>Ischaemic heart diseases</i>	96	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	187	65.8
	2. <i>Pneumonia</i>	85	14.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	4.9
	3. <i>Cerebrovascular diseases</i>	34	5.8	Darah tinggi <i>Hypertension</i>	7	2.5
	4. <i>Transport accidents</i>	24	4.1	Kencing manis <i>Diabetes mellitus</i>	6	2.1
	5. <i>Chronic lower respiratory diseases</i>	17	2.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	4	1.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>585</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>284</b>	
<b>Kampar</b>	1. <i>Pneumonia</i>	96	20.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	281	72.6
	2. <i>Ischaemic heart diseases</i>	77	16.7	Kencing manis <i>Diabetes mellitus</i>	10	2.6
	3. <i>Cerebrovascular diseases</i>	29	6.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9	2.3
	4. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	11	2.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	8	2.1
	5. <i>Transport accidents</i>	10	2.2	Barah hati <i>Liver cancer</i>	3	0.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>462</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>387</b>	
<b>Muallim</b>	1. <i>Ischaemic heart diseases</i>	60	27.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	104	55.9
	2. <i>Pneumonia</i>	24	10.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	6	3.2
	3. <i>Cerebrovascular diseases</i>	18	8.1	Darah tinggi <i>Hypertension</i>	6	3.2
	4. <i>Transport accidents</i>	15	6.8	Kencing manis <i>Diabetes mellitus</i>	6	3.2
	5. <i>Chronic lower respiratory diseases</i>	7	3.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	5	2.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>221</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>186</b>	

**Jadual 1.32: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perak, 2023 (samb.)**

Table 1.32: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Bagan Datuk</b>	1. <i>Ischaemic heart diseases</i>	65	19.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	129	52.4
	2. <i>Pneumonia</i>	51	15.2	Kencing manis <i>Diabetes mellitus</i>	17	6.9
	3. <i>Cerebrovascular diseases</i>	30	8.9	Darah tinggi <i>Hypertension</i>	12	4.9
	4. <i>Transport accidents</i>	13	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	11	4.5
	5. <i>Diabetes mellitus</i>	7	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	5	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>336</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>246</b>	
<b>Selama</b>	1. <i>Ischaemic heart diseases</i>	56	18.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	71	66.4
	2. <i>Pneumonia</i>	48	15.9	Darah tinggi <i>Hypertension</i>	4	3.7
	3. <i>Cerebrovascular diseases</i>	47	15.6	Kencing manis <i>Diabetes mellitus</i>	4	3.7
	4. <i>Diabetes mellitus</i>	14	4.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	3	2.8
	5. <i>Hypertensive diseases</i>	8	2.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	2.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>302</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>107</b>	



**Jadual 1.33: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Perlis, 2023**

Table 1.33: Five principal causes of death (medically certified and non-medically certified) by administrative district, Perlis, 2023

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Perlis</b>	1. <i>Pneumonia</i>	248	18.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	365 43.6
	2. <i>Ischaemic heart diseases</i>	202	15.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	80 9.6
	3. <i>Cerebrovascular diseases</i>	111	8.3	Kencing manis <i>Diabetes mellitus</i>	63 7.5
	4. <i>Transport accidents</i>	44	3.3	Darah tinggi <i>Hypertension</i>	59 7.0
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	26	1.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	35 4.2
		<b>Keseluruhan sebab</b> <i>All causes</i>		<b>Keseluruhan sebab</b> <i>All causes</i>	
		<b>1,334</b>		<b>837</b>	

**Jadual 1.34: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pulau Pinang, 2023**

Table 1.34: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pulau Pinang, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Pulau Pinang</b>	1. <i>Pneumonia</i>	1,394	17.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,563	57.4
	2. <i>Ischaemic heart diseases</i>	1,209	15.4	Darah tinggi <i>Hypertension</i>	283	6.3
	3. <i>Cerebrovascular diseases</i>	415	5.3	Kencing manis <i>Diabetes mellitus</i>	203	4.5
	4. <i>Transport accidents</i>	311	4.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	152	3.4
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	174	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	71	1.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7,839</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,465</b>	
<b>Seberang Perai Tengah</b>	1. <i>Pneumonia</i>	263	15.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	731	67.6
	2. <i>Ischaemic heart diseases</i>	255	15.4	Kencing manis <i>Diabetes mellitus</i>	31	2.9
	3. <i>Cerebrovascular diseases</i>	92	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	25	2.3
	4. <i>Transport accidents</i>	82	4.9	Darah tinggi <i>Hypertension</i>	24	2.2
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	31	1.9	Barah payudara <i>Breast cancer</i>	15	1.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,658</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,082</b>	
<b>Seberang Perai Utara</b>	1. <i>Ischaemic heart diseases</i>	278	16.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	522	66.2
	2. <i>Pneumonia</i>	263	15.9	Darah tinggi <i>Hypertension</i>	50	6.3
	3. <i>Cerebrovascular diseases</i>	109	6.6	Kencing manis <i>Diabetes mellitus</i>	35	4.4
	4. <i>Transport accidents</i>	76	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	20	2.5
	5. <i>Diabetes mellitus</i>	45	2.7	Barah payudara <i>Breast cancer</i>	8	1.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,653</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>789</b>	

**Jadual 1.34: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Pulau Pinang, 2023 (samb.)**

Table 1.34: Five principal causes of death (medically certified and non-medically certified) by administrative district, Pulau Pinang, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Seberang Perai Selatan</b>	1. <i>Pneumonia</i>	151	16.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	296	64.2
	2. <i>Ischaemic heart diseases</i>	118	13.1	Kencing manis <i>Diabetes mellitus</i>	23	5.0
	3. <i>Transport accidents</i>	54	6.0	Darah tinggi <i>Hypertension</i>	16	3.5
	4. <i>Cerebrovascular diseases</i>	50	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	13	2.8
	5. <i>Diabetes mellitus</i>	28	3.1	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	9	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>901</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>461</b>	
<b>Timur Laut</b>	1. <i>Pneumonia</i>	527	20.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	881	51.9
	2. <i>Ischaemic heart diseases</i>	410	15.8	Darah tinggi <i>Hypertension</i>	123	7.3
	3. <i>Cerebrovascular diseases</i>	106	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	75	4.4
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	71	2.7	Kencing manis <i>Diabetes mellitus</i>	70	4.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	71	2.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	38	2.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,597</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,696</b>	
<b>Barat Daya</b>	1. <i>Pneumonia</i>	190	18.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	133	30.4
	2. <i>Ischaemic heart diseases</i>	148	14.4	Darah tinggi <i>Hypertension</i>	70	16.0
	3. <i>Cerebrovascular diseases</i>	58	5.6	Kencing manis <i>Diabetes mellitus</i>	44	10.1
	4. <i>Transport accidents</i>	39	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	4.3
	5. <i>Diabetes mellitus</i>	26	2.5	Barah payudara <i>Breast cancer</i>	10	2.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,030</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>437</b>	

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Sabah</b>	1. <i>Pneumonia</i>	1,134	14.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,212	25.7
	2. <i>Ischaemic heart diseases</i>	635	7.9	Darah tinggi <i>Hypertension</i>	133	1.5
	3. <i>Cerebrovascular diseases</i>	530	6.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	128	1.5
	4. <i>Hypertensive diseases</i>	200	2.5	Kencing manis <i>Diabetes mellitus</i>	83	1.0
	5. <i>Chronic lower respiratory diseases</i>	188	2.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	44	0.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>8,009</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>8,601</b>	
<b>Tawau</b>	1. <i>Pneumonia</i>	70	13.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	377	39.2
	2. <i>Ischaemic heart diseases</i>	54	10.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7	0.7
	3. <i>Cerebrovascular diseases</i>	43	8.1	Radang paru-paru <i>Pneumonia</i>	3	0.3
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	12	2.3	Lelah <i>Asthma</i>	2	0.2
	5. <i>Chronic lower respiratory diseases</i>	12	2.3	Darah tinggi <i>Hypertension</i>	2	0.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>532</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>962</b>	
<b>Lahad datu</b>	1. <i>Pneumonia</i>	42	13.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	97	21.5
	2. <i>Ischaemic heart diseases</i>	35	11.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	2.7
	3. <i>Cerebrovascular diseases</i>	14	4.4	Darah tinggi <i>Hypertension</i>	9	2.0
	4. <i>Transport accidents</i>	12	3.8	Kencing manis <i>Diabetes mellitus</i>	7	1.5
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	11	3.5	Barah payudara <i>Breast cancer</i>	5	1.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>318</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>452</b>	

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Semporna</b>	1. <i>Pneumonia</i>	37	13.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	172	34.0
	2. <i>Cerebrovascular diseases</i>	21	7.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	2.4
	3. <i>Ischaemic heart diseases</i>	20	7.0	Kencing manis <i>Diabetes mellitus</i>	8	1.6
	4. <i>Transport accidents</i>	14	4.9	Darah tinggi <i>Hypertension</i>	7	1.4
	5. <i>Malignant neoplasm of breast</i>	10	3.5	Barah hati <i>Liver cancer</i>	4	0.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>285</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>506</b>	
<b>Sandakan</b>	1. <i>Ischaemic heart diseases</i>	158	17.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	173	21.2
	2. <i>Pneumonia</i>	132	14.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	1.5
	3. <i>Cerebrovascular diseases</i>	77	8.6	Darah tinggi <i>Hypertension</i>	10	1.2
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	24	2.7	Barah hati <i>Liver cancer</i>	4	0.5
	5. <i>Chronic lower respiratory diseases</i>	23	2.6	Kencing manis <i>Diabetes mellitus</i>	4	0.5
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>899</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>815</b>		
<b>Kinabatangan</b>	1. <i>Pneumonia</i>	19	18.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	30	21.3
	2. <i>Ischaemic heart diseases</i>	8	7.8	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	3	2.1
	3. <i>Malignant neoplasm of colon, rectum and anus</i>	3	2.9	Kencing manis <i>Diabetes mellitus</i>	3	2.1
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	3	2.9	Lelah <i>Asthma</i>	1	0.7
	5. <i>Hypertensive diseases</i>	3	2.9	Barah hati <i>Liver cancer</i>	1	0.7
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>103</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>141</b>		

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Beluran</b>	1. <i>Pneumonia</i>	27	20.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	53	24.3
	2. <i>Ischaemic heart diseases</i>	17	12.9	Demam <i>Fever</i>	2	0.9
	3. <i>Cerebrovascular diseases</i>	7	5.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	0.9
	4. <i>Respiratory tuberculosis</i>	3	2.3	Barah bibir,dalam mulut dan tekak <i>Lip, oral cavity and pharynx cancer</i>	1	0.5
	5. <i>Malignant neoplasm of lip, oral cavity and pharynx</i>	3	2.3	Barah pundi kencing <i>Urinary bladder cancer</i>	1	0.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>132</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>218</b>	
<b>Kota Kinabalu</b>	1. <i>Pneumonia</i>	155	15.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	175	21.5
	2. <i>Ischaemic heart diseases</i>	70	6.9	Darah tinggi <i>Hypertension</i>	17	2.1
	3. <i>Cerebrovascular diseases</i>	53	5.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	13	1.6
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	32	3.1	Kencing manis <i>Diabetes mellitus</i>	9	1.1
	5. <i>Malignant neoplasm of breast</i>	24	2.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	7	0.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,016</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>815</b>	
<b>Ranau</b>	1. <i>Pneumonia</i>	49	15.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	82	35.5
	2. <i>Cerebrovascular diseases</i>	20	6.3	Darah tinggi <i>Hypertension</i>	3	1.3
	3. <i>Ischaemic heart diseases</i>	16	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	0.9
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	9	2.8	Anemia <i>Anaemias</i>	1	0.4
	5. <i>Hypertensive diseases</i>	9	2.8	Mati Lemas <i>Drowning</i>	1	0.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>319</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>231</b>	

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>		
	Bil. No.	%	Bil. No.	%	
Kota Belud	1. <i>Pneumonia</i>	51	13.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	85 22.5
	2. <i>Cerebrovascular diseases</i>	23	5.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	9 2.4
	3. <i>Ischaemic heart diseases</i>	15	3.8	Darah tinggi <i>Hypertension</i>	4 1.1
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	12	3.1	Kencing manis <i>Diabetes mellitus</i>	3 0.8
	5. <i>Transport accidents</i>	12	3.1	Lelah <i>Asthma</i>	1 0.3
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>390</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>378</b>
Tuaran	1. <i>Pneumonia</i>	78	14.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	127 27.2
	2. <i>Cerebrovascular diseases</i>	36	6.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7 1.5
	3. <i>Ischaemic heart diseases</i>	35	6.6	Darah tinggi <i>Hypertension</i>	6 1.3
	4. <i>Hypertensive diseases</i>	18	3.4	Kencing manis <i>Diabetes mellitus</i>	4 0.9
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	15	2.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	4 0.9
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>532</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>467</b>
Penampang	1. <i>Pneumonia</i>	62	15.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	48 14.5
	2. <i>Cerebrovascular diseases</i>	32	8.0	Darah tinggi <i>Hypertension</i>	13 3.9
	3. <i>Ischaemic heart diseases</i>	29	7.3	Kencing manis <i>Diabetes mellitus</i>	7 2.1
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	14	3.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7 2.1
	5. <i>Hypertensive diseases</i>	11	2.8	Barah pankreas <i>Pancreas cancer</i>	3 0.9
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>400</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>331</b>

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Papar</b>	1. <i>Pneumonia</i>	63	12.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	137	24.6
	2. <i>Cerebrovascular diseases</i>	33	6.7	Kencing manis <i>Diabetes mellitus</i>	9	1.6
	3. <i>Ischaemic heart diseases</i>	32	6.5	Darah tinggi <i>Hypertension</i>	7	1.3
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	14	2.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	7	1.3
	5. <i>Transport accidents</i>	11	2.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	4	0.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>495</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>556</b>	
<b>Kudat</b>	1. <i>Pneumonia</i>	41	15.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	113	36.2
	2. <i>Ischaemic heart diseases</i>	17	6.3	Darah tinggi <i>Hypertension</i>	4	1.3
	3. <i>Cerebrovascular diseases</i>	16	5.9	Kencing manis <i>Diabetes mellitus</i>	2	0.6
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	7	2.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	0.6
	5. <i>Transport accidents</i>	7	2.6	Radang paru-paru <i>Pneumonia</i>	2	0.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>271</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>312</b>	
<b>Kota Marudu</b>	1. <i>Pneumonia</i>	29	11.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	55	20.2
	2. <i>Cerebrovascular diseases</i>	27	10.7	Darah tinggi <i>Hypertension</i>	16	5.9
	3. <i>Ischaemic heart diseases</i>	15	5.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	5	1.8
	4. <i>Chronic lower respiratory diseases</i>	12	4.7	Lelah <i>Asthma</i>	3	1.1
	5. <i>Transport accidents</i>	8	3.2	Kencing manis <i>Diabetes mellitus</i>	3	1.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>253</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>272</b>	



**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Pitas</b>	1. <i>Pneumonia</i>	33	17.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	66	31.1
	2. <i>Cerebrovascular diseases</i>	11	5.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4	1.9
	3. <i>Ischaemic heart diseases</i>	9	4.8	Lelah <i>Asthma</i>	2	0.9
	4. <i>Transport accidents</i>	7	3.8	Darah tinggi <i>Hypertension</i>	2	0.9
	5. <i>Malignant neoplasm of stomach</i>	5	2.7	Kencing manis <i>Diabetes mellitus</i>	2	0.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>186</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>212</b>	
<b>Beaufort</b>	1. <i>Pneumonia</i>	43	12.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	86	26.4
	2. <i>Ischaemic heart diseases</i>	21	6.3	Darah tinggi <i>Hypertension</i>	4	1.2
	3. <i>Cerebrovascular diseases</i>	20	6.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	0.9
	4. <i>Hypertensive diseases</i>	16	4.8	Kencing manis <i>Diabetes mellitus</i>	2	0.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	7	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>335</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>326</b>	
<b>Kuala Penyu</b>	1. <i>Pneumonia</i>	31	20.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	34	22.1
	2. <i>Chronic lower respiratory diseases</i>	9	6.1	Lelah <i>Asthma</i>	3	1.9
	3. <i>Ischaemic heart diseases</i>	6	4.1	Kencing manis <i>Diabetes mellitus</i>	2	1.3
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	4	2.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	1.3
	5. <i>Malignant neoplasm of breast</i>	4	2.7	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>148</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>154</b>	

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Sipitang	1. <i>Pneumonia</i>	14	10.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	24	20.5
	2. <i>Ischaemic heart diseases</i>	11	8.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	2.6
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	6	4.5	Darah tinggi <i>Hypertension</i>	1	0.9
	4. <i>Cerebrovascular diseases</i>	5	3.8	Penyakit hati <i>Liver disease</i>	1	0.9
	5. <i>Respiratory tuberculosis</i>	3	2.3	Radang paru-paru <i>Pneumonia</i>	1	0.9
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>133</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>117</b>	
Tenom	1. <i>Pneumonia</i>	24	12.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	63	31.2
	2. <i>Ischaemic heart diseases</i>	10	5.3	Kencing manis <i>Diabetes mellitus</i>	3	1.5
	3. <i>Chronic lower respiratory diseases</i>	10	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3	1.5
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	8	4.2	Lelah <i>Asthma</i>	2	1.0
	5. <i>Cerebrovascular diseases</i>	8	4.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2	1.0
<b>Keseluruhan sebab <i>All causes</i></b>	<b>189</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>202</b>		
Nabawan	1. <i>Pneumonia</i>	11	13.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	22	31.4
	2. <i>Ischaemic heart diseases</i>	7	8.8	Darah tinggi <i>Hypertension</i>	2	2.9
	3. <i>Chronic lower respiratory diseases</i>	5	6.3	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	2	2.9
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	4	5.0	AIDS/HIV	1	1.4
	5. <i>Hypertensive diseases</i>	3	3.8	Lelah <i>Asthma</i>	1	1.4
<b>Keseluruhan sebab <i>All causes</i></b>	<b>80</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>70</b>		

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>		
	Bil. No.	%	Bil. No.	%	
Keningau	1. <i>Pneumonia</i>	51	12.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	82 20.5
	2. <i>Cerebrovascular diseases</i>	38	9.1	Darah tinggi <i>Hypertension</i>	14 3.5
	3. <i>Hypertensive diseases</i>	22	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	13 3.3
	4. <i>Ischaemic heart diseases</i>	13	3.1	Kencing manis <i>Diabetes mellitus</i>	5 1.3
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	11	2.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	5 1.3
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>417</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>400</b>
Tambunan	1. <i>Pneumonia</i>	22	15.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	19 15.3
	2. <i>Cerebrovascular diseases</i>	9	6.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	3 2.4
	3. <i>Hypertensive diseases</i>	7	4.8	Barah hati <i>Liver cancer</i>	2 1.6
	4. <i>Malignant neoplasm of breast</i>	6	4.1	Darah tinggi <i>Hypertension</i>	2 1.6
	5. <i>Diseases of the liver</i>	6	4.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2 1.6
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>147</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>124</b>
Kunak	1. <i>Pneumonia</i>	12	10.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	32 23.2
	2. <i>Cerebrovascular diseases</i>	10	8.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	2 1.4
	3. <i>Ischaemic heart diseases</i>	8	7.1	Kencing manis <i>Diabetes mellitus</i>	2 1.4
	4. <i>Diabetes mellitus</i>	6	5.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2 1.4
	5. <i>Chronic lower respiratory diseases</i>	6	5.4	Lelah <i>Asthma</i>	1 0.7
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>112</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>138</b>

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Tongod</b>	1. Cerebrovascular diseases	7	10.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13	17.1
	2. Pneumonia	7	10.0	Radang paru-paru <i>Pneumonia</i>	2	2.6
	3. Ischaemic heart diseases	6	8.6	Darah tinggi <i>Hypertension</i>	1	1.3
	4. Transport accidents	3	4.3	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	1.3
	5. Malignant neoplasm of lip, oral cavity and pharynx	2	2.9	Kencing manis <i>Diabetes mellitus</i>	1	1.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>70</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>76</b>	
<b>Putatan</b>	1. Pneumonia	22	12.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16	9.4
	2. Ischaemic heart diseases	13	7.4	Kencing manis <i>Diabetes mellitus</i>	6	3.5
	3. Cerebrovascular diseases	8	4.5	Darah tinggi <i>Hypertension</i>	3	1.8
	4. Malignant neoplasm of colon, rectum and anus	4	2.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.6
	5. Malignant neoplasm of trachea, bronchus and lung	4	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	0.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>176</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>170</b>	
<b>Telupid</b>	1. Pneumonia	7	20.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13	20.3
	2. Ischaemic heart diseases	5	14.7	Darah tinggi <i>Hypertension</i>	2	3.1
	3. Cerebrovascular diseases	2	5.9	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	2	3.1
	4. Malignant neoplasm of larynx	1	2.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	2	3.1
	5. Non-Hodgkins lymphoma	1	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	3.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>34</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>64</b>	

**Jadual 1.35: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sabah, 2023 (samb.)**

Table 1.35: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sabah, 2023 (cont'd)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Kalabakan</b>	1. <i>Malignant neoplasm of breast</i>	3	8.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18 19.6
	2. <i>Chronic lower respiratory diseases</i>	3	8.1	Darah tinggi <i>Hypertension</i>	1 1.1
	3. <i>Cerebrovascular diseases</i>	2	5.4	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1 1.1
	4. <i>Pneumonia</i>	2	5.4	Kencing manis <i>Diabetes mellitus</i>	1 1.1
	5. <i>Respiratory tuberculosis</i>	1	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1 1.1
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>37</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>92</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023

	Disahkan secara perubatan Medically certified		Tidak disahkan secara perubatan Non-medically certified		
	Bil. No.	%	Bil. No.	%	
<b>Sarawak</b>	1. <i>Pneumonia</i>	773	9.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	88 1.1
	2. <i>Ischaemic heart diseases</i>	640	8.2	Darah tinggi <i>Hypertension</i>	8 0.1
	3. <i>Cerebrovascular diseases</i>	552	7.1	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	5 0.1
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	272	3.5	Kencing manis <i>Diabetes mellitus</i>	4 0.0
	5. <i>Chronic lower respiratory diseases</i>	249	3.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	4 0.0
	<b>Keseluruhan sebab All causes</b>	<b>7,786</b>		<b>Keseluruhan sebab All causes</b>	<b>8,372</b>
<b>Kuching</b>	1. <i>Ischaemic heart diseases</i>	159	9.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	9 0.5
	2. <i>Pneumonia</i>	119	7.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	2 0.1
	3. <i>Cerebrovascular diseases</i>	112	7.0	Barah pankreas <i>Pancreas cancer</i>	1 0.1
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	68	4.2	Barah sel darah putih <i>Leukaemia</i>	1 0.1
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	41	2.5	Kencing manis <i>Diabetes mellitus</i>	1 0.1
	<b>Keseluruhan sebab All causes</b>	<b>1,608</b>		<b>Keseluruhan sebab All causes</b>	<b>1,820</b>
<b>Bau</b>	1. <i>Pneumonia</i>	19	10.1	-	
	2. <i>Cerebrovascular diseases</i>	16	8.5	-	
	3. <i>Hypertensive diseases</i>	8	4.2	-	
	4. <i>Ischaemic heart diseases</i>	8	4.2	-	
	5. <i>Chronic lower respiratory diseases</i>	7	3.7	-	
	<b>Keseluruhan sebab All causes</b>	<b>189</b>		<b>Keseluruhan sebab All causes</b>	<b>226</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Lundu</b>	1. <i>Pneumonia</i>	10	10.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.7
	2. <i>Ischaemic heart diseases</i>	8	8.2	-		
	3. <i>Cerebrovascular diseases</i>	7	7.2	-		
	4. <i>Chronic lower respiratory diseases</i>	7	7.2	-		
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	5.2	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>97</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>146</b>
<b>Samarahan</b>	1. <i>Cerebrovascular diseases</i>	10	6.8	Barah payudara <i>Breast cancer</i>	1	0.5
	2. <i>Ischaemic heart diseases</i>	9	6.1	Darah tinggi <i>Hypertension</i>	1	0.5
	3. <i>Pneumonia</i>	7	4.8	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	0.5
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	6	4.1	Kencing manis <i>Diabetes mellitus</i>	1	0.5
	5. <i>Hypertensive diseases</i>	6	4.1	Radang paru-paru <i>Pneumonia</i>	1	0.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>147</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>209</b>
<b>Serian</b>	1. <i>Ischaemic heart diseases</i>	38	10.4	Darah tinggi <i>Hypertension</i>	1	0.2
	2. <i>Pneumonia</i>	29	8.0	-		
	3. <i>Cerebrovascular diseases</i>	20	5.5	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	19	5.2	-		
	5. <i>Hypertensive diseases</i>	13	3.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>364</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>475</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Simunjan	1. Cerebrovascular diseases	12	9.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1	0.5
	2. Ischaemic heart diseases	9	7.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	0.5
	3. Malignant neoplasm of trachea, bronchus and lung	8	6.6	-		
	4. Pneumonia	8	6.6	-		
	5. Chronic lower respiratory diseases	7	5.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>121</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>220</b>	
Sri Aman	1. Pneumonia	19	12.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	0.3
	2. Ischaemic heart diseases	15	9.9	Darah tinggi <i>Hypertension</i>	1	0.3
	3. Malignant neoplasm of colon, rectum and anus	7	4.6	-		
	4. Chronic lower respiratory diseases	7	4.6	-		
	5. Diseases of the liver	6	3.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>152</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>366</b>	
Lubok Antu	1. Ischaemic heart diseases	9	11.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.5
	2. Pneumonia	8	9.9	-		
	3. Chronic lower respiratory diseases	5	6.2	-		
	4. Hypertensive diseases	3	3.7	-		
	5. Cerebrovascular diseases	3	3.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>81</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>184</b>	



**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Befong</b>	1. Cerebrovascular diseases	18	11.6	Darah tinggi Hypertension	1	0.5
	2. Pneumonia	14	9.0	-		
	3. Chronic lower respiratory diseases	11	7.1	-		
	4. Ischaemic heart diseases	9	5.8	-		
	5. Hypertensive diseases	7	4.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>155</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>192</b>
<b>Saratok</b>	1. Cerebrovascular diseases	14	13.2	Keracunan Poisoning	1	1.0
	2. Pneumonia	10	9.4	Sakit tua 65 tahun dan lebih Old age 65 years and over	1	1.0
	3. Ischaemic heart diseases	7	6.6	-		
	4. Chronic lower respiratory diseases	7	6.6	-		
	5. Transport accidents	3	2.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>106</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>98</b>
<b>Sarikei</b>	1. Pneumonia	24	10.3	-		
	2. Ischaemic heart diseases	21	9.1	-		
	3. Chronic lower respiratory diseases	15	6.5	-		
	4. Malignant neoplasm of colon, rectum and anus	11	4.7	-		
	5. Cerebrovascular diseases	9	3.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>232</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>140</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Maradong</b>	1. <i>Pneumonia</i>	16	14.8	-		
	2. <i>Chronic lower respiratory diseases</i>	7	6.5	-		
	3. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	4	3.7	-		
	4. <i>Ischaemic heart diseases</i>	4	3.7	-		
	5. <i>Cerebrovascular diseases</i>	4	3.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>108</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>146</b>
<b>Daro</b>	1. <i>Pneumonia</i>	4	10.8	-		
	2. <i>Diseases of the liver</i>	2	5.4	-		
	3. <i>Viral hepatitis</i>	1	2.7	-		
	4. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	1	2.7	-		
	5. <i>Non-Hodgkins lymphoma</i>	1	2.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>37</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>106</b>
<b>Julau</b>	1. <i>Pneumonia</i>	6	10.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	47	49.0
	2. <i>Ischaemic heart diseases</i>	5	8.8	Mati Lemas <i>Drowning</i>	2	2.1
	3. <i>Cerebrovascular diseases</i>	5	8.8	Kebakaran <i>Burning</i>	1	1.0
	4. <i>Respiratory tuberculosis</i>	3	5.3	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	1.0
	5. <i>Chronic lower respiratory diseases</i>	3	5.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>57</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>96</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Sibu</b>	1. <i>Pneumonia</i>	103	9.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4	0.8
	2. <i>Cerebrovascular diseases</i>	85	7.4	Darah tinggi <i>Hypertension</i>	1	0.2
	3. <i>Ischaemic heart diseases</i>	76	6.6	-	-	-
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	50	4.4	-	-	-
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	36	3.1	-	-	-
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,145</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>479</b>
<b>Dalat</b>	1. <i>Hypertensive diseases</i>	6	7.3	Demam malaria <i>Malaria</i>	1	0.8
	2. <i>Cerebrovascular diseases</i>	6	7.3	-	-	-
	3. <i>Ischaemic heart diseases</i>	4	4.9	-	-	-
	4. <i>Transport accidents</i>	3	3.7	-	-	-
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	2	2.4	-	-	-
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>82</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>129</b>
<b>Mukah</b>	1. <i>Ischaemic heart diseases</i>	14	10.2	-	-	-
	2. <i>Cerebrovascular diseases</i>	12	8.8	-	-	-
	3. <i>Pneumonia</i>	12	8.8	-	-	-
	4. <i>Chronic lower respiratory diseases</i>	9	6.6	-	-	-
	5. <i>Transport accidents</i>	7	5.1	-	-	-
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>137</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>182</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Kanowit</b>	1. <i>Pneumonia</i>	15	9.3	Mati Lemas <i>Drowning</i>	1	0.7
	2. <i>Chronic lower respiratory diseases</i>	11	6.8	-		
	3. <i>Cerebrovascular diseases</i>	9	5.6	-		
	4. <i>Ischaemic heart diseases</i>	8	5.0	-		
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	4	2.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>161</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>146</b>
<b>Bintulu</b>	1. <i>Ischaemic heart diseases</i>	27	10.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.4
	2. <i>Pneumonia</i>	21	7.9	Kencing manis <i>Diabetes mellitus</i>	1	0.4
	3. <i>Cerebrovascular diseases</i>	19	7.2	Penyakit hati <i>Liver disease</i>	1	0.4
	4. <i>Chronic lower respiratory diseases</i>	14	5.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	0.4
	5. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	12	4.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>265</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>264</b>
<b>Tatau</b>	1. <i>Ischaemic heart diseases</i>	7	10.4	-		
	2. <i>Pneumonia</i>	5	7.5	-		
	3. <i>Malignant neoplasm of stomach</i>	2	3.0	-		
	4. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	2	3.0	-		
	5. <i>Hypertensive diseases</i>	2	3.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>67</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>92</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Kapit</b>	1. Ischaemic heart diseases	12	8.6	Radang paru-paru <i>Pneumonia</i>	1	0.7
	2. <i>Pneumonia</i>	11	7.9	-		
	3. <i>Hypertensive diseases</i>	8	5.7	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	6	4.3	-		
	5. <i>Cerebrovascular diseases</i>	5	3.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>140</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>134</b>
<b>Song</b>	1. <i>Pneumonia</i>	8	12.5	-		
	2. <i>Cerebrovascular diseases</i>	6	9.4	-		
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2	3.1	-		
	4. <i>Transport accidents</i>	2	3.1	-		
	5. <i>Human immunodeficiency virus (HIV) disease</i>	1	1.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>64</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>88</b>
<b>Belaga</b>	1. <i>Cerebrovascular diseases</i>	9	13.8	-		
	2. <i>Pneumonia</i>	6	9.2	-		
	3. <i>Malignant neoplasm of lip, oral cavity and pharynx</i>	5	7.7	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2	3.1	-		
	5. <i>Hypertensive diseases</i>	2	3.1	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>65</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>70</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Miri</b>	1. <i>Pneumonia</i>	114	15.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4	0.6
	2. <i>Ischaemic heart diseases</i>	67	9.3	Barah hati <i>Liver cancer</i>	2	0.3
	3. <i>Cerebrovascular diseases</i>	44	6.1	Darah tinggi <i>Hypertension</i>	2	0.3
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	24	3.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.2
	5. <i>Chronic lower respiratory diseases</i>	18	2.5	Barah limfoma <i>Lymphoma</i>	1	0.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>724</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>639</b>	
<b>Marudi</b>	1. <i>Pneumonia</i>	18	17.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13	16.3
	2. <i>Ischaemic heart diseases</i>	9	8.9	-		
	3. <i>Cerebrovascular diseases</i>	7	6.9	-		
	4. <i>Chronic lower respiratory diseases</i>	5	5.0	-		
	5. <i>Malignant neoplasm of pancreas</i>	4	4.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>101</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>80</b>	
<b>Limbang</b>	1. <i>Cerebrovascular diseases</i>	34	12.8	Darah tinggi <i>Hypertension</i>	1	1.7
	2. <i>Pneumonia</i>	34	12.8	Kencing manis <i>Diabetes mellitus</i>	1	1.7
	3. <i>Ischaemic heart diseases</i>	23	8.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	1.7
	4. <i>Chronic lower respiratory diseases</i>	12	4.5	-		
	5. <i>Hypertensive diseases</i>	10	3.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>266</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>58</b>	

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Lawas</b>	1. <i>Pneumonia</i>	14	10.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	0.9
	2. <i>Ischaemic heart diseases</i>	12	8.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	0.9
	3. <i>Malignant neoplasm of colon, rectum and anus</i>	6	4.3	-		
	4. <i>Cerebrovascular diseases</i>	6	4.3	-		
	5. <i>Hypertensive diseases</i>	5	3.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>140</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>116</b>
<b>Matu</b>	1. <i>Cerebrovascular diseases</i>	5	11.6	-		
	2. <i>Ischaemic heart diseases</i>	3	7.0	-		
	3. <i>Pneumonia</i>	3	7.0	-		
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	2	4.7	-		
	5. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	2	4.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>43</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>106</b>
<b>Asajaya</b>	1. <i>Ischaemic heart diseases</i>	9	10.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.6
	2. <i>Cerebrovascular diseases</i>	8	9.6	-		
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	6.0	-		
	4. <i>Malignant neoplasm of breast</i>	4	4.8	-		
	5. <i>Pneumonia</i>	3	3.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>83</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>169</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Pakan</b>	1. <i>Pneumonia</i>	10	18.9	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	1.5
	2. <i>Cerebrovascular diseases</i>	7	13.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	1.5
	3. <i>Chronic lower respiratory diseases</i>	4	7.5	-		
	4. <i>Respiratory tuberculosis</i>	2	3.8	-		
	5. <i>Ischaemic heart diseases</i>	2	3.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>53</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>66</b>
<b>Selangau</b>	1. <i>Cerebrovascular diseases</i>	6	8.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.8
	2. <i>Ischaemic heart diseases</i>	5	6.8	-		
	3. <i>Pneumonia</i>	5	6.8	-		
	4. <i>Transport accidents</i>	5	6.8	-		
	5. <i>Chronic lower respiratory diseases</i>	4	5.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>73</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>127</b>
<b>Tebedu</b>	1. <i>Pneumonia</i>	8	9.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.9
	2. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	4	4.9	-		
	3. <i>Malignant neoplasm of trachea, bronchus and lung</i>	4	4.9	-		
	4. <i>Ischaemic heart diseases</i>	4	4.9	-		
	5. <i>Cerebrovascular diseases</i>	4	4.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>81</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>114</b>



**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Pusa</b>	1. <i>Ischaemic heart diseases</i>	10	10.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	1.8
	2. <i>Cerebrovascular diseases</i>	6	6.3	-		
	3. <i>Pneumonia</i>	6	6.3	-		
	4. <i>Diabetes mellitus</i>	5	5.2	-		
	5. <i>Hypertensive diseases</i>	5	5.2	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>96</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>55</b>
<b>Kabong</b>	1. <i>Cerebrovascular diseases</i>	9	10.8	-		
	2. <i>Ischaemic heart diseases</i>	4	4.8	-		
	3. <i>Pneumonia</i>	4	4.8	-		
	4. <i>Chronic lower respiratory diseases</i>	3	3.6	-		
	5. <i>Transport accidents</i>	3	3.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>83</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>126</b>
<b>Tanjung Manis</b>	1. <i>Ischaemic heart diseases</i>	2	10.5	Barah bibir,dalam mulut dan tekak <i>Cancer of lip, oral cavity and pharynx</i>	1	1.9
	2. <i>Pneumonia</i>	2	10.5	-		
	3. <i>Respiratory tuberculosis</i>	1	5.3	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1	5.3	-		
	5. <i>Malignant neoplasm of ovary</i>	1	5.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>19</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>53</b>

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Sebauh</b>	1. <i>Cerebrovascular diseases</i>	10	13.5	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	0.9
	2. <i>Pneumonia</i>	9	12.2	-		
	3. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	5	6.8	-		
	4. <i>Ischaemic heart diseases</i>	4	5.4	-		
	5. <i>Chronic lower respiratory diseases</i>	3	4.1	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>74</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>111</b>	
<b>Bukit Mabong</b>	1. <i>Pneumonia</i>	6	10.5	Radang paru-paru <i>Pneumonia</i>	1	1.2
	2. <i>Malignant neoplasm of trachea, bronchus and lung</i>	5	8.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	1.2
	3. <i>Cerebrovascular diseases</i>	5	8.8	-		
	4. <i>Ischaemic heart diseases</i>	4	7.0	-		
	5. <i>Transport accidents</i>	2	3.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>57</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>82</b>	
<b>Subis</b>	1. <i>Pneumonia</i>	30	18.3	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	0.4
	2. <i>Ischaemic heart diseases</i>	19	11.6	-		
	3. <i>Cerebrovascular diseases</i>	10	6.1	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	7	4.3	-		
	5. <i>Chronic lower respiratory diseases</i>	5	3.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>164</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>277</b>	

**Jadual 1.36: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Sarawak, 2023 (samb.)**

Table 1.36: Five principal causes of death (medically certified and non-medically certified) by administrative district, Sarawak, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Beluru</b>	1. <i>Pneumonia</i>	17	19.3	Penyakit hati <i>Liver disease</i>	1	0.9
	2. <i>Ischaemic heart diseases</i>	9	10.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1	0.9
	3. <i>Cerebrovascular diseases</i>	5	5.7	-		
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	4	4.5	-		
	5. <i>Malignant neoplasm of breast</i>	2	2.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>88</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>108</b>	
<b>Telang Usan</b>	1. <i>Pneumonia</i>	14	23.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	1.3
	2. <i>Malignant neoplasm of stomach</i>	3	4.9	-		
	3. <i>Ischaemic heart diseases</i>	3	4.9	-		
	4. <i>Malignant neoplasm of lip, oral cavity and pharynx</i>	2	3.3	-		
	5. <i>Non-Hodgkins lymphoma</i>	2	3.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>61</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>77</b>	

**Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2023**

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Selangor</b>	1. <i>Ischaemic heart diseases</i>	3,076	15.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,606	45.2
	2. <i>Pneumonia</i>	3,072	15.2	Kencing manis <i>Diabetes mellitus</i>	738	5.9
	3. <i>Cerebrovascular diseases</i>	1,283	6.3	Darah tinggi <i>Hypertension</i>	724	5.8
	4. <i>Transport accidents</i>	775	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	507	4.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	390	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	294	2.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>20,234</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12,412</b>	
<b>Gombak</b>	1. <i>Pneumonia</i>	442	17.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	628	37.0
	2. <i>Ischaemic heart diseases</i>	336	13.4	Darah tinggi <i>Hypertension</i>	171	10.1
	3. <i>Cerebrovascular diseases</i>	164	6.5	Kencing manis <i>Diabetes mellitus</i>	138	8.1
	4. <i>Transport accidents</i>	76	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	82	4.8
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	61	2.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	41	2.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,511</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,698</b>	
<b>Klang</b>	1. <i>Ischaemic heart diseases</i>	620	17.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,054	50.4
	2. <i>Pneumonia</i>	496	14.1	Kencing manis <i>Diabetes mellitus</i>	114	5.4
	3. <i>Cerebrovascular diseases</i>	245	7.0	Darah tinggi <i>Hypertension</i>	95	4.5
	4. <i>Transport accidents</i>	137	3.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	78	3.7
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	68	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	38	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,523</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,093</b>	

**Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2023 (samb.)**

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Kuala Langat</b>	1. <i>Ischaemic heart diseases</i>	178	15.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	286	47.9
	2. <i>Pneumonia</i>	155	13.7	Kencing manis <i>Diabetes mellitus</i>	44	7.4
	3. <i>Cerebrovascular diseases</i>	78	6.9	Darah tinggi <i>Hypertension</i>	34	5.7
	4. <i>Transport accidents</i>	62	5.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	24	4.0
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	26	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	9	1.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,129</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>597</b>	
<b>Kuala Selangor</b>	1. <i>Ischaemic heart diseases</i>	139	14.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	321	52.2
	2. <i>Pneumonia</i>	109	11.1	Darah tinggi <i>Hypertension</i>	25	4.1
	3. <i>Transport accidents</i>	70	7.2	Kencing manis <i>Diabetes mellitus</i>	24	3.9
	4. <i>Cerebrovascular diseases</i>	64	6.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	24	3.9
	5. <i>Chronic lower respiratory diseases</i>	21	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	15	2.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>978</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>615</b>	
<b>Petaling</b>	1. <i>Ischaemic heart diseases</i>	819	15.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,453	41.0
	2. <i>Pneumonia</i>	735	13.6	Kencing manis <i>Diabetes mellitus</i>	209	5.9
	3. <i>Cerebrovascular diseases</i>	335	6.2	Darah tinggi <i>Hypertension</i>	190	5.4
	4. <i>Transport accidents</i>	170	3.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	171	4.8
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	116	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	101	2.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5,421</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,540</b>	

**Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2023 (samb.)**

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Sabak Bernam</b>	1. <i>Ischaemic heart diseases</i>	109	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	231	48.7
	2. <i>Pneumonia</i>	101	15.2	Kencing manis <i>Diabetes mellitus</i>	43	9.1
	3. <i>Transport accidents</i>	41	6.2	Darah tinggi <i>Hypertension</i>	34	7.2
	4. <i>Cerebrovascular diseases</i>	38	5.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	22	4.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	12	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	11	2.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>663</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>474</b>	
<b>Sepang</b>	1. <i>Pneumonia</i>	125	15.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	223	46.0
	2. <i>Ischaemic heart diseases</i>	118	14.6	Kencing manis <i>Diabetes mellitus</i>	29	6.0
	3. <i>Cerebrovascular diseases</i>	38	4.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	19	3.9
	4. <i>Transport accidents</i>	35	4.3	Darah tinggi <i>Hypertension</i>	18	3.7
	5. <i>Intentional self-harm</i>	21	2.6	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	15	3.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>810</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>485</b>	
<b>Ulu Langat</b>	1. <i>Pneumonia</i>	791	18.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,132	47.3
	2. <i>Ischaemic heart diseases</i>	598	14.2	Darah tinggi <i>Hypertension</i>	131	5.5
	3. <i>Cerebrovascular diseases</i>	264	6.3	Kencing manis <i>Diabetes mellitus</i>	114	4.8
	4. <i>Transport accidents</i>	134	3.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	73	3.0
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	76	1.8	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	54	2.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,205</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,394</b>	

**Jadual 1.37: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Selangor, 2023 (samb.)**

Table 1.37: Five principal causes of death (medically certified and non-medically certified) by administrative district, Selangor, 2023 (cont'd)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Ulu Selangor</b>	1. <i>Ischaemic heart diseases</i>	159	16.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	278 53.9
	2. <i>Pneumonia</i>	118	11.9	Darah tinggi <i>Hypertension</i>	26 5.0
	3. <i>Cerebrovascular diseases</i>	57	5.7	Kencing manis <i>Diabetes mellitus</i>	23 4.5
	4. <i>Transport accidents</i>	50	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14 2.7
	5. <i>Diseases of the liver</i>	22	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	12 2.3
		<b>Keseluruhan sebab</b> <i>All causes</i>		<b>Keseluruhan sebab</b> <i>All causes</i>	
		<b>994</b>		<b>516</b>	

**Jadual 1.38: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2023**

Table 1.38: Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Terengganu</b>	1. <i>Ischaemic heart diseases</i>	776	15.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,049	37.9
	2. <i>Pneumonia</i>	692	13.6	Kencing manis <i>Diabetes mellitus</i>	241	8.7
	3. <i>Cerebrovascular diseases</i>	514	10.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	230	8.3
	4. <i>Transport accidents</i>	214	4.2	Darah tinggi <i>Hypertension</i>	225	8.1
	5. <i>Diabetes mellitus</i>	197	3.9	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	80	2.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5,087</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,770</b>	
<b>Besut</b>	1. <i>Ischaemic heart diseases</i>	94	14.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	101	19.8
	2. <i>Pneumonia</i>	87	13.3	Darah tinggi <i>Hypertension</i>	77	15.1
	3. <i>Cerebrovascular diseases</i>	49	7.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	65	12.8
	4. <i>Transport accidents</i>	41	6.3	Kencing manis <i>Diabetes mellitus</i>	63	12.4
	5. <i>Diabetes mellitus</i>	14	2.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	18	3.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>656</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>509</b>	
<b>Dungun</b>	1. <i>Pneumonia</i>	91	16.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	153	38.6
	2. <i>Ischaemic heart diseases</i>	82	14.5	Kencing manis <i>Diabetes mellitus</i>	38	9.6
	3. <i>Cerebrovascular diseases</i>	39	6.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	29	7.3
	4. <i>Diabetes mellitus</i>	23	4.1	Darah tinggi <i>Hypertension</i>	24	6.1
	5. <i>Transport accidents</i>	23	4.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	17	4.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>567</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>396</b>	



**Jadual 1.38: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2023 (samb.)**

Table 1.38: Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Kemaman</b>	1. <i>Ischaemic heart diseases</i>	147	19.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	161	42.8
	2. <i>Pneumonia</i>	129	16.7	Darah tinggi <i>Hypertension</i>	28	7.4
	3. <i>Cerebrovascular diseases</i>	73	9.5	Kencing manis <i>Diabetes mellitus</i>	26	6.9
	4. <i>Transport accidents</i>	34	4.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	25	6.6
	5. <i>Diabetes mellitus</i>	22	2.9	Barah payudara <i>Breast cancer</i>	6	1.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>771</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>376</b>	
<b>Kuala Terengganu</b>	1. <i>Ischaemic heart diseases</i>	213	15.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	247	42.0
	2. <i>Pneumonia</i>	160	11.8	Kencing manis <i>Diabetes mellitus</i>	53	9.0
	3. <i>Cerebrovascular diseases</i>	152	11.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	40	6.8
	4. <i>Diabetes mellitus</i>	74	5.5	Darah tinggi <i>Hypertension</i>	38	6.5
	5. <i>Chronic lower respiratory diseases</i>	43	3.2	Lelah <i>Asthma</i>	13	2.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,355</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>588</b>	
<b>Marang</b>	1. <i>Ischaemic heart diseases</i>	82	13.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	93	48.7
	2. <i>Pneumonia</i>	82	13.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	15	7.9
	3. <i>Cerebrovascular diseases</i>	77	12.9	Kencing manis <i>Diabetes mellitus</i>	14	7.3
	4. <i>Diabetes mellitus</i>	34	5.7	Darah tinggi <i>Hypertension</i>	12	6.3
	5. <i>Transport accidents</i>	25	4.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	6	3.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>596</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>191</b>	

**Jadual 1.38: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, Terengganu, 2023 (samb.)**

Table 1.38: Five principal causes of death (medically certified and non-medically certified) by administrative district, Terengganu, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Hulu Terengganu</b>	1. <i>Ischaemic heart diseases</i>	63	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	91	50.8
	2. <i>Cerebrovascular diseases</i>	58	14.3	Darah tinggi <i>Hypertension</i>	14	7.8
	3. <i>Pneumonia</i>	49	12.1	Kencing manis <i>Diabetes mellitus</i>	8	4.5
	4. <i>Chronic lower respiratory diseases</i>	17	4.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	6	3.4
	5. <i>Transport accidents</i>	16	4.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	5	2.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>405</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>179</b>	
<b>Setiu</b>	1. <i>Ischaemic heart diseases</i>	46	17.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	69	39.0
	2. <i>Pneumonia</i>	40	14.8	Darah tinggi <i>Hypertension</i>	13	7.3
	3. <i>Cerebrovascular diseases</i>	19	7.0	Kencing manis <i>Diabetes mellitus</i>	13	7.3
	4. <i>Transport accidents</i>	17	6.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	12	6.8
	5. <i>Chronic lower respiratory diseases</i>	9	3.3	Lelah <i>Asthma</i>	7	4.0
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>270</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>177</b>		
<b>Kuala Nerus</b>	1. <i>Pneumonia</i>	54	11.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	134	37.9
	2. <i>Ischaemic heart diseases</i>	49	10.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	38	10.7
	3. <i>Cerebrovascular diseases</i>	47	10.1	Kencing manis <i>Diabetes mellitus</i>	26	7.3
	4. <i>Transport accidents</i>	16	3.4	Darah tinggi <i>Hypertension</i>	19	5.4
	5. <i>Diabetes mellitus</i>	13	2.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	17	4.8
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>467</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>354</b>		

**Jadual 1.39: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Kuala Lumpur, 2023**

Table 1.39: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Kuala Lumpur, 2023

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>W.P. Kuala Lumpur</b>	1. <i>Ischaemic heart diseases</i>	1,099	16.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,598 55.4
	2. <i>Pneumonia</i>	989	14.6	Darah tinggi <i>Hypertension</i>	140 4.9
	3. <i>Cerebrovascular diseases</i>	472	7.0	Kencing manis <i>Diabetes mellitus</i>	130 4.5
	4. <i>Malignant neoplasm of trachea, bronchus and lung</i>	165	2.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	66 2.3
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	158	2.3	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	43 1.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>6,763</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,883</b>

**Jadual 1.40: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Labuan, 2023**

Table 1.40: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Labuan, 2023

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>W.P. Labuan</b>	1. <i>Pneumonia</i>	28	13.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	59 46.5
	2. <i>Ischaemic heart diseases</i>	21	10.2	Darah tinggi <i>Hypertension</i>	3 2.4
	3. <i>Cerebrovascular diseases</i>	17	8.3	Barah hati <i>Liver cancer</i>	2 1.6
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	6	2.9	Mati Lemas <i>Drowning</i>	2 1.6
	5. <i>Transport accidents</i>	6	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2 1.6
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>206</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>127</b>

**Jadual 1.41: Lima sebab kematian utama (disahkan dan tidak disahkan secara perubatan) mengikut daerah pentadbiran, W.P. Putrajaya, 2023**

Table 1.41: Five principal causes of death (medically certified and non-medically certified) by administrative district, W.P. Putrajaya, 2023

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>W.P. Putrajaya</b>	1. <i>Ischaemic heart diseases</i>	42	16.0	Kencing manis <i>Diabetes mellitus</i>	6 27.3
	2. <i>Pneumonia</i>	21	8.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5 22.7
	3. <i>Cerebrovascular diseases</i>	18	6.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	2 9.1
	4. <i>Malignant neoplasm of colon, rectum and anus</i>	14	5.3	Barah hati <i>Liver cancer</i>	1 4.5
	5. <i>Transport accidents</i>	12	4.6	Barah perut <i>Stomach cancer</i>	1 4.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>262</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>22</b>

**Jadual 1.42: Sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10  
Malaysia, 2023**

Table 1.42: Causes of death (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2023

Sebab kematian/ Causes of death	Bil. No.
1. Cholera	-
2. Diarrhoea and gastroenteritis of presumed infectious origin	233
3. Other intestinal infectious diseases	42
4. Respiratory tuberculosis	839
5. Other tuberculosis	218
6. Plague	-
7. Tetanus	2
8. Diphtheria	2
9. Whooping cough	20
10. Meningococcal infection	4
11. Septicaemia	5,164
12. Infections with a predominantly sexual mode of transmission	4
13. Acute poliomyelitis	-
14. Rabies	17
15. Yellow fever	-
16. Other arthropod-borne viral fevers and viral haemorrhagic fevers	119
17. Measles	1
18. Viral hepatitis	186
19. Human immunodeficiency virus [HIV] disease	149
20. Malaria	10
21. Leishmaniasis	-
22. Trypanosomiasis	-
23. Schistosomiasis	-
24. Remainder of certain infectious and parasitic diseases	2,249
25. Malignant neoplasm of lip, oral cavity and pharynx	611
26. Malignant neoplasm of oesophagus	159
27. Malignant neoplasm of stomach	420
28. Malignant neoplasm of colon, rectum and anus	2,070
29. Malignant neoplasm of liver and intrahepatic bile ducts	1,512
30. Malignant neoplasm of pancreas	663
31. Malignant neoplasm of larynx	59
32. Malignant neoplasm of trachea, bronchus and lung	2,373
33. Malignant melanoma of skin	57
34. Malignant neoplasm of breast	1,681
35. Malignant neoplasm of cervix uteri	394
36. Malignant neoplasm of other and unspecified parts of uterus	392
37. Malignant neoplasm of ovary	425
38. Malignant neoplasm of prostate	481
39. Malignant neoplasm of bladder	181
40. Malignant neoplasm of meninges, brain and other parts of central nervous system	297
41. Non-Hodgkin's lymphoma	560
42. Multiple myeloma and malignant plasma cell neoplasms	140

**Jadual 1.42: Sebab kematian (disahkan secara perubatan) mengikut Mortality Tabulation List 2, ICD-10  
Malaysia, 2023 (samb.)**

Table 1.42: Causes of death (medically certified) by Mortality Tabulation List 2, ICD-10, Malaysia, 2023 (cont'd)

Sebab kematian/ Causes of death	Bil. No.
43. Leukaemia	698
44. Remainder of malignant neoplasms	2,785
45. Anaemias	210
46. Diabetes mellitus	1,975
47. Malnutrition	45
48. Mental and behavioural disorders due to psychoactive substance use	10
49. Meningitis	96
50. Alzheimer's disease	20
51. Acute rheumatic fever and chronic rheumatic heart diseases	108
52. Hypertensive diseases	1,738
53. Ischaemic heart diseases	18,121
54. Other heart diseases	5,609
55. Cerebrovascular diseases	8,657
56. Atherosclerosis	13
57. Remainder of diseases of the circulatory system	963
58. Influenza	79
59. Pneumonia	18,181
60. Other acute lower respiratory infections	6
61. Chronic lower respiratory diseases	2,203
62. Remainder of diseases of the respiratory system	4,222
63. Gastric and duodenal ulcer	351
64. Diseases of the liver	1,491
65. Glomerular and renal tubulo-interstitial diseases	159
66. Pregnancy with abortive outcome	23
67. Other direct obstetric deaths	45
68. Indirect obstetric deaths	15
69. Certain conditions originating in the perinatal period	1,245
70. Congenital malformations, deformations and chromosomal abnormalities	1,102
71. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	5,611
72. All other diseases	12,868
73. Transport accidents	4,244
74. Falls	134
75. Accidental drowning and submersion	24
76. Exposure to smoke, fire and flames	1
77. Accidental poisoning by and exposure to noxious substances	22
78. Intentional self-harm	1,068
79. Assault	48
80. All other external causes	3,313
81. COVID-19 infection (due to)	415
<b>Keseluruhan sebab All causes</b>	<b>119,652</b>

**Jadual 1.43: Sebab kematian (tidak disahkan secara perubatan), Malaysia, 2023**

Table 1.43: Causes of death (non-medically certified), Malaysia, 2023

Sebab kematian Causes of death	Bil. No.
1. AIDS/ HIV	37
2. Alzheimer	13
3. Anemia/ Anaemias	53
4. Lelah/ Asthma	885
5. Barah bibir, dalam mulut dan tekak/ Lips, oral and throat cancer	136
6. Barah esofagus/ Esophagus cancer	32
7. Barah hati/ Liver cancer	669
8. Barah kolon, rektum dan dubur/ Colon, rectum and anus cancer	1,048
9. Barah limfoma/ Lymphoma	96
10. Barah otak dan lain-lain barah sistem saraf pusat/ Brain and other nervous system cancer	230
11. Barah ovari/ Ovary cancer	142
12. Barah pangkal rahim/ Cervix cancer	104
13. Barah pankreas/ Pancreas cancer	225
14. Barah payudara/ Breast cancer	764
15. Barah perut/ Stomach cancer	158
16. Barah peti suara/ Larynx cancer	12
17. Barah prostat/ Prostate cancer	210
18. Barah pundi kencing/ Urinary bladder cancer	65
19. Barah rahim/ Uterus cancer	171
20. Barah sel darah putih/ Leukaemia	111
21. Barah trakea, bronkus dan paru-paru/ Trachea, bronchus and lung cancer	917
22. Batuk kokol/ Whooping cough	-
23. Bunuh diri/ Suicide	-
24. Cirit birit/ Dysentery/ Diarrhea	6
25. Darah tinggi/ Hypertension	3,430
26. Demam campak/ Measles	1
27. Demam malaria/ Malaria	1
28. Demam viral dan dengan pendarahan/ Viral fevers and viral haemorrhagic fevers	2
29. Demam/ Fever	57
30. Dibunuh/ Homicide	2
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	17,082
33. Hepatitis A, B dan C/ Hepatitis A, B and C	49



**Jadual 1.43: Sebab kematian (tidak disahkan secara perubatan), Malaysia, 2023 (samb.)**

Table 1.43: Causes of death (non-medically certified), Malaysia, 2023 (cont'd)

Sebab kematian <i>Causes of death</i>	Bil. No.
34. Jatuh/ <i>Falls</i>	15
35. Kancing gigi/ <i>Tetanus</i>	-
36. Keadaan tertentu berpunca dalam tempoh perinatal/ <i>Certain conditions originating in the perinatal period</i>	16
37. Kebakaran/ <i>Burning</i>	3
38. Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir/ <i>Congenital malformations, deformations and chromosomal abnormalities</i>	134
39. Kemalangan pengangkutan - udara, darat dan air/ <i>Transport accidents - air, land and water</i>	88
40. Kematian Ibu Bersalin/ <i>Maternal death</i>	-
41. Kencing manis/ <i>Diabetes mellitus</i>	3,397
42. Keracunan/ <i>Poisoning</i>	4
43. Kolera/ <i>Cholera</i>	-
44. Kuman dalam darah/ <i>Septicaemia</i>	79
45. Lain-lain barah/ <i>Other cancer</i>	1,560
46. Lain-lain penyakit/ <i>Other diseases</i>	2,834
47. Lain-lain penyakit berjangkit/ <i>Other infectious diseases</i>	133
48. Lain-lain penyakit berkaitan sistem peredaran darah/ <i>Other disorders of circulatory system</i>	74
49. Lain-lain penyakit sistem pernafasan/ <i>Other diseases of the respiratory system</i>	331
50. Mati lemas/ <i>Drowning</i>	26
51. Meningitis	15
52. Paru-paru berair/ <i>Pulmonary edema</i>	153
53. Penyakit hati/ <i>Liver disease</i>	174
54. Penyakit jangkitan melalui hubungan seksual/ <i>Sexually transmitted disease</i>	-
55. Penyakit jangkitan usus lain/ <i>Other infection of intestines diseases</i>	-
56. Penyakit jantung iskemia/ <i>Ischaemic heart diseases</i>	1,011
57. Penyakit lain berkaitan jantung/ <i>Other heart diseases</i>	4,347
58. Penyakit serebrovaskular/ <i>Cerebrovascular diseases</i>	2,638
59. Radang paru-paru/ <i>Pneumonia</i>	548
60. Sakit tua 65 tahun dan lebih/ <i>Old age 65 years and over</i>	32,758
61. Sebab-sebab kematian berpunca dari faktor luar/ <i>Other external causes</i>	73
62. Sesak nafas [bagi kematian bayi berumur 28-364 hari]/ <i>Difficulty in breathing [infant death for aged 28-364 days]</i>	2
63. Tiba/ Batuk kering/ <i>Tuberculosis</i>	179
64. Ulser perut/ <i>Gastric ulcer</i>	13
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>77,313</b>

**Jadual 1.44: Kematian yang disahkan secara perubatan mengikut Bab ICD-10, Malaysia, 2023**

Table 1.44: Medically certified deaths by ICD-10 Chapters, Malaysia, 2023

<b>Sebab kematian/ Causes of death</b>	<b>Kod ICD-10 ICD-10 Code</b>	<b>Bil. No.</b>	<b>%</b>
1. Diseases of the circulatory system	I00-I99	35,209	29.4
2. Diseases of the respiratory system	J00-J99	24,691	20.6
3. Neoplasms	C00-D48	16,545	13.8
4. Certain infectious and parasitic diseases	A00-B99	9,259	7.7
5. External causes of morbidity and mortality	V01-Y98	8,854	7.4
6. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	R00-R99	5,611	4.7
7. Diseases of the genitourinary system	N00-N99	4,408	3.7
8. Diseases of the digestive system	K00-K93	4,162	3.5
9. Endocrine, nutritional and metabolic diseases	E00-E90	3,194	2.7
10. Diseases of the nervous system	G00-G99	1,611	1.3
11. Diseases of the skin and subcutaneous tissue	L00-L96	1,354	1.1
12. Certain conditions originating in the perinatal period	P00-P96	1,245	1.0
13. Diseases of the musculoskeletal system and connective tissue	M00-M99	1,131	0.9
14. Congenital malformations, deformations and chromosomal abnormalities	Q00-Q99	1,102	0.9
15. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	D50-D89	700	0.6
16. Codes for special purposes	U00-U89	415	0.3
17. Pregnancy, childbirth and the puerperium	O00-O99	85	0.1
18. Mental and behavioural disorders	F00-F99	56	0.0
19. Diseases of the ear and mastoid process	H60-H95	15	0.0
20. Diseases of the eye and adnexa	H00-H59	5	0.0
21. Injury, poisoning and certain other consequences of external causes	S00-T98	-	-
22. Factors influencing health status and contact with health services		-	-
<b>Keseluruhan sebab All causes</b>		<b>119,652</b>	

**Jadual 1.45: Kematian yang disahkan secara perubatan mengikut Bab Neoplasma, Malaysia, 2023**

Table 1.45: Medically certified deaths by Chapters of Neoplasms, Malaysia, 2023

<b>Sebab kematian/ Causes of death</b>	<b>Kod ICD-10 ICD-10 Code</b>	<b>Bil. No.</b>
1. <i>Malignant neoplasms of lip, oral cavity and pharynx</i>	C00-C14	611
2. <i>Malignant neoplasms of digestive organs</i>	C15-C26	5,054
3. <i>Malignant neoplasms of respiratory and intrathoracic organs</i>	C30-C39	2,530
4. <i>Malignant neoplasms of bone and articular cartilage</i>	C40-C41	107
5. <i>Melanoma and other malignant neoplasms of skin</i>	C43-C44	128
6. <i>Malignant neoplasms of mesothelial and soft tissue</i>	C45-C49	234
7. <i>Malignant neoplasms of breast</i>	C50	1,681
8. <i>Malignant neoplasms of female genital organs</i>	C51-C58	1,246
9. <i>Malignant neoplasms of male genital organs</i>	C60-C63	552
10. <i>Malignant neoplasms of urinary tract</i>	C64-C68	431
11. <i>Malignant neoplasms of eye, brain and other parts of central nervous system</i>	C69-C72	306
12. <i>Malignant neoplasms of thyroid and other endocrine glands</i>	C73-C75	231
13. <i>Malignant neoplasms of ill-defined, secondary and unspecified sites</i>	C76-C80	1,379
14. <i>Malignant neoplasms, stated or presumed to be primary, of lymphoid, haematopoietic and related tissue</i>	C81-C96	1,468
15. <i>Malignant neoplasms of independent (primary) multiple sites</i>	C97	-
16. <i>In situ neoplasms</i>	D00-D09	2
17. <i>Benign neoplasms</i>	D10-D36	102
18. <i>Neoplasms of uncertain or unknown behaviour</i>	D37-D48	483
<b>Keseluruhan sebab All causes</b>		<b>16,545</b>

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



# **KEMATIAN PERINATAL**

## *PERINATAL DEATHS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 2.1: Kematian perinatal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 2.1: Perinatal deaths (number and rate) by state and sex, Malaysia, 2023

	Kematian perinatal <i>Perinatal deaths</i>			Kadar mortaliti perinatal <i>Perinatal mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>3,603</b>	<b>2,015</b>	<b>1,588</b>	<b>7.9</b>	<b>8.5</b>	<b>7.2</b>
Johor	383	203	180	6.8	7.0	6.6
Kedah	243	129	114	7.2	7.3	7.0
Kelantan	289	165	124	8.1	8.9	7.2
Melaka	106	63	43	7.8	9.0	6.5
Negeri Sembilan	115	71	44	6.9	8.3	5.5
Pahang	208	106	102	8.6	8.5	8.7
Perak	268	147	121	8.7	9.2	8.1
Perlis	41	22	19	10.5	10.8	10.2
Pulau Pinang	132	72	60	6.7	7.1	6.3
Sabah	466	265	201	10.0	10.9	9.0
Sarawak	235	128	107	6.9	7.2	6.6
Selangor	667	393	274	7.3	8.4	6.2
Terengganu	244	134	110	9.3	9.9	8.6
W.P. Kuala Lumpur	169	94	75	7.8	8.5	7.1
W.P. Labuan	18	10	8	12.7	13.9	11.4
W.P. Putrajaya	19	13	6	11.0	14.5	7.3

Kadar adalah bagi setiap 1,000 kelahiran

The rates are per 1,000 births

**Jadual 2.2: Lima sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 2.2: Five principal causes of perinatal death (medically certified and non-medically certified) by sex, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Jumlah</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	335	24.7	Sakit jantung kongenital <i>Congenital heart disease</i>	5	9.6
	2. Edward's syndrome and Patau's syndrome	96	7.1	Pramatang <i>Premature</i>	1	1.9
	3. Cardiovascular disorders originating in the perinatal period	89	6.6	Sakit usus <i>Intestine disease</i>	1	1.9
	4. Intracranial nontraumatic haemorrhage of fetus and newborn	51	3.8	-		
	5. Bacterial sepsis of newborn	48	3.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,358</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>52</b>	
<b>Lelaki</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	176	22.3	Sakit jantung kongenital <i>Congenital heart disease</i>	4	12.5
	2. Edward's syndrome and Patau's syndrome	57	7.2	Sakit usus <i>Intestine disease</i>	1	3.1
	3. Cardiovascular disorders originating in the perinatal period	40	5.1	-		
	4. Bacterial sepsis of newborn	33	4.2	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	33	4.2	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>791</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32</b>	
<b>Perempuan</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	159	28.0	Pramatang <i>Premature</i>	1	5.0
	2. Cardiovascular disorders originating in the perinatal period	49	8.6	Sakit jantung kongenital <i>Congenital heart disease</i>	1	5.0
	3. Edward's syndrome and Patau's syndrome	39	6.9	-		
	4. Intracranial nontraumatic haemorrhage of fetus and newborn	18	3.2	-		
	5. Congenital malformations of lung	17	3.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>567</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>20</b>	



**Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 2.3: Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Johor</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	32	21.9	-		
	2. Cardiovascular disorders originating in the perinatal period	11	7.5	-		
	3. Bacterial sepsis of newborn	9	6.2	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>146</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2</b>	
<b>Kedah</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	21	23.9	Sakit jantung kongenital Congenital heart disease	1	50.0
	2. Cardiovascular disorders originating in the perinatal period	7	8.0	-		
	3. Anencephaly and similar malformations	6	6.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>88</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2</b>	
<b>Kelantan</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	25	20.3	-		
	2. Edward's syndrome and Patau's syndrome	13	10.6	-		
	3. Fetus and newborn affected by complications of placenta, cord and membranes	7	5.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>123</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>	
<b>Melaka</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	10	23.8	-		
	2. Cardiovascular disorders originating in the perinatal period	6	14.3	-		
	3. Edward's syndrome and Patau's syndrome	5	11.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>42</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1</b>	

**Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 2.3: Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Negeri Sembilan</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	12	25.5	Sakit jantung kongenital <i>Congenital heart disease</i>	1	33.3
	2. Cardiovascular disorders originating in the perinatal period	6	12.8	Sakit usus <i>Intestine disease</i>	1	33.3
	3. Congenital malformations of lung	2	4.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>47</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3</b>	
<b>Pahang</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	21	23.1	-		
	2. Cardiovascular disorders originating in the perinatal period	7	7.7	-		
	3. Edward's syndrome and Patau's syndrome	5	5.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>91</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2</b>	
<b>Perak</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	33	30.3	-		
	2. Edward's syndrome and Patau's syndrome	7	6.4	-		
	3. Cardiovascular disorders originating in the perinatal period	4	3.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>109</b>		<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>Perlis</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	3	20.0	-		
	2. Anencephaly and similar malformations	1	6.7	-		
	3. Bacterial sepsis of newborn	1	6.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>15</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>	

**Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 2.3: Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Pulau Pinang</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	12	23.1	-		
	2. Cardiovascular disorders originating in the perinatal period	6	11.5	-		
	3. Edward's syndrome and Patau's syndrome	4	7.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>52</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1</b>	
<b>Sabah</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	47	35.9	Sakit jantung kongenital Congenital heart disease	1	3.2
	2. Edward's syndrome and Patau's syndrome	12	9.2	-		
	3. Cardiovascular disorders originating in the perinatal period	7	5.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>131</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31</b>	
<b>Sarawak</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	26	28.3	-		
	2. Cardiovascular disorders originating in the perinatal period	8	8.7	-		
	3. Bacterial sepsis of newborn	4	4.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>92</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4</b>	
<b>Selangor</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	45	18.6	-		
	2. Bacterial sepsis of newborn	18	7.4	-		
	3. Edward's syndrome and Patau's syndrome	17	7.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>242</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1</b>	

**Jadual 2.3: Tiga sebab kematian utama perinatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 2.3: Three principal causes of perinatal death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Terengganu</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	22	20.6	Sakit jantung kongenital Congenital heart disease	1	33.3
	2. Intracranial nontraumatic haemorrhage of fetus and newborn	17	15.9	-		
	3. Edward's syndrome and Patau's syndrome	12	11.2	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>107</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3</b>	
<b>W.P. Kuala Lumpur</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	17	31.5	Pramatang Premature	1	50.0
	2. Congenital malformations of aortic and mitral valves	3	5.6	Sakit jantung kongenital Congenital heart disease	1	50.0
	3. Edward's syndrome and Patau's syndrome	3	5.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>54</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2</b>	
<b>W.P. Labuan</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	3	42.9	-		
	2. Congenital malformations of cardiac chambers and connections	1	14.3	-		
	3. Interstitial emphysema and related conditions originating in the perinatal period	1	14.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>	
<b>W.P. Putrajaya</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	6	50.0	-		
	2. Congenital malformations of the musculoskeletal system, not elsewhere classified	2	16.7	-		
	3. Congenital malformations of aortic and mitral valves	1	8.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>	



**KEMATIAN NEONATAL**  
*NEONATAL DEATHS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 3.1: Kematian neonatal awal (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

*Table 3.1: Early neonatal deaths (number and rate) by state and sex, Malaysia, 2023*

	Kematian neonatal awal <i>Early neonatal deaths</i>			Kadar mortaliti neonatal awal <i>Early neonatal mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>1,410</b>	<b>823</b>	<b>587</b>	<b>3.1</b>	<b>3.5</b>	<b>2.7</b>
Johor	148	79	69	2.6	2.7	2.5
Kedah	90	51	39	2.7	2.9	2.4
Kelantan	123	75	48	3.4	4.1	2.8
Melaka	43	25	18	3.2	3.6	2.7
Negeri Sembilan	50	30	20	3.0	3.5	2.5
Pahang	93	52	41	3.8	4.2	3.5
Perak	109	64	45	3.5	4.0	3.0
Perlis	15	8	7	3.9	3.9	3.8
Pulau Pinang	53	27	26	2.7	2.7	2.8
Sabah	162	101	61	3.5	4.2	2.7
Sarawak	96	56	40	2.8	3.1	2.5
Selangor	243	152	91	2.7	3.2	2.1
Terengganu	110	62	48	4.2	4.6	3.8
W.P. Kuala Lumpur	56	31	25	2.6	2.8	2.4
W.P. Labuan	7	2	5	5.0	2.8	7.2
W.P. Putrajaya	12	8	4	7.0	8.9	4.9

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, 2023**

Table 3.2: Late neonatal deaths (number and rate) by state and sex, Malaysia, 2023

	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>
<b>MALAYSIA</b>	<b>531</b>	<b>297</b>	<b>234</b>	<b>1.2</b>	<b>1.3</b>	<b>1.1</b>
Johor	58	31	27	1.0	1.1	1.0
Kedah	33	14	19	1.0	0.8	1.2
Kelantan	50	26	24	1.4	1.4	1.4
Melaka	17	10	7	1.3	1.4	1.1
Negeri Sembilan	24	15	9	1.4	1.8	1.1
Pahang	32	20	12	1.3	1.6	1.0
Perak	32	22	10	1.0	1.4	0.7
Perlis	5	3	2	1.3	1.5	1.1
Pulau Pinang	17	10	7	0.9	1.0	0.7
Sabah	59	30	29	1.3	1.2	1.3
Sarawak	37	15	22	1.1	0.8	1.4
Selangor	105	66	39	1.2	1.4	0.9
Terengganu	41	23	18	1.6	1.7	1.4
W.P. Kuala Lumpur	16	8	8	0.7	0.7	0.8
W.P. Labuan	1	1	-	0.7	1.4	-
W.P. Putrajaya	4	3	1	2.3	3.4	1.2

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, 2023**

Table 3.3: Neonatal deaths (number and rate) by state and sex, Malaysia, 2023

	Kematian neonatal <i>Neonatal deaths</i>			Kadar mortaliti neonatal <i>Neonatal mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>1,941</b>	<b>1,120</b>	<b>821</b>	<b>4.3</b>	<b>4.7</b>	<b>3.7</b>
Johor	206	110	96	3.7	3.8	3.5
Kedah	123	65	58	3.6	3.7	3.6
Kelantan	173	101	72	4.8	5.5	4.2
Melaka	60	35	25	4.4	5.0	3.8
Negeri Sembilan	74	45	29	4.5	5.3	3.6
Pahang	125	72	53	5.2	5.8	4.5
Perak	141	86	55	4.6	5.4	3.7
Perlis	20	11	9	5.2	5.4	4.9
Pulau Pinang	70	37	33	3.6	3.6	3.5
Sabah	221	131	90	4.8	5.4	4.1
Sarawak	133	71	62	3.9	4.0	3.8
Selangor	348	218	130	3.8	4.7	3.0
Terengganu	151	85	66	5.8	6.3	5.2
W.P. Kuala Lumpur	72	39	33	3.4	3.6	3.1
W.P. Labuan	8	3	5	5.7	4.2	7.2
W.P. Putrajaya	16	11	5	9.3	12.3	6.1

Kadar adalah bagi setiap 1,000 kelahiran hidup

The rates are per 1,000 live births

**Jadual 3.4: Lima sebab kematian utama neonatal awal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 3.4: Five principal causes of early neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Jumlah</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	335	24.7	Sakit jantung kongenital <i>Congenital heart disease</i>	5	9.6
	2. Edward's syndrome and Patau's syndrome	96	7.1	Pramatang <i>Premature</i>	1	1.9
	3. Cardiovascular disorders originating in the perinatal period	89	6.6	Sakit usus <i>Intestine disease</i>	1	1.9
	4. Intracranial nontraumatic haemorrhage of fetus and newborn	51	3.8	-		
	5. Bacterial sepsis of newborn	48	3.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,358</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>52</b>	
<b>Lelaki</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	176	22.3	Sakit jantung kongenital <i>Congenital heart disease</i>	4	12.5
	2. Edward's syndrome and Patau's syndrome	57	7.2	Sakit usus <i>Intestine disease</i>	1	3.1
	3. Cardiovascular disorders originating in the perinatal period	40	5.1	-		
	4. Bacterial sepsis of newborn	33	4.2	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	33	4.2	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>791</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32</b>	
<b>Perempuan</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	159	28.0	Pramatang <i>Premature</i>	1	5.0
	2. Cardiovascular disorders originating in the perinatal period	49	8.6	Sakit jantung kongenital <i>Congenital heart disease</i>	1	5.0
	3. Edward's syndrome and Patau's syndrome	39	6.9	-		
	4. Intracranial nontraumatic haemorrhage of fetus and newborn	18	3.2	-		
	5. Congenital malformations of lung	17	3.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>567</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>20</b>	

**Jadual 3.5: Lima sebab kematian utama neonatal akhir (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 3.5: Five principal causes of late neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Jumlah</b>	1. Bacterial sepsis of newborn	73	15.1	Sakit jantung kongenital Congenital heart disease	10	21.3
	2. Cardiovascular disorders originating in the perinatal period	37	7.6	-		
	3. Congenital pneumonia	24	5.0	-		
	4. Necrotizing enterocolitis of fetus and newborn	24	5.0	-		
	5. Edward's syndrome and Patau's syndrome	20	4.1	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>484</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>47</b>
<b>Lelaki</b>	1. Bacterial sepsis of newborn	38	14.0	Sakit jantung kongenital Congenital heart disease	8	32.0
	2. Cardiovascular disorders originating in the perinatal period	21	7.7	-		
	3. Congenital pneumonia	14	5.1	-		
	4. Congenital malformations of cardiac chambers and connections	12	4.4	-		
	5. Necrotizing enterocolitis of fetus and newborn	11	4.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>272</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>25</b>
<b>Perempuan</b>	1. Bacterial sepsis of newborn	35	16.5	Sakit jantung kongenital Congenital heart disease	2	9.1
	2. Cardiovascular disorders originating in the perinatal period	16	7.5	-		
	3. Necrotizing enterocolitis of fetus and newborn	13	6.1	-		
	4. Edward's syndrome and Patau's syndrome	12	5.7	-		
	5. Congenital pneumonia	10	4.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>212</b>			<b>Keseluruhan sebab</b> <i>All causes</i>	<b>22</b>

**Jadual 3.6: Lima sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 3.6: Five principal causes of neonatal death (medically certified and non-medically certified) by sex, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Jumlah</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	346	18.8	Sakit jantung kongenital <i>Congenital heart disease</i>	15	15.2
	2. Cardiovascular disorders originating in the perinatal period	126	6.8	Pramatang <i>Premature</i>	1	1.0
	3. Bacterial sepsis of newborn	121	6.6	Sakit usus <i>Intestine disease</i>	1	1.0
	4. Edward's syndrome and Patau's syndrome	116	6.3	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	69	3.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,842</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>99</b>	
<b>Lelaki</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	183	17.2	Sakit jantung kongenital <i>Congenital heart disease</i>	12	21.1
	2. Bacterial sepsis of newborn	71	6.7	Sakit usus <i>Intestine disease</i>	1	1.8
	3. Edward's syndrome and Patau's syndrome	65	6.1	-		
	4. Cardiovascular disorders originating in the perinatal period	61	5.7	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	43	4.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,063</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>57</b>	
<b>Perempuan</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	163	20.9	Sakit jantung kongenital <i>Congenital heart disease</i>	3	7.1
	2. Cardiovascular disorders originating in the perinatal period	65	8.3	Pramatang <i>Premature</i>	1	2.4
	3. Edward's syndrome and Patau's syndrome	51	6.5	-		
	4. Bacterial sepsis of newborn	50	6.4	-		
	5. Intracranial nontraumatic haemorrhage of fetus and newborn	26	3.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>779</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>42</b>	

**Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 3.7: Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Johor</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	35	17.5	Sakit jantung kongenital Congenital heart disease	1	16.7
	2. Bacterial sepsis of newborn	22	11.0	-		
	3. Cardiovascular disorders originating in the perinatal period	14	7.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>200</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6</b>	
<b>Kedah</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	21	17.6	Sakit jantung kongenital Congenital heart disease	2	50.0
	2. Bacterial sepsis of newborn	10	8.4	-		
	3. Cardiovascular disorders originating in the perinatal period	8	6.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>119</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4</b>	
<b>Kelantan</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	25	14.7	-		
	2. Edward's syndrome and Patau's syndrome	13	7.6	-		
	3. Cardiovascular disorders originating in the perinatal period	10	5.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>170</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3</b>	
<b>Melaka</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	10	16.9	-		
	2. Cardiovascular disorders originating in the perinatal period	8	13.6	-		
	3. Edward's syndrome and Patau's syndrome	7	11.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>59</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1</b>	

**Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 3.7: Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	Disahkan secara perubatan Medically certified		Tidak disahkan secara perubatan Non-medically certified			
	Bil. No.	%	Bil. No.	%		
Negeri Sembilan	1. Disorders related to short gestation and low birth weight, not elsewhere classified	13	18.8	Sakit jantung kongenital Congenital heart disease	1	20.0
	2. Cardiovascular disorders originating in the perinatal period	6	8.7	Sakit usus Intestine disease	1	20.0
	3. Bacterial sepsis of newborn	5	7.2	-	-	-
	<b>Keseluruhan sebab All causes</b>	<b>69</b>		<b>Keseluruhan sebab All causes</b>	<b>5</b>	
Pahang	1. Disorders related to short gestation and low birth weight, not elsewhere classified	21	17.6	Sakit jantung kongenital Congenital heart disease	2	33.3
	2. Cardiovascular disorders originating in the perinatal period	8	6.7	-	-	-
	3. Edward's syndrome and Patau's syndrome	6	5.0	-	-	-
	<b>Keseluruhan sebab All causes</b>	<b>119</b>		<b>Keseluruhan sebab All causes</b>	<b>6</b>	
Perak	1. Disorders related to short gestation and low birth weight, not elsewhere classified	33	23.4	-	-	-
	2. Cardiovascular disorders originating in the perinatal period	9	6.4	-	-	-
	3. Edward's syndrome and Patau's syndrome	8	5.7	-	-	-
	<b>Keseluruhan sebab All causes</b>	<b>141</b>		<b>Keseluruhan sebab All causes</b>	<b>-</b>	
Perlis	1. Disorders related to short gestation and low birth weight, not elsewhere classified	3	15.0	-	-	-
	2. Edward's syndrome and Patau's syndrome	2	10.0	-	-	-
	3. Anencephaly and similar malformations	1	5.0	-	-	-
	<b>Keseluruhan sebab All causes</b>	<b>20</b>		<b>Keseluruhan sebab All causes</b>	<b>-</b>	

**Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 3.7: Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Pulau Pinang</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	12	17.4	-		
	2. Cardiovascular disorders originating in the perinatal period	6	8.7	-		
	3. Bacterial sepsis of newborn	4	5.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>69</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1</b>	
<b>Sabah</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	50	29.2	Sakit jantung kongenital <i>Congenital heart disease</i>	1	2.0
	2. Edward's syndrome and Patau's syndrome	12	7.0	-		
	3. Cardiovascular disorders originating in the perinatal period	11	6.4	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>171</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>50</b>	
<b>Sarawak</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	26	21.0	-		
	2. Cardiovascular disorders originating in the perinatal period	13	10.5	-		
	3. Bacterial sepsis of newborn	8	6.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>124</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>9</b>	
<b>Selangor</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	48	14.1	Sakit jantung kongenital <i>Congenital heart disease</i>	6	75.0
	2. Bacterial sepsis of newborn	33	9.7	-		
	3. Cardiovascular disorders originating in the perinatal period	20	5.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>340</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>8</b>	

**Jadual 3.7: Tiga sebab kematian utama neonatal (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 3.7: Three principal causes of neonatal death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Terengganu</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	22	15.0	Sakit jantung kongenital Congenital heart disease	1	25.0
	2. Intracranial nontraumatic haemorrhage of fetus and newborn	19	12.9	-		
	3. Edward's syndrome and Patau's syndrome	13	8.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>147</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4</b>	
<b>W.P. Kuala Lumpur</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	18	25.7	Pramatang Premature	1	50.0
	2. Bacterial sepsis of newborn	8	11.4	Sakit jantung kongenital Congenital heart disease	1	50.0
	3. Cardiovascular disorders originating in the perinatal period	4	5.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>70</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2</b>	
<b>W.P. Labuan</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	3	37.5	-		
	2. Congenital malformations of cardiac chambers and connections	1	12.5	-		
	3. Interstitial emphysema and related conditions originating in the perinatal period	1	12.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>8</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>	
<b>W.P. Putrajaya</b>	1. Disorders related to short gestation and low birth weight, not elsewhere classified	6	37.5	-		
	2. Congenital malformations of the musculoskeletal system, not elsewhere classified	2	12.5	-		
	3. Congenital malformations of aortic and mitral valves	1	6.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>16</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>	





# **KEMATIAN IBU BERSALIN**

## *MATERNAL DEATHS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

#### Jadual 4.1: Kematian ibu bersalin (bilangan dan nisbah) mengikut negeri, Malaysia, 2023

Table 4.1: Maternal deaths (number and ratio) by state, Malaysia, 2023

	Kematian ibu bersalin <i>Maternal deaths</i>	Nisbah mortaliti ibu bersalin <i>Maternal mortality ratio</i>
<b>MALAYSIA</b>	<b>117</b>	<b>25.7</b>
Johor	20	35.6
Kedah	13	38.4
Kelantan	11	30.8
Melaka	4	29.4
Negeri Sembilan	3	18.1
Pahang	4	16.6
Perak	6	19.5
Perlis	-	-
Pulau Pinang	4	20.4
Sabah	17	36.6
Sarawak	6	17.7
Selangor	15	16.6
Terengganu	3	11.5
W.P. Kuala Lumpur	8	37.3
W.P. Labuan	-	-
W.P. Putrajaya	3	175.1

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, 2023**

Table 4.2: Five principal causes of maternal deaths (medically certified) Malaysia, 2023

<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
1. <i>Ectopic pregnancy</i>	18	15.4
2. <i>Obstetric embolism</i>	17	14.5
3. <i>Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium</i>	15	12.8
4. <i>Postpartum haemorrhage</i>	11	9.4
5. <i>Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium</i>	9	7.7
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>117</b>	

**Penyusunan sebab kematian ibu bersalin telah dikemaskini berdasarkan pengharmonian data bersama Kementerian Kesihatan Malaysia**

*The compilation for causes of maternal deaths has been updated based on data harmonisation with Ministry of Health*

**Jadual 4.3: Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 4.3: Three principal causes of maternal deaths (medically certified) by state, Malaysia, 2023

<b>Johor</b>			<b>Kedah</b>		
	<b>Bil. No.</b>	<b>%</b>		<b>Bil. No.</b>	<b>%</b>
1. Ectopic pregnancy	5	25.0	Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	4	30.8
2. Obstetric embolism	3	15.0	Ectopic pregnancy	3	23.1
3. Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	2	10.0	Postpartum haemorrhage	2	15.4
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>20</b>			<b>13</b>		
<b>Kelantan</b>			<b>Melaka</b>		
	<b>Bil. No.</b>	<b>%</b>		<b>Bil. No.</b>	<b>%</b>
1. Ectopic pregnancy	3	27.3	Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	1	25.0
2. Postpartum haemorrhage	2	18.2	Ectopic pregnancy	1	25.0
3. Puerperal sepsis	1	9.1	-		
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>11</b>			<b>4</b>		
<b>Negeri Sembilan</b>			<b>Pahang</b>		
	<b>Bil. No.</b>	<b>%</b>		<b>Bil. No.</b>	<b>%</b>
1. Obstetric embolism	1	33.3	Obstetric embolism	2	50.0
2. Spontaneous abortion	1	33.3	Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	1	25.0
3. Venous complications in pregnancy	1	33.3	-		
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>3</b>			<b>4</b>		

**Jadual 4.3: Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 4.3: Three principal causes of maternal deaths (medically certified) by state, Malaysia, 2023 (cont'd)

Perak			Perlis		
	Bil. No.	%		Bil. No.	%
1. Obstetric embolism	3	50.0	-		
2. Ectopic pregnancy	1	16.7	-		
3. -			-		
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
6			-		
Pulau Pinang			Sabah		
	Bil. No.	%		Bil. No.	%
1. Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	1	25.0	Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	2	11.8
2. Gestational [pregnancy-induced] hypertension with significant proteinuria	1	25.0	Postpartum haemorrhage	2	11.8
3. -			Ectopic pregnancy	1	5.9
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
4			17		
Sarawak			Selangor		
	Bil. No.	%		Bil. No.	%
1. Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	1	16.7	Obstetric embolism	4	26.7
2. Ectopic pregnancy	1	16.7	Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	2	13.3
3. Oedema, proteinuria and hypertensive disorders in pregnancy, childbirth and the puerperium	1	16.7	Ectopic pregnancy	2	13.3
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
6			15		

**Jadual 4.3: Tiga sebab kematian utama ibu bersalin (disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 4.3: Three principal causes of maternal deaths (medically certified) by state, Malaysia, 2023 (cont'd)

<b>Terengganu</b>			<b>W.P. Kuala Lumpur</b>		
	<b>Bil. No.</b>	<b>%</b>		<b>Bil. No.</b>	<b>%</b>
1. Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	1	33.3	Postpartum haemorrhage	2	25.0
2. Obstetric embolism	1	33.3	Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	1	12.5
3. -			Ectopic pregnancy	1	12.5
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>3</b>			<b>8</b>		
<b>W.P. Labuan</b>			<b>W.P. Putrajaya</b>		
	<b>Bil. No.</b>	<b>%</b>		<b>Bil. No.</b>	<b>%</b>
1. -			Diseases of the circulatory system complicating pregnancy, childbirth and the puerperium	1	33.3
2. -			Excessive vomiting in pregnancy	1	33
3. -			-		
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>-</b>			<b>3</b>		

Penyusunan sebab kematian ibu bersalin telah dikemaskini berdasarkan pengharmonian data bersama Kementerian Kesihatan Malaysia

The compilation for causes of maternal deaths has been updated based on data harmonisation with Ministry of Health

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



# **KEMATIAN BAYI** *INFANT DEATHS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 5.1: Kematian bayi (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 5.1: Infant deaths (number and rate) by state and sex, Malaysia, 2023

	Kematian bayi <i>Infant deaths</i>			Kadar mortaliti bayi <i>Infant 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>
<b>MALAYSIA</b>	<b>3,054</b>	<b>1,746</b>	<b>1,308</b>	<b>6.7</b>	<b>7.4</b>	<b>6.0</b>
Johor	341	190	151	6.1	6.5	5.6
Kedah	200	108	92	5.9	6.1	5.7
Kelantan	251	145	106	7.0	7.8	6.2
Melaka	90	47	43	6.6	6.7	6.5
Negeri Sembilan	115	69	46	6.9	8.1	5.7
Pahang	198	114	84	8.2	9.1	7.2
Perak	220	130	90	7.2	8.2	6.0
Perlis	24	13	11	6.2	6.4	6.0
Pulau Pinang	110	57	53	5.6	5.6	5.6
Sabah	382	215	167	8.2	8.9	7.5
Sarawak	217	118	99	6.4	6.6	6.1
Selangor	558	346	212	6.2	7.4	4.8
Terengganu	202	117	85	7.7	8.7	6.7
W.P. Kuala Lumpur	112	56	56	5.2	5.1	5.3
W.P. Labuan	10	4	6	7.1	5.6	8.6
W.P. Putrajaya	24	17	7	14.0	19.0	8.5

Kadar adalah bagi setiap 1,000 kelahiran hidup

The rates are per 1,000 live births

**Jadual 5.2: Sepuluh sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 5.2: Ten principal causes of infant death (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Certain conditions originating in the perinatal period</i>	1,245	44.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	70	29.2
2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	866	30.8	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	16	6.7
3. <i>Pneumonia</i>	54	1.9	Radang paru-paru <i>Pneumonia</i>	5	2.1
4. <i>Whooping cough</i>	20	0.7	Anemia <i>Anaemias</i>	2	0.8
5. <i>Meningitis</i>	17	0.6	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	2	0.8
6. <i>Cerebrovascular diseases</i>	14	0.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	0.4
7. <i>Diseases of the liver</i>	13	0.5	Demam <i>Fever</i>	1	0.4
8. <i>Transport accidents</i>	12	0.4	Penyakit hati <i>Liver disease</i>	1	0.4
9. <i>Chronic lower respiratory diseases</i>	10	0.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	0.4
10. <i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	5	0.2	-		
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>2,814</b>			<b>240</b>		

**Jadual 5.2: Sepuluh sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 5.2: Ten principal causes of infant death (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Lelaki/ Male					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Certain conditions originating in the perinatal period</i>	721	44.7	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	34	25.6
2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	494	30.6	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	6.0
3. <i>Pneumonia</i>	24	1.5	Radang paru-paru <i>Pneumonia</i>	4	3.0
4. <i>Cerebrovascular diseases</i>	11	0.7	Anemia <i>Anaemias</i>	2	1.5
5. <i>Whooping cough</i>	7	0.4	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	2	1.5
6. <i>Meningitis</i>	7	0.4	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	0.8
7. <i>Diseases of the liver</i>	7	0.4	Demam <i>Fever</i>	1	0.8
8. <i>Transport accidents</i>	7	0.4	Penyakit hati <i>Liver disease</i>	1	0.8
9. <i>Leukaemia</i>	5	0.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	0.8
10. <i>Chronic lower respiratory diseases</i>	4	0.2	-		
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>1,613</b>			<b>133</b>		

**Jadual 5.2: Sepuluh sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 5.2: Ten principal causes of infant death (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Perempuan/ Female					
Disahkan secara perubatan Medically certified	Bil. No.	%	Tidak disahkan secara perubatan Non-medically certified	Bil. No.	%
1. Certain conditions originating in the perinatal period	524	43.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	36	33.6
2. Congenital malformations, deformations and chromosomal abnormalities	372	31.0	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	7.5
3. Pneumonia	30	2.5	Radang paru-paru <i>Pneumonia</i>	1	0.9
4. Whooping cough	13	1.1	-		
5. Meningitis	10	0.8	-		
6. Chronic lower respiratory diseases	6	0.5	-		
7. Diseases of the liver	6	0.5	-		
8. Transport accidents	5	0.4	-		
9. Cerebrovascular diseases	3	0.2	-		
10. Diarrhoea and gastroenteritis of presumed infectious origin	2	0.2	-		
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,201</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>107</b>	

**Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Johor</b>	1. <i>Certain conditions originating in the perinatal period</i>	139	43.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	13	68.4
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	97	30.1	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	5.3
	3. <i>Pneumonia</i>	10	3.1	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	5.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>322</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>19</b>	
<b>Kedah</b>	1. <i>Certain conditions originating in the perinatal period</i>	89	46.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	66.7
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	55	28.8	Radang paru-paru <i>Pneumonia</i>	1	11.1
	3. <i>Pneumonia</i>	6	3.1	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>191</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>9</b>	
<b>Kelantan</b>	1. <i>Certain conditions originating in the perinatal period</i>	113	46.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	28.6
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	70	28.7	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	14.3
	3. <i>Whooping cough</i>	6	2.5	Radang paru-paru <i>Pneumonia</i>	1	14.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>244</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7</b>	

**Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Melaka</b>	1. <i>Certain conditions originating in the perinatal period</i>	40	46.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	66.7
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	25	28.7	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	33.3
	3. <i>Pneumonia</i>	3	3.4	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>87</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3</b>	
<b>Negeri Sembilan</b>	1. <i>Certain conditions originating in the perinatal period</i>	42	40.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	70.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	32	30.5	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	10.0
	3. <i>Pneumonia</i>	2	1.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>105</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>10</b>	
<b>Pahang</b>	1. <i>Certain conditions originating in the perinatal period</i>	75	39.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	70.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	65	34.6	-		
	3. <i>Pneumonia</i>	5	2.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>188</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>10</b>	



**Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Perak</b>	1. <i>Certain conditions originating in the perinatal period</i>	91	42.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	62.5
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	69	32.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	12.5
	3. <i>Pneumonia</i>	6	2.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>212</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>8</b>	
<b>Perlis</b>	1. <i>Certain conditions originating in the perinatal period</i>	12	50.0	-		
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	9	37.5	-		
	3. -			-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>24</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	-	
<b>Pulau Pinang</b>	1. <i>Certain conditions originating in the perinatal period</i>	46	42.2	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	100.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	34	31.2	-		
	3. <i>Pneumonia</i>	3	2.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>109</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1</b>	

**Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Sabah</b>	1. <i>Certain conditions originating in the perinatal period</i>	126	44.7	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	2.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	81	28.7	Demam <i>Fever</i>	1	1.0
	3. <i>Pneumonia</i>	8	2.8	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	1.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>282</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>100</b>	
<b>Sarawak</b>	1. <i>Certain conditions originating in the perinatal period</i>	80	41.9	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	30.8
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	66	34.6	-		
	3. <i>Pneumonia</i>	3	1.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>191</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>26</b>	
<b>Selangor</b>	1. <i>Certain conditions originating in the perinatal period</i>	229	43.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	18	58.1
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	153	29.0	Radang paru-paru <i>Pneumonia</i>	3	9.7
	3. <i>Cerebrovascular diseases</i>	5	0.9	Anemia <i>Anaemias</i>	1	3.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>527</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31</b>	

**Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Terengganu</b>	1. <i>Certain conditions originating in the perinatal period</i>	103	53.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	60.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	61	31.8	Anemia <i>Anaemias</i>	1	10.0
	3. <i>Diseases of the liver</i>	2	1.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>192</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>10</b>	
<b>W.P. Kuala Lumpur</b>	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	43	40.2	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	20.0
	2. <i>Certain conditions originating in the perinatal period</i>	42	39.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	20.0
	3. <i>Meningitis</i>	2	1.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>107</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5</b>	
<b>W.P. Labuan</b>	1. <i>Certain conditions originating in the perinatal period</i>	7	77.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	100.0
	2. <i>Whooping cough</i>	1	11.1	-		
	3. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	11.1	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>9</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1</b>	

**Jadual 5.3: Tiga sebab kematian utama bayi (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 5.3: Three principal causes of infant death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>W.P. Putrajaya</b>	1. <i>Certain conditions originating in the perinatal period</i>	11	45.8	-	
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	20.8	-	
	3. <i>Measles</i>	1	4.2	-	
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>24</b>			<b>-</b>

**KEMATIAN**

**KANAK-KANAK 1-4 TAHUN**

*TODDLER DEATHS*

*1-4 YEARS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 6.1: Kematian kanak-kanak 1-4 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 6.1: Toddler deaths 1-4 years (number and rate) by state and sex, Malaysia, 2023

	Kematian kanak-kanak <i>Toddler deaths</i>			Kadar mortaliti kanak-kanak <i>Toddler mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>709</b>	<b>404</b>	<b>305</b>	<b>0.4</b>	<b>0.4</b>	<b>0.3</b>
Johor	71	43	28	0.3	0.4	0.3
Kedah	49	26	23	0.4	0.4	0.3
Kelantan	57	32	25	0.4	0.4	0.4
Melaka	20	14	6	0.4	0.5	0.2
Negeri Sembilan	33	23	10	0.5	0.8	0.3
Pahang	35	20	15	0.4	0.4	0.3
Perak	40	23	17	0.3	0.4	0.3
Perlis	4	3	1	0.2	0.4	0.1
Pulau Pinang	24	14	10	0.3	0.3	0.2
Sabah	112	64	48	0.5	0.5	0.4
Sarawak	52	30	22	0.4	0.5	0.4
Selangor	125	66	59	0.3	0.3	0.3
Terengganu	48	21	27	0.5	0.4	0.6
W.P. Kuala Lumpur	33	20	13	0.4	0.4	0.3
W.P. Labuan	3	3	-	0.5	0.9	-
W.P. Putrajaya	3	2	1	0.3	0.4	0.2

Kadar adalah bagi setiap 1,000 penduduk berumur 1-4 tahun

The rates are per 1,000 population of aged 1-4 years

**Jadual 6.2: Sepuluh sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 6.2: Ten principal causes of toddler death 1-4 years (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	75	12.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	12	11.2
2. <i>Transport accidents</i>	40	6.6	Barah sel darah putih <i>Leukaemia</i>	10	9.3
3. <i>Pneumonia</i>	36	6.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	7	6.5
4. <i>Influenza</i>	18	3.0	Mati Lemas <i>Drowning</i>	3	2.8
5. <i>Leukaemia</i>	16	2.7	Radang paru-paru <i>Pneumonia</i>	3	2.8
6. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	10	1.7	Anemia <i>Anaemias</i>	2	1.9
7. <i>Diseases of the liver</i>	8	1.3	Barah hati <i>Liver cancer</i>	2	1.9
8. <i>Meningitis</i>	6	1.0	Barah limfoma <i>Lymphoma</i>	1	0.9
9. <i>Cerebrovascular diseases</i>	6	1.0	Penyakit hati <i>Liver disease</i>	1	0.9
10. <i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	4	0.7	-		
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>602</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>107</b>



**Jadual 6.2: Sepuluh sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 6.2: Ten principal causes of toddler death 1-4 years (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Lelaki/ Male					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	43	12.4	Barah sel darah putih <i>Leukaemia</i>	5	8.6
2. <i>Transport accidents</i>	28	8.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	8.6
3. <i>Pneumonia</i>	24	6.9	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	4	6.9
4. <i>Leukaemia</i>	11	3.2	Barah hati <i>Liver cancer</i>	2	3.4
5. <i>Influenza</i>	6	1.7	Mati lemas <i>Drowning</i>	2	3.4
6. <i>Cerebrovascular diseases</i>	5	1.4	Anemia <i>Anaemias</i>	1	1.7
7. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	4	1.2	Barah limfoma <i>Lymphoma</i>	1	1.7
8. <i>Glomerular and renal tubulo-interstitial diseases</i>	3	0.9	Radang paru-paru <i>Pneumonia</i>	1	1.7
9. <i>Respiratory tuberculosis</i>	2	0.6	-	-	-
10. <i>Meningococcal infection</i>	2	0.6	-	-	-
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>346</b>			<b>58</b>		

**Jadual 6.2: Sepuluh sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 6.2: Ten principal causes of toddler death 1-4 years (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Perempuan/ Female					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	32	12.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	14.3
2. <i>Influenza</i>	12	4.7	Barah sel darah putih <i>Leukaemia</i>	5	10.2
3. <i>Pneumonia</i>	12	4.7	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	3	6.1
4. <i>Transport accidents</i>	12	4.7	Radang paru-paru <i>Pneumonia</i>	2	4.1
5. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	6	2.3	Anemia <i>Anaemias</i>	1	2.0
6. <i>Diseases of the liver</i>	6	2.3	Mati lemas <i>Drowning</i>	1	2.0
7. <i>Leukaemia</i>	5	2.0	Penyakit hati <i>Liver diseases</i>	1	2.0
8. <i>Meningitis</i>	4	1.6	-		
9. <i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	3	1.2	-		
10. <i>Anaemias</i>	1	0.4	-		
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>256</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>49</b>	

**Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Johor</b>	1. <i>Transport accidents</i>	7	11.9	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	25.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	10.2	Barah limfoma <i>Lymphoma</i>	1	8.3
	3. <i>Leukaemia</i>	4	6.8	Barah sel darah putih <i>Leukaemia</i>	1	8.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>59</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12</b>	
<b>Kedah</b>	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	11.6	Anemia <i>Anaemias</i>	2	33.3
	2. <i>Transport accidents</i>	5	11.6	Radang paru-paru <i>Pneumonia</i>	1	16.7
	3. <i>Pneumonia</i>	3	7.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>43</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6</b>	
<b>Kelantan</b>	1. <i>Pneumonia</i>	6	11.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	20.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	9.6	Barah sel darah putih <i>Leukaemia</i>	1	20.0
	3. <i>Leukaemia</i>	2	3.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	20.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>52</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5</b>	

**Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Melaka	1. Congenital malformations, deformations and chromosomal abnormalities	2	11.1	-	
	2. Cerebrovascular diseases	1	5.6	-	
	3. Influenza	1	5.6	-	
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>18</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2</b>
Negeri Sembilan	1. Influenza	4	13.8	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1 25.0
	2. Transport accidents	3	10.3	-	
	3. Congenital malformations, deformations and chromosomal abnormalities	2	6.9	-	
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>29</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4</b>
Pahang	1. Congenital malformations, deformations and chromosomal abnormalities	6	18.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1 33.3
	2. Transport accidents	5	15.6	Mati Lemas Drowning	1 33.3
	3. Leukaemia	2	6.3	-	
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3</b>

**Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Perak</b>	1. Congenital malformations, deformations and chromosomal abnormalities	4	11.4	Barah sel darah putih <i>Leukaemia</i>	2	40.0
	2. Meningitis	2	5.7	-		
	3. Transport accidents	2	5.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>35</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5</b>	
<b>Perlis</b>	1. Pneumonia	1	25.0	-		
	2. Congenital malformations, deformations and chromosomal abnormalities	1	25.0	-		
	3. -			-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>	
<b>Pulau Pinang</b>	1. Congenital malformations, deformations and chromosomal abnormalities	6	27.3	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	100.0
	2. Malignant neoplasm of meninges, brain and other parts of central nervous system	2	9.1	-		
	3. Leukaemia	1	4.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>22</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2</b>	

**Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Sabah</b>	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	10	11.0	Mati Lemas Drowning	1	4.8
	2. <i>Pneumonia</i>	9	9.9	-		
	3. <i>Leukaemia</i>	5	5.5	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>91</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>21</b>	
<b>Sarawak</b>	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	15.8	-		
	2. <i>Diseases of the liver</i>	2	5.3	-		
	3. <i>Respiratory tuberculosis</i>	1	2.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>38</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>14</b>	
<b>Selangor</b>	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	14	13.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	28.6
	2. <i>Pneumonia</i>	6	5.8	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	3	14.3
	3. <i>Transport accidents</i>	5	4.8	Barah hati <i>Liver cancer</i>	1	4.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>104</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>21</b>	

**Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Terengganu	1. <i>Transport accidents</i>	6	15.0	Barah sel darah putih <i>Leukaemia</i>	4	50.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	4	10.0	Penyakit hati <i>Liver disease</i>	1	12.5
	3. <i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	1	2.5	-		
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>40</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>8</b>	
W.P. Kuala Lumpur	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	4	13.8	Barah hati <i>Liver cancer</i>	1	25.0
	2. <i>Meningococcal infection</i>	1	3.4	Barah sel darah putih <i>Leukaemia</i>	1	25.0
	3. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	1	3.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	25.0
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>29</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>4</b>	
W.P. Labuan	1. <i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	1	33.3	-		
	2. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	1	33.3	-		
	3. <i>Pneumonia</i>	1	33.3	-		
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>3</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>-</b>	

**Jadual 6.3: Tiga sebab kematian utama kanak-kanak 1-4 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 6.3: Three principal causes of toddler death 1-4 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
W.P. Putrajaya	1. -			-	
	2. -			-	
	3. -			-	
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>



**KEMATIAN KURANG  
DARIPADA 5 TAHUN**  
*UNDER-5 DEATHS*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 7.1: Kematian kurang daripada 5 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 7.1: Under-5 deaths (number and rate) by state and sex, Malaysia, 2023

	Kematian kurang daripada 5 tahun <i>Under-5 deaths</i>			Kadar mortaliti kurang daripada 5 tahun <i>Under-5 mortality rate</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>3,763</b>	<b>2,150</b>	<b>1,613</b>	<b>8.3</b>	<b>9.1</b>	<b>7.3</b>
Johor	412	233	179	7.3	8.0	6.6
Kedah	249	134	115	7.4	7.6	7.1
Kelantan	308	177	131	8.6	9.6	7.6
Melaka	110	61	49	8.1	8.8	7.4
Negeri Sembilan	148	92	56	8.9	10.7	7.0
Pahang	233	134	99	9.6	10.7	8.5
Perak	260	153	107	8.5	9.7	7.2
Perlis	28	16	12	7.2	7.9	6.5
Pulau Pinang	134	71	63	6.8	7.0	6.7
Sabah	494	279	215	10.6	11.5	9.7
Sarawak	269	148	121	7.9	8.3	7.5
Selangor	683	412	271	7.5	8.8	6.2
Terengganu	250	138	112	9.6	10.3	8.8
W.P. Kuala Lumpur	145	76	69	6.8	7.0	6.6
W.P. Labuan	13	7	6	9.2	9.9	8.6
W.P. Putrajaya	27	19	8	15.8	21.3	9.8

Kadar adalah bagi setiap 1,000 kelahiran hidup

The rates are per 1,000 live births

**Jadual 7.2: Sepuluh sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 7.2: Ten principal causes of under-5 death (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Certain conditions originating in the perinatal period</i>	1,245	36.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	82	23.6
2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	941	27.5	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	16	4.6
3. <i>Pneumonia</i>	90	2.6	Barah sel darah putih <i>Leukaemia</i>	10	2.9
4. <i>Transport accidents</i>	52	1.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	8	2.3
5. <i>Meningitis</i>	23	0.7	Radang paru-paru <i>Pneumonia</i>	8	2.3
6. <i>Leukaemia</i>	21	0.6	Anemia <i>Anaemias</i>	4	1.2
7. <i>Diseases of the liver</i>	21	0.6	Mati Lemas <i>Drowning</i>	3	0.9
8. <i>Whooping cough</i>	20	0.6	Barah hati <i>Liver cancer</i>	2	0.6
9. <i>Cerebrovascular diseases</i>	20	0.6	Penyakit hati <i>Liver disease</i>	2	0.6
10. <i>Influenza</i>	20	0.6	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	2	0.6
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>3,416</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>347</b>

**Jadual 7.2: Sepuluh sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 7.2: Ten principal causes of under-5 death (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Lelaki/ Male					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Certain conditions originating in the perinatal period</i>	721	36.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	39	20.4
2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	537	27.4	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	4.2
3. <i>Pneumonia</i>	48	2.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	5	2.6
4. <i>Transport accidents</i>	35	1.8	Barah sel darah putih <i>Leukaemia</i>	5	2.6
5. <i>Leukaemia</i>	16	0.8	Radang paru-paru <i>Pneumonia</i>	5	2.6
6. <i>Cerebrovascular diseases</i>	16	0.8	Anemia <i>Anaemias</i>	3	1.6
7. <i>Meningitis</i>	9	0.5	Barah hati <i>Liver cancer</i>	2	1.0
8. <i>Diseases of the liver</i>	9	0.5	Mati Lemas <i>Drowning</i>	2	1.0
9. <i>Whooping cough</i>	7	0.4	Sesak nafas [bagi kematian bayi berumur 28-364 hari] <i>Difficulty in breathing [Infant death for aged 28-364 days]</i>	2	1.0
10. <i>Influenza</i>	6	0.3	Barah limfoma <i>Lymphoma</i>	1	0.5
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>1,959</b>			<b>191</b>		

**Jadual 7.2: Sepuluh sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 7.2: Ten principal causes of under-5 death (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Perempuan/ Female					
Disahkan secara perubatan <i>Medically certified</i>	Bil. No.	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. No.	%
1. <i>Certain conditions originating in the perinatal period</i>	524	36.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	43	27.6
2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	404	27.7	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	5.1
3. <i>Pneumonia</i>	42	2.9	Barah sel darah putih <i>Leukaemia</i>	5	3.2
4. <i>Transport accidents</i>	17	1.2	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	3	1.9
5. <i>Meningitis</i>	14	1.0	Radang paru-paru <i>Pneumonia</i>	3	1.9
6. <i>Influenza</i>	14	1.0	Anemia <i>Anaemias</i>	1	0.6
7. <i>Whooping cough</i>	13	0.9	Mati Lemas <i>Drowning</i>	1	0.6
8. <i>Diseases of the liver</i>	12	0.8	Penyakit hati <i>Liver disease</i>	1	0.6
9. <i>Chronic lower respiratory diseases</i>	7	0.5	-		
10. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	6	0.4	-		
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,457</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>156</b>	

**Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Johor</b>	1. <i>Certain conditions originating in the perinatal period</i>	139	36.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	16	51.6
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	103	27.0	Barah limfoma <i>Lymphoma</i>	1	3.2
	3. <i>Pneumonia</i>	14	3.7	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	3.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>381</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31</b>	
<b>Kedah</b>	1. <i>Certain conditions originating in the perinatal period</i>	89	38.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	40.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	60	25.6	Anemia <i>Anaemias</i>	2	13.3
	3. <i>Pneumonia</i>	9	3.8	Radang paru-paru <i>Pneumonia</i>	2	13.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>234</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>15</b>	
<b>Kelantan</b>	1. <i>Certain conditions originating in the perinatal period</i>	113	38.2	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	25.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	75	25.3	Radang paru-paru <i>Pneumonia</i>	2	16.7
	3. <i>Pneumonia</i>	8	2.7	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	8.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>296</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12</b>	

**Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Melaka</b>	1. <i>Certain conditions originating in the perinatal period</i>	40	38.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	40.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	27	25.7	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	20.0
	3. <i>Pneumonia</i>	4	3.8	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>105</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5</b>	
<b>Negeri Sembilan</b>	1. <i>Certain conditions originating in the perinatal period</i>	42	31.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	50.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	34	25.4	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	7.1
	3. <i>Influenza</i>	4	3.0	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	7.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>134</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>14</b>	
<b>Pahang</b>	1. <i>Certain conditions originating in the perinatal period</i>	75	34.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	8	61.5
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	71	32.3	Mati Lemas <i>Drowning</i>	1	7.7
	3. <i>Pneumonia</i>	6	2.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>220</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>13</b>	



**Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Perak</b>	1. <i>Certain conditions originating in the perinatal period</i>	91	36.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	38.5
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	73	29.6	Barah sel darah putih <i>Leukaemia</i>	2	15.4
	3. <i>Pneumonia</i>	6	2.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	7.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>247</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>13</b>	
<b>Perlis</b>	1. <i>Certain conditions originating in the perinatal period</i>	12	42.9	-		
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	10	35.7	-		
	3. <i>Pneumonia</i>	1	3.6	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>28</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>	
<b>Pulau Pinang</b>	1. <i>Certain conditions originating in the perinatal period</i>	46	35.1	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	66.7
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	40	30.5	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	33.3
	3. <i>Pneumonia</i>	3	2.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>131</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3</b>	

**Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Sabah</b>	1. <i>Certain conditions originating in the perinatal period</i>	126	33.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	1.7
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	91	24.4	Demam <i>Fever</i>	1	0.8
	3. <i>Pneumonia</i>	17	4.6	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	0.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>373</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>121</b>	
<b>Sarawak</b>	1. <i>Certain conditions originating in the perinatal period</i>	80	34.9	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	20.0
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	72	31.4	-		
	3. <i>Pneumonia</i>	4	1.7	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>229</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>40</b>	
<b>Selangor</b>	1. <i>Certain conditions originating in the perinatal period</i>	229	36.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	24	46.2
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	167	26.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	3	5.8
	3. <i>Pneumonia</i>	11	1.7	Radang paru-paru <i>Pneumonia</i>	3	5.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>631</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>52</b>	

**Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Terengganu</b>	1. <i>Certain conditions originating in the perinatal period</i>	103	44.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	33.3
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	65	28.0	Barah sel darah putih <i>Leukaemia</i>	4	22.2
	3. <i>Transport accidents</i>	8	3.4	Anemia <i>Anaemias</i>	1	5.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>232</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>18</b>	
<b>W.P. Kuala Lumpur</b>	1. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	47	34.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	22.2
	2. <i>Certain conditions originating in the perinatal period</i>	42	30.9	Barah hati <i>Liver cancer</i>	1	11.1
	3. <i>Meningitis</i>	2	1.5	Barah sel darah putih <i>Leukaemia</i>	1	11.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>136</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>9</b>	
<b>W.P. Labuan</b>	1. <i>Certain conditions originating in the perinatal period</i>	7	58.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	100.0
	2. <i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	1	8.3	-		
	3. <i>Whooping cough</i>	1	8.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1</b>	

**Jadual 7.3: Tiga sebab kematian utama kurang daripada 5 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 7.3: Three principal causes of under-5 death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

		<b>Disahkan secara perubatan</b> <i>Medically certified</i>		<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	
		<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>W.P. Putrajaya</b>	1. <i>Certain conditions originating in the perinatal period</i>	11	40.7	-	
	2. <i>Congenital malformations, deformations and chromosomal abnormalities</i>	5	18.5	-	
	3. <i>Measles</i>	1	3.7	-	
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>27</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>-</b>

**KEMATIAN PENDUDUK  
BERUMUR 0-14 TAHUN**  
*DEATHS OF  
POPULATION  
AGED 0-14 YEARS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 8.1: Kematian penduduk berumur 0-14 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 8.1: Deaths of population aged 0-14 years (number and rate) by state and sex, Malaysia, 2023

	Kematian penduduk berumur 0-14 tahun <i>Deaths of population aged 0-14 years</i>			Kadar mortaliti penduduk berumur 0-14 tahun <i>Mortality rate of population aged 0-14 years</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>4,933</b>	<b>2,896</b>	<b>2,037</b>	<b>0.7</b>	<b>0.7</b>	<b>0.6</b>
Johor	565	333	232	0.6	0.7	0.5
Kedah	344	195	149	0.6	0.7	0.6
Kelantan	407	245	162	0.8	0.9	0.6
Melaka	137	78	59	0.6	0.6	0.5
Negeri Sembilan	184	115	69	0.6	0.8	0.5
Pahang	302	183	119	0.7	0.9	0.6
Perak	336	201	135	0.6	0.7	0.5
Perlis	40	22	18	0.7	0.7	0.7
Pulau Pinang	179	102	77	0.5	0.6	0.5
Sabah	635	372	263	0.7	0.8	0.6
Sarawak	377	222	155	0.7	0.8	0.6
Selangor	886	525	361	0.6	0.7	0.5
Terengganu	307	173	134	0.9	1.0	0.8
W.P. Kuala Lumpur	186	97	89	0.5	0.5	0.5
W.P. Labuan	16	9	7	0.6	0.6	0.6
W.P. Putrajaya	32	24	8	0.7	1.1	0.4

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, 2023**

Table 8.2: Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Transport accidents</i>	162	3.7	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	91	15.8
2. <i>Pneumonia</i>	139	3.2	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	19	3.3
3. <i>Leukaemia</i>	64	1.5	Barah sel darah putih <i>Leukaemia</i>	18	3.1
4. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	47	1.1	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	16	2.8
5. <i>Cerebrovascular diseases</i>	34	0.8	Lelah <i>Asthma</i>	11	1.9
6. <i>Influenza</i>	31	0.7	Radang paru-paru <i>Pneumonia</i>	11	1.9
7. <i>Meningitis</i>	27	0.6	Mati Lemas <i>Drowning</i>	10	1.7
8. <i>Diseases of the liver</i>	27	0.6	Demam <i>Fever</i>	6	1.0
9. <i>Chronic lower respiratory diseases</i>	22	0.5	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	5	0.9
10. <i>Whooping cough</i>	20	0.5	Anemia <i>Anaemias</i>	4	0.7
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>4,356</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>577</b>



**Jadual 8.2: Sepuluh sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 8.2: Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Lelaki/ Male					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Transport accidents</i>	119	4.6	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	44	13.3
2. <i>Pneumonia</i>	78	3.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	10	3.0
3. <i>Leukaemia</i>	49	1.9	Barah sel darah putih <i>Leukaemia</i>	8	2.4
4. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	30	1.2	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	2.4
5. <i>Cerebrovascular diseases</i>	24	0.9	Mati Lemas <i>Drowning</i>	7	2.1
6. <i>Diseases of the liver</i>	14	0.5	Radang paru-paru <i>Pneumonia</i>	6	1.8
7. <i>Influenza</i>	13	0.5	Lelah <i>Asthma</i>	5	1.5
8. <i>Meningitis</i>	11	0.4	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	5	1.5
9. <i>Chronic lower respiratory diseases</i>	11	0.4	Anemia <i>Anaemias</i>	3	0.9
10. <i>Non-Hodgkins lymphoma</i>	8	0.3	Demam <i>Fever</i>	3	0.9
<b>Keseluruhan sebab</b> <i>All causes</i>			<b>Keseluruhan sebab</b> <i>All causes</i>		
<b>2,566</b>			<b>330</b>		

**Jadual 8.2: Sepuluh sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 8.2: Ten principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

Perempuan/ Female					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Pneumonia</i>	61	3.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	47	19.0
2. <i>Transport accidents</i>	43	2.4	Barah sel darah putih <i>Leukaemia</i>	10	4.0
3. <i>Influenza</i>	18	1.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	9	3.6
4. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	17	0.9	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	3.2
5. <i>Meningitis</i>	16	0.9	Lelah <i>Asthma</i>	6	2.4
6. <i>Leukaemia</i>	15	0.8	Radang paru-paru <i>Pneumonia</i>	5	2.0
7. <i>Whooping cough</i>	13	0.7	Demam <i>Fever</i>	3	1.2
8. <i>Diseases of the liver</i>	13	0.7	Mati Lemas <i>Drowning</i>	3	1.2
9. <i>Chronic lower respiratory diseases</i>	11	0.6	Anemia <i>Anaemias</i>	1	0.4
10. <i>Cerebrovascular diseases</i>	10	0.6	Barah limfoma <i>Lymphoma</i>	1	0.4
<b>Keseluruhan sebab <i>All causes</i></b>	<b>1,790</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>247</b>	

**Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Johor</b>	1. <i>Pneumonia</i>	24	4.8	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	17	27.9
	2. <i>Transport accidents</i>	22	4.4	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	5	8.2
	3. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	10	2.0	Barah sel darah putih <i>Leukaemia</i>	2	3.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>504</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>61</b>	
<b>Kedah</b>	1. <i>Transport accidents</i>	21	6.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	26.1
	2. <i>Pneumonia</i>	17	5.3	Lelah <i>Asthma</i>	3	13.0
	3. <i>Leukaemia</i>	5	1.6	Anemia <i>Anaemias</i>	2	8.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>321</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>23</b>	
<b>Kelantan</b>	1. <i>Pneumonia</i>	11	3.0	Barah sel darah putih <i>Leukaemia</i>	4	10.5
	2. <i>Transport accidents</i>	9	2.4	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	3	7.9
	3. <i>Leukaemia</i>	8	2.2	Radang paru-paru <i>Pneumonia</i>	3	7.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>369</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>38</b>	

**Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Melaka</b>	1. <i>Pneumonia</i>	5	4.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	4	33.3
	2. <i>Transport accidents</i>	4	3.2	Barah sel darah putih <i>Leukaemia</i>	1	8.3
	3. <i>Leukaemia</i>	2	1.6	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	8.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>125</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12</b>	
<b>Negeri Sembilan</b>	1. <i>Transport accidents</i>	8	4.7	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	46.7
	2. <i>Influenza</i>	5	3.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	6.7
	3. <i>Pneumonia</i>	3	1.8	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	6.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>169</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>15</b>	
<b>Pahang</b>	1. <i>Transport accidents</i>	18	6.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	8	32.0
	2. <i>Pneumonia</i>	6	2.2	Mati lemas <i>Drowning</i>	4	16.0
	3. <i>Whooping cough</i>	3	1.1	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	2	8.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>277</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>25</b>	

**Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Perak</b>	1. <i>Transport accidents</i>	11	3.5	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	6	26.1
	2. <i>Pneumonia</i>	9	2.9	Barah sel darah putih <i>Leukaemia</i>	4	17.4
	3. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	6	1.9	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	4.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>313</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>23</b>	
<b>Perlis</b>	1. <i>Transport accidents</i>	2	5.7	Lelah <i>Asthma</i>	1	20.0
	2. <i>Pneumonia</i>	1	2.9	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	1	20.0
	3. -			-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>35</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5</b>	
<b>Pulau Pinang</b>	1. <i>Transport accidents</i>	7	4.1	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	2	22.2
	2. <i>Pneumonia</i>	6	3.5	Demam <i>Fever</i>	2	22.2
	3. <i>Leukaemia</i>	4	2.4	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	1	11.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>170</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>9</b>	

**Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Sabah</b>	1. <i>Pneumonia</i>	24	4.9	Demam Fever	2	1.4
	2. <i>Transport accidents</i>	13	2.7	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	1.4
	3. <i>Meningitis</i>	10	2.0	Mati Lemas Drowning	2	1.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>488</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>147</b>	
<b>Sarawak</b>	1. <i>Pneumonia</i>	6	2.0	Keadaan tertentu berpunca dalam tempoh perinatal <i>Certain conditions originating in the perinatal period</i>	8	9.5
	2. <i>Chronic lower respiratory diseases</i>	4	1.4	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	1	1.2
	3. <i>Leukaemia</i>	3	1.0	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>293</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>84</b>	
<b>Selangor</b>	1. <i>Transport accidents</i>	24	3.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	27	29.3
	2. <i>Pneumonia</i>	19	2.4	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	7	7.6
	3. <i>Leukaemia</i>	12	1.5	Radang paru-paru <i>Pneumonia</i>	3	3.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>794</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>92</b>	

**Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>Terengganu</b>	1. <i>Transport accidents</i>	14	5.0	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	7	24.1
	2. <i>Leukaemia</i>	4	1.4	Barah sel darah putih <i>Leukaemia</i>	5	17.2
	3. <i>Pneumonia</i>	4	1.4	Anemia <i>Anaemias</i>	1	3.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>278</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>29</b>	
<b>W.P. Kuala Lumpur</b>	1. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	6	3.4	Lelah <i>Asthma</i>	2	16.7
	2. <i>Transport accidents</i>	4	2.3	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	2	16.7
	3. <i>Intentional self-harm</i>	4	2.3	Barah hati <i>Liver cancer</i>	1	8.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>174</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12</b>	
<b>W.P. Labuan</b>	1. <i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	1	7.1	Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir <i>Congenital malformations, deformations and chromosomal abnormalities</i>	1	50.0
	2. <i>Whooping cough</i>	1	7.1	Mati lemas <i>Drowning</i>	1	50.0
	3. <i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	1	7.1	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>14</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2</b>	

**Jadual 8.3: Tiga sebab kematian utama penduduk berumur 0-14 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 8.3: Three principal causes of death of population aged 0-14 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
W.P. Putrajaya	1. Measles	1	3.1	-	
	2. Malignant neoplasm of meninges, brain and other parts of central nervous system	1	3.1	-	
	3. Transport accidents	1	3.1	-	
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32</b>			<b>-</b>



**KEMATIAN PENDUDUK  
BERUMUR 15-40 TAHUN**

*DEATHS OF  
POPULATION*

*AGED 15-40 YEARS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 9.1: Kematian penduduk berumur 15-40 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 9.1: Deaths of population aged 15-40 years (number and rate) by state and sex, Malaysia, 2023

	Kematian penduduk berumur 15-40 tahun <i>Deaths of population aged 15-40 years</i>			Kadar mortaliti penduduk berumur 15-40 tahun <i>Mortality rate of population aged 15-40 years</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>14,600</b>	<b>10,346</b>	<b>4,254</b>	<b>1.0</b>	<b>1.3</b>	<b>0.6</b>
Johor	1,848	1,304	544	1.0	1.3	0.7
Kedah	1,252	877	375	1.3	1.8	0.8
Kelantan	983	669	314	1.2	1.6	0.8
Melaka	416	309	107	0.9	1.2	0.5
Negeri Sembilan	610	450	160	1.1	1.6	0.6
Pahang	900	626	274	1.2	1.6	0.9
Perak	1,281	912	369	1.2	1.5	0.8
Perlis	175	115	60	1.3	1.6	0.9
Pulau Pinang	663	482	181	0.8	1.2	0.5
Sabah	1,265	841	424	0.7	0.9	0.5
Sarawak	1,357	987	370	1.2	1.7	0.7
Selangor	2,543	1,852	691	0.8	1.1	0.5
Terengganu	625	451	174	1.2	1.6	0.7
W.P. Kuala Lumpur	622	435	187	0.7	0.9	0.4
W.P. Labuan	30	18	12	0.7	0.8	0.5
W.P. Putrajaya	30	18	12	0.6	0.8	0.5

Kadar adalah bagi setiap 1,000 penduduk berumur 15-40 tahun

The rates are per 1,000 population of aged 15-40 years

**Jadual 9.2: Sepuluh sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023**

Table 9.2: Ten principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Transport accidents</i>	2,435	20.1	Kencing manis <i>Diabetes mellitus</i>	88	3.5
2. <i>Ischaemic heart diseases</i>	999	8.3	Darah tinggi <i>Hypertension</i>	82	3.3
3. <i>Pneumonia</i>	866	7.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	70	2.8
4. <i>Intentional self-harm</i>	607	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	65	2.6
5. <i>Cerebrovascular diseases</i>	438	3.6	Lelah <i>Asthma</i>	62	2.5
6. <i>Respiratory tuberculosis</i>	141	1.2	Barah payudara <i>Breast cancer</i>	61	2.4
7. <i>Malignant neoplasm of breast</i>	141	1.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	45	1.8
8. <i>Leukaemia</i>	140	1.2	Radang paru-paru <i>Pneumonia</i>	44	1.8
9. <i>Malignant neoplasm of colon, rectum and anus</i>	123	1.0	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	38	1.5
10. <i>Diseases of the liver</i>	115	1.0	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	27	1.1
<b>Keseluruhan sebab <i>All causes</i></b>	<b>12,099</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>2,501</b>	

**Jadual 9.2: Sepuluh sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan mengikut jantina, Malaysia, 2023 (samb.))**

Table 9.2: Ten principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Transport accidents</i>	2,178	25.1	Kencing manis <i>Diabetes mellitus</i>	63 3.8
	2. <i>Ischaemic heart diseases</i>	860	9.9	Darah tinggi <i>Hypertension</i>	59 3.6
	3. <i>Pneumonia</i>	562	6.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	54 3.3
	4. <i>Intentional self-harm</i>	508	5.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	43 2.6
	5. <i>Cerebrovascular diseases</i>	297	3.4	Lelah <i>Asthma</i>	34 2.1
	6. <i>Diseases of the liver</i>	94	1.1	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	33 2.0
	7. <i>Respiratory tuberculosis</i>	91	1.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	26 1.6
	8. <i>Leukaemia</i>	85	1.0	Radang paru-paru <i>Pneumonia</i>	26 1.6
	9. <i>Hypertensive diseases</i>	66	0.8	Barah hati <i>Liver cancer</i>	17 1.0
	10. <i>Malignant neoplasm of colon, rectum and anus</i>	63	0.7	Barah sel darah putih <i>Leukaemia</i>	15 0.9
		<b>Keseluruhan sebab <i>All causes</i></b>		<b>Keseluruhan sebab <i>All causes</i></b>	
		<b>8,691</b>		<b>1,655</b>	
Perempuan/ Female	1. <i>Pneumonia</i>	304	8.9	Barah payudara <i>Breast cancer</i>	61 7.2
	2. <i>Transport accidents</i>	257	7.5	Lelah <i>Asthma</i>	28 3.3
	3. <i>Malignant neoplasm of breast</i>	141	4.1	Kencing manis <i>Diabetes mellitus</i>	25 3.0
	4. <i>Cerebrovascular diseases</i>	141	4.1	Darah tinggi <i>Hypertension</i>	23 2.7
	5. <i>Ischaemic heart diseases</i>	139	4.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	22 2.6
	6. <i>Intentional self-harm</i>	99	2.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	19 2.2
	7. <i>Malignant neoplasm of colon, rectum and anus</i>	60	1.8	Radang paru-paru <i>Pneumonia</i>	18 2.1
	8. <i>Leukaemia</i>	55	1.6	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	16 1.9
	9. <i>Respiratory tuberculosis</i>	50	1.5	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	15 1.8
	10. <i>Malignant neoplasm of ovary</i>	44	1.3	Barah rahim <i>Uterus cancer</i>	15 1.8
		<b>Keseluruhan sebab <i>All causes</i></b>		<b>Keseluruhan sebab <i>All causes</i></b>	
		<b>3,408</b>		<b>846</b>	

**Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2023

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
<b>Johor</b>	1. <i>Transport accidents</i>	353	22.1	Darah tinggi <i>Hypertension</i>	16	6.4
	2. <i>Ischaemic heart diseases</i>	139	8.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	11	4.4
	3. <i>Pneumonia</i>	116	7.3	Asma <i>Asthma</i>	10	4.0
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>1,598</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>250</b>	
<b>Kedah</b>	1. <i>Transport accidents</i>	245	22.1	Kencing manis <i>Diabetes mellitus</i>	9	6.4
	2. <i>Pneumonia</i>	120	10.8	Barah payudara <i>Breast cancer</i>	7	5.0
	3. <i>Ischaemic heart diseases</i>	79	7.1	Darah tinggi <i>Hypertension</i>	7	5.0
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>1,111</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>141</b>	
<b>Kelantan</b>	1. <i>Transport accidents</i>	133	16.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	9	5.2
	2. <i>Pneumonia</i>	79	9.8	Lelah <i>Asthma</i>	8	4.6
	3. <i>Ischaemic heart diseases</i>	75	9.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	7	4.0
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>810</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>173</b>	
<b>Melaka</b>	1. <i>Transport accidents</i>	98	27.6	Kencing manis <i>Diabetes mellitus</i>	10	16.4
	2. <i>Ischaemic heart diseases</i>	25	7.0	Darah tinggi <i>Hypertension</i>	3	4.9
	3. <i>Intentional self-harm</i>	18	5.1	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	3	4.9
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>355</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>61</b>	

**Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Negeri Sembilan	1. <i>Transport accidents</i>	144	26.6	Darah tinggi <i>Hypertension</i>	4	5.8
	2. <i>Ischaemic heart diseases</i>	53	9.8	Barah payudara <i>Breast cancer</i>	3	4.3
	3. <i>Pneumonia</i>	23	4.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	3	4.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>541</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>69</b>	
Pahang	1. <i>Transport accidents</i>	177	24.5	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	9	5.1
	2. <i>Pneumonia</i>	58	8.0	Lelah <i>Asthma</i>	8	4.5
	3. <i>Ischaemic heart diseases</i>	52	7.2	Kencing manis <i>Diabetes mellitus</i>	8	4.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>722</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>178</b>	
Perak	1. <i>Transport accidents</i>	220	19.1	Darah tinggi <i>Hypertension</i>	7	5.3
	2. <i>Ischaemic heart diseases</i>	98	8.5	Kencing manis <i>Diabetes mellitus</i>	6	4.5
	3. <i>Pneumonia</i>	78	6.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	6	4.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,149</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>132</b>	
Perlis	1. <i>Transport accidents</i>	28	20.3	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	8	21.6
	2. <i>Pneumonia</i>	16	11.6	Darah tinggi <i>Hypertension</i>	3	8.1
	3. <i>Ischaemic heart diseases</i>	15	10.9	Lelah <i>Asthma</i>	2	5.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>138</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>37</b>	

**Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Pulau Pinang	1. <i>Transport accidents</i>	147	23.9	Barah otak dan lain-lain barah sistem saraf pusat <i>Brain and other nervous system cancer</i>	3	6.4
	2. <i>Ischaemic heart diseases</i>	50	8.1	Barah payudara <i>Breast cancer</i>	3	6.4
	3. <i>Intentional self-harm</i>	49	8.0	Darah tinggi <i>Hypertension</i>	3	6.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>616</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>47</b>	
Sabah	1. <i>Transport accidents</i>	108	11.9	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	9	2.5
	2. <i>Pneumonia</i>	74	8.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	8	2.3
	3. <i>Cerebrovascular diseases</i>	40	4.4	Demam <i>Fever</i>	7	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>910</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>355</b>	
Sarawak	1. <i>Transport accidents</i>	83	10.4	Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and water</i>	3	0.5
	2. <i>Pneumonia</i>	41	5.2	Mati Lemas <i>Drowning</i>	2	0.4
	3. <i>Ischaemic heart diseases</i>	40	5.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1	0.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>795</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>562</b>	
Selangor	1. <i>Transport accidents</i>	469	21.2	Kencing manis <i>Diabetes mellitus</i>	24	7.2
	2. <i>Ischaemic heart diseases</i>	217	9.8	Darah tinggi <i>Hypertension</i>	19	5.7
	3. <i>Intentional self-harm</i>	203	9.2	Lelah <i>Asthma</i>	15	4.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,211</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>332</b>	




**Jadual 9.3: Tiga sebab kematian utama penduduk berumur 15-40 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 9.3: Three principal causes of death of population aged 15-40 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Terengganu	1. <i>Transport accidents</i>	124	23.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	7	7.1
	2. <i>Ischaemic heart diseases</i>	55	10.4	Barah payudara <i>Breast cancer</i>	6	6.1
	3. <i>Pneumonia</i>	48	9.1	Kencing manis <i>Diabetes mellitus</i>	4	4.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>527</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>98</b>	
W.P. Kuala Lumpur	1. <i>Transport accidents</i>	97	17.1	Kencing manis <i>Diabetes mellitus</i>	5	8.9
	2. <i>Ischaemic heart diseases</i>	65	11.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	4	7.1
	3. <i>Intentional self-harm</i>	55	9.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	4	7.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>566</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>56</b>	
W.P. Labuan	1. <i>Pneumonia</i>	2	8.7	-		
	2. <i>Transport accidents</i>	2	8.7	-		
	3. <i>Malignant neoplasm of colon, rectum and anus</i>	1	4.3	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>23</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7</b>	
W.P. Putrajaya	1. <i>Transport accidents</i>	7	25.9	-		
	2. <i>Pneumonia</i>	3	11.1	-		
	3. <i>Hypertensive diseases</i>	2	7.4	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>27</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3</b>	

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



**KEMATIAN PENDUDUK  
BERUMUR 41-59 TAHUN**  
*DEATHS OF  
POPULATION  
AGED 41-59 YEARS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 10.1: Kematian penduduk berumur 41-59 tahun (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 10.1: Deaths of population aged 41-59 years (number and rate) by state and sex, Malaysia, 2023

	Kematian penduduk berumur 41-59 tahun <i>Deaths of population aged 41-59 years</i>			Kadar mortaliti penduduk berumur 41-59 tahun <i>Mortality rate of population aged 41-59 years</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>39,767</b>	<b>25,930</b>	<b>13,837</b>	<b>5.6</b>	<b>7.1</b>	<b>4.1</b>
Johor	5,106	3,337	1,769	5.8	7.2	4.2
Kedah	3,326	2,073	1,253	7.9	10.0	5.8
Kelantan	2,362	1,473	889	7.3	9.4	5.4
Melaka	1,158	761	397	5.5	7.3	3.8
Negeri Sembilan	1,557	1,008	549	6.3	8.2	4.5
Pahang	2,234	1,421	813	6.5	7.9	4.9
Perak	3,764	2,495	1,269	7.0	9.2	4.7
Perlis	365	226	139	5.7	7.5	4.2
Pulau Pinang	2,200	1,443	757	5.2	6.7	3.6
Sabah	3,614	2,319	1,295	6.0	7.4	4.5
Sarawak	3,281	2,135	1,146	5.8	7.5	4.1
Selangor	7,200	4,880	2,320	4.4	5.6	3.0
Terengganu	1,685	1,066	619	7.4	9.3	5.5
W.P. Kuala Lumpur	1,763	1,190	573	3.4	4.3	2.4
W.P. Labuan	78	52	26	4.0	5.2	2.8
W.P. Putrajaya	74	51	23	2.9	4.1	1.8

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, 2023**

Table 10.2: Ten principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Ischaemic heart diseases</i>	5,673	19.8	Kencing manis <i>Diabetes mellitus</i>	1,020	9.1
2. <i>Pneumonia</i>	2,799	9.8	Darah tinggi <i>Hypertension</i>	819	7.3
3. <i>Cerebrovascular diseases</i>	2,170	7.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	580	5.2
4. <i>Transport accidents</i>	916	3.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	433	3.9
5. <i>Malignant neoplasm of breast</i>	779	2.7	Barah payudara <i>Breast cancer</i>	323	2.9
6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	649	2.3	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	315	2.8
7. <i>Diseases of the liver</i>	574	2.0	Lelah <i>Asthma</i>	216	1.9
8. <i>Malignant neoplasm of colon, rectum and anus</i>	525	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	209	1.9
9. <i>Hypertensive diseases</i>	495	1.7	Barah hati <i>Liver cancer</i>	190	1.7
10. <i>Diabetes mellitus</i>	443	1.5	Radang paru-paru <i>Pneumonia</i>	94	0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>28,601</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>11,166</b>

**Jadual 10.2: Sepuluh sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 10.2: Ten principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	4,681	24.8	Kencing manis <i>Diabetes mellitus</i>	622 8.8
	2. <i>Pneumonia</i>	1,814	9.6	Darah tinggi <i>Hypertension</i>	501 7.1
	3. <i>Cerebrovascular diseases</i>	1,414	7.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	389 5.5
	4. <i>Transport accidents</i>	752	4.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	348 4.9
	5. <i>Diseases of the liver</i>	466	2.5	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	199 2.8
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	433	2.3	Barah hati <i>Liver cancer</i>	147 2.1
	7. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	353	1.9	Lelah <i>Asthma</i>	142 2.0
	8. <i>Hypertensive diseases</i>	337	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	134 1.9
	9. <i>Malignant neoplasm of colon, rectum and anus</i>	287	1.5	Radang paru-paru <i>Pneumonia</i>	70 1.0
	10. <i>Diabetes mellitus</i>	258	1.4	Penyakit hati <i>Liver diseases</i>	56 0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>18,857</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7,073</b>
Perempuan/ Female	1. <i>Ischaemic heart diseases</i>	992	10.2	Kencing manis <i>Diabetes mellitus</i>	398 9.7
	2. <i>Pneumonia</i>	985	10.1	Barah payudara <i>Breast cancer</i>	322 7.9
	3. <i>Malignant neoplasm of breast</i>	778	8.0	Darah tinggi <i>Hypertension</i>	318 7.8
	4. <i>Cerebrovascular diseases</i>	756	7.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	191 4.7
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	238	2.4	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	116 2.8
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	216	2.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	85 2.1
	7. <i>Malignant neoplasm of ovary</i>	189	1.9	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	75 1.8
	8. <i>Malignant neoplasm of cervix uteri</i>	188	1.9	Lelah <i>Asthma</i>	74 1.8
	9. <i>Diabetes mellitus</i>	185	1.9	Barah ovari <i>Ovary cancer</i>	56 1.4
	10. <i>Transport accidents</i>	164	1.7	Barah rahim <i>Uterus cancer</i>	56 1.4
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>9,744</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,093</b>

**Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2023

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Johor	1. <i>Ischaemic heart diseases</i>	810	21.0	Darah tinggi <i>Hypertension</i>	140	11.2
	2. <i>Pneumonia</i>	392	10.2	Kencing manis <i>Diabetes mellitus</i>	122	9.8
	3. <i>Cerebrovascular diseases</i>	317	8.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	79	6.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,855</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,251</b>	
Kedah	1. <i>Ischaemic heart diseases</i>	604	22.4	Kencing manis <i>Diabetes mellitus</i>	95	15.0
	2. <i>Pneumonia</i>	365	13.6	Darah tinggi <i>Hypertension</i>	57	9.0
	3. <i>Cerebrovascular diseases</i>	235	8.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	48	7.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,692</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>634</b>	
Kelantan	1. <i>Ischaemic heart diseases</i>	374	22.8	Kencing manis <i>Diabetes mellitus</i>	101	14.0
	2. <i>Pneumonia</i>	186	11.3	Darah tinggi <i>Hypertension</i>	61	8.5
	3. <i>Cerebrovascular diseases</i>	139	8.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	57	7.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,641</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>721</b>	
Melaka	1. <i>Ischaemic heart diseases</i>	187	22.9	Kencing manis <i>Diabetes mellitus</i>	41	12.0
	2. <i>Cerebrovascular diseases</i>	59	7.2	Darah tinggi <i>Hypertension</i>	40	11.7
	3. <i>Pneumonia</i>	53	6.5	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	23	6.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>817</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>341</b>	



**Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Negeri Sembilan</b>	1. <i>Ischaemic heart diseases</i>	229	19.1	Kencing manis <i>Diabetes mellitus</i>	43	11.9
	2. <i>Cerebrovascular diseases</i>	89	7.4	Darah tinggi <i>Hypertension</i>	25	6.9
	3. <i>Pneumonia</i>	81	6.8	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	22	6.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,197</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>360</b>	
<b>Pahang</b>	1. <i>Ischaemic heart diseases</i>	309	19.9	Kencing manis <i>Diabetes mellitus</i>	74	10.9
	2. <i>Pneumonia</i>	187	12.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	69	10.1
	3. <i>Cerebrovascular diseases</i>	103	6.6	Darah tinggi <i>Hypertension</i>	54	7.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,553</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>681</b>	
<b>Perak</b>	1. <i>Ischaemic heart diseases</i>	661	22.6	Kencing manis <i>Diabetes mellitus</i>	95	11.3
	2. <i>Pneumonia</i>	259	8.9	Darah tinggi <i>Hypertension</i>	69	8.2
	3. <i>Cerebrovascular diseases</i>	226	7.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	56	6.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,923</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>841</b>	
<b>Perlis</b>	1. <i>Ischaemic heart diseases</i>	35	14.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	28	23.7
	2. <i>Pneumonia</i>	29	11.7	Kencing manis <i>Diabetes mellitus</i>	18	15.3
	3. <i>Cerebrovascular diseases</i>	20	8.1	Darah tinggi <i>Hypertension</i>	12	10.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>247</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>118</b>	

**Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Pulau Pinang</b>	1. <i>Ischaemic heart diseases</i>	382	21.4	Kencing manis <i>Diabetes mellitus</i>	46	11.1
	2. <i>Pneumonia</i>	208	11.7	Darah tinggi <i>Hypertension</i>	37	8.9
	3. <i>Cerebrovascular diseases</i>	97	5.4	Barah payudara <i>Breast cancer</i>	29	7.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,784</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>416</b>	
<b>Sabah</b>	1. <i>Ischaemic heart diseases</i>	209	10.2	Darah tinggi <i>Hypertension</i>	47	3.0
	2. <i>Pneumonia</i>	167	8.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	41	2.6
	3. <i>Cerebrovascular diseases</i>	150	7.3	Kencing manis <i>Diabetes mellitus</i>	38	2.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,049</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,565</b>	
<b>Sarawak</b>	1. <i>Ischaemic heart diseases</i>	183	9.7	Darah tinggi <i>Hypertension</i>	4	0.3
	2. <i>Cerebrovascular diseases</i>	125	6.6	Barah bibir,dalam mulut dan tekak <i>Lip, oral cavity and pharynx cancer</i>	1	0.1
	3. <i>Pneumonia</i>	116	6.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	1	0.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,890</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,391</b>	
<b>Selangor</b>	1. <i>Ischaemic heart diseases</i>	1,145	22.1	Kencing manis <i>Diabetes mellitus</i>	248	12.3
	2. <i>Pneumonia</i>	482	9.3	Darah tinggi <i>Hypertension</i>	187	9.3
	3. <i>Cerebrovascular diseases</i>	372	7.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	129	6.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5,183</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,017</b>	

**Jadual 10.3: Tiga sebab kematian utama penduduk berumur 41-59 tahun (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 10.3: Three principal causes of death of population aged 41-59 years (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Terengganu</b>	1. <i>Ischaemic heart diseases</i>	226	18.3	Kencing manis <i>Diabetes mellitus</i>	62	13.8
	2. <i>Pneumonia</i>	140	11.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	45	10.0
	3. <i>Cerebrovascular diseases</i>	119	9.6	Darah tinggi <i>Hypertension</i>	44	9.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,236</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>449</b>	
<b>W.P. Kuala Lumpur</b>	1. <i>Ischaemic heart diseases</i>	296	20.9	Darah tinggi <i>Hypertension</i>	41	11.9
	2. <i>Pneumonia</i>	128	9.0	Kencing manis <i>Diabetes mellitus</i>	33	9.6
	3. <i>Cerebrovascular diseases</i>	110	7.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	14	4.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,419</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>344</b>	
<b>W.P. Labuan</b>	1. <i>Ischaemic heart diseases</i>	8	17.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	6.5
	2. <i>Cerebrovascular diseases</i>	5	10.6	Lelah <i>Asthma</i>	1	3.2
	3. <i>Pneumonia</i>	3	6.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	1	3.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>47</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31</b>	
<b>W.P. Putrajaya</b>	1. <i>Ischaemic heart diseases</i>	15	22.1	Kencing manis <i>Diabetes mellitus</i>	3	50.0
	2. <i>Malignant neoplasm of colon, rectum and anus</i>	8	11.8	Barah perut <i>Stomach cancer</i>	1	16.7
	3. <i>Cerebrovascular diseases</i>	4	5.9	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>68</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6</b>	

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**KEMATIAN PENDUDUK  
BERUMUR 60 TAHUN  
DAN LEBIH**

*DEATHS OF  
POPULATION  
AGED 60 YEARS AND  
OVER*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 11.1: Kematian penduduk berumur 60 tahun dan lebih (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

*Table 11.1: Deaths of population aged 60 years and over (number and rate) by state and sex, Malaysia, 2023*

	Kematian penduduk berumur 60 tahun dan lebih <i>Deaths of population aged 60 years and over</i>			Kadar mortaliti penduduk berumur 60 tahun dan lebih <i>Mortality rate of population aged 60 years and over</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>137,665</b>	<b>73,121</b>	<b>64,544</b>	<b>36.5</b>	<b>39.5</b>	<b>33.5</b>
Johor	17,186	9,226	7,960	37.5	40.2	34.8
Kedah	11,721	6,156	5,565	41.0	46.0	36.5
Kelantan	8,087	4,127	3,960	40.1	44.2	36.6
Melaka	4,479	2,308	2,171	41.7	45.3	38.5
Negeri Sembilan	5,881	3,151	2,730	39.9	44.2	36.0
Pahang	7,072	3,852	3,220	42.0	46.4	37.7
Perak	15,458	8,127	7,331	41.5	46.9	36.9
Perlis	1,591	816	775	44.8	50.8	39.8
Pulau Pinang	9,262	4,824	4,438	42.3	45.8	39.0
Sabah	11,096	6,148	4,948	36.0	38.9	33.0
Sarawak	11,143	5,867	5,276	34.7	37.3	32.2
Selangor	22,017	11,772	10,245	26.8	28.1	25.4
Terengganu	5,240	2,751	2,489	45.4	50.7	40.7
W.P. Kuala Lumpur	7,075	3,809	3,266	35.0	38.3	31.9
W.P. Labuan	209	115	94	25.6	26.7	24.3
W.P. Putrajaya	148	72	76	37.0	39.4	35.1

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, 2023**

Table 11.2: Ten principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Pneumonia</i>	14,377	19.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	32,758	51.9
2. <i>Ischaemic heart diseases</i>	11,447	15.3	Darah tinggi <i>Hypertension</i>	2,529	4.0
3. <i>Cerebrovascular diseases</i>	6,015	8.1	Kencing manis <i>Diabetes mellitus</i>	2,289	3.6
4. <i>Chronic lower respiratory diseases</i>	1,784	2.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,991	3.2
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,656	2.2	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	689	1.1
6. <i>Diabetes mellitus</i>	1,467	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	688	1.1
7. <i>Malignant neoplasm of colon, rectum and anus</i>	1,421	1.9	Lelah <i>Asthma</i>	596	0.9
8. <i>Hypertensive diseases</i>	1,154	1.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	508	0.8
9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	1,034	1.4	Barah hati <i>Liver cancer</i>	452	0.7
10. <i>Diseases of the liver</i>	775	1.0	Radang paru-paru <i>Pneumonia</i>	399	0.6
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>74,596</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>63,069</b>	



**Jadual 11.2: Sepuluh sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 11.2: Ten principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Pneumonia</i>	7,912	18.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,674 46.8
	2. <i>Ischaemic heart diseases</i>	7,106	17.0	Darah tinggi <i>Hypertension</i>	1,264 4.0
	3. <i>Cerebrovascular diseases</i>	3,218	7.7	Kencing manis <i>Diabetes mellitus</i>	1,158 3.7
	4. <i>Chronic lower respiratory diseases</i>	1,230	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,101 3.5
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,107	2.6	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	443 1.4
	6. <i>Malignant neoplasm of colon, rectum and anus</i>	810	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	409 1.3
	7. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	733	1.8	Lelah <i>Asthma</i>	377 1.2
	8. <i>Diabetes mellitus</i>	694	1.7	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	359 1.1
	9. <i>Hypertensive diseases</i>	603	1.4	Barah hati <i>Liver cancer</i>	310 1.0
	10. <i>Transport accidents</i>	597	1.4	Radang paru-paru <i>Pneumonia</i>	223 0.7
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>41,792</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,329</b>
Perempuan/ Female	1. <i>Pneumonia</i>	6,465	19.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,084 57.0
	2. <i>Ischaemic heart diseases</i>	4,341	13.2	Darah tinggi <i>Hypertension</i>	1,265 4.0
	3. <i>Cerebrovascular diseases</i>	2,797	8.5	Kencing manis <i>Diabetes mellitus</i>	1,131 3.6
	4. <i>Diabetes mellitus</i>	773	2.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	890 2.8
	5. <i>Malignant neoplasm of breast</i>	754	2.3	Barah payudara <i>Breast cancer</i>	376 1.2
	6. <i>Malignant neoplasm of colon, rectum and anus</i>	611	1.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	279 0.9
	7. <i>Chronic lower respiratory diseases</i>	554	1.7	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	246 0.8
	8. <i>Hypertensive diseases</i>	551	1.7	Lelah <i>Asthma</i>	219 0.7
	9. <i>Malignant neoplasm of trachea, bronchus and lung</i>	549	1.7	Radang paru-paru <i>Pneumonia</i>	176 0.6
	10. <i>Diseases of the liver</i>	321	1.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	149 0.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>32,804</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,740</b>

**Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 11.3: Three principal causes of death of population aged 60 years and over (medically certified and non-medically certified) by state, Malaysia, 2023

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Johor	1. <i>Pneumonia</i>	1,919	20.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,392	69.3
	2. <i>Ischaemic heart diseases</i>	1,604	17.1	Darah tinggi <i>Hypertension</i>	270	3.5
	3. <i>Cerebrovascular diseases</i>	703	7.5	Kencing manis <i>Diabetes mellitus</i>	205	2.6
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>9,400</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>7,786</b>	
Kedah	1. <i>Pneumonia</i>	1,655	20.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,184	57.3
	2. <i>Ischaemic heart diseases</i>	1,594	20.1	Kencing manis <i>Diabetes mellitus</i>	231	6.1
	3. <i>Cerebrovascular diseases</i>	806	10.2	Darah tinggi <i>Hypertension</i>	207	5.4
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>7,912</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>3,809</b>	
Kelantan	1. <i>Pneumonia</i>	884	21.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,712	44.0
	2. <i>Ischaemic heart diseases</i>	850	20.2	Darah tinggi <i>Hypertension</i>	347	8.9
	3. <i>Cerebrovascular diseases</i>	366	8.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	334	8.6
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>4,199</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>3,888</b>	
Melaka	1. <i>Ischaemic heart diseases</i>	416	18.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,328	59.7
	2. <i>Pneumonia</i>	336	14.9	Kencing manis <i>Diabetes mellitus</i>	125	5.6
	3. <i>Cerebrovascular diseases</i>	171	7.6	Darah tinggi <i>Hypertension</i>	97	4.4
	<b>Keseluruhan sebab <i>All causes</i></b>	<b>2,254</b>		<b>Keseluruhan sebab <i>All causes</i></b>	<b>2,225</b>	

**Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (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, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Negeri Sembilan	1. <i>Pneumonia</i>	548	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,657	65.3
	2. <i>Ischaemic heart diseases</i>	483	14.4	Kencing manis <i>Diabetes mellitus</i>	90	3.5
	3. <i>Cerebrovascular diseases</i>	273	8.2	Darah tinggi <i>Hypertension</i>	68	2.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,343</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,538</b>	
Pahang	1. <i>Pneumonia</i>	748	20.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,970	56.4
	2. <i>Ischaemic heart diseases</i>	535	15.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	177	5.1
	3. <i>Cerebrovascular diseases</i>	325	9.1	Kencing manis <i>Diabetes mellitus</i>	157	4.5
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,576</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,496</b>	
Perak	1. <i>Pneumonia</i>	1,653	19.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4,970	70.5
	2. <i>Ischaemic heart diseases</i>	1,243	14.8	Darah tinggi <i>Hypertension</i>	226	3.2
	3. <i>Cerebrovascular diseases</i>	708	8.4	Kencing manis <i>Diabetes mellitus</i>	211	3.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>8,406</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>7,052</b>	
Perlis	1. <i>Pneumonia</i>	202	22.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,563	64.2
	2. <i>Ischaemic heart diseases</i>	152	16.6	Darah tinggi <i>Hypertension</i>	243	6.1
	3. <i>Cerebrovascular diseases</i>	87	9.5	Kencing manis <i>Diabetes mellitus</i>	154	3.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>914</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,993</b>	

**Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (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, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Pulau Pinang	1. <i>Pneumonia</i>	1,134	21.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	2,212	33.9
	2. <i>Ischaemic heart diseases</i>	777	14.7	Darah tinggi <i>Hypertension</i>	80	1.2
	3. <i>Cerebrovascular diseases</i>	293	5.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	79	1.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>5,269</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6,534</b>	
Sabah	1. <i>Pneumonia</i>	869	19.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	88	1.4
	2. <i>Ischaemic heart diseases</i>	391	8.6	Darah tinggi <i>Hypertension</i>	4	0.1
	3. <i>Cerebrovascular diseases</i>	338	7.4	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	3	0.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,562</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6,335</b>	
Sarawak	1. <i>Pneumonia</i>	610	12.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5,606	56.2
	2. <i>Ischaemic heart diseases</i>	417	8.7	Darah tinggi <i>Hypertension</i>	518	5.2
	3. <i>Cerebrovascular diseases</i>	385	8.0	Kencing manis <i>Diabetes mellitus</i>	466	4.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,808</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>9,971</b>	
Selangor	1. <i>Pneumonia</i>	2,455	20.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,049	47.8
	2. <i>Ischaemic heart diseases</i>	1,713	14.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	181	8.2
	3. <i>Cerebrovascular diseases</i>	819	6.8	Darah tinggi <i>Hypertension</i>	178	8.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>12,046</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,194</b>	

**Jadual 11.3: Tiga sebab kematian utama penduduk berumur 60 tahun dan lebih (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (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, 2023 (cont'd)

	Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>			
	Bil. No.	%	Bil. No.	%		
Terengganu	1. <i>Pneumonia</i>	500	16.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,598	64.7
	2. <i>Ischaemic heart diseases</i>	495	16.3	Darah tinggi <i>Hypertension</i>	99	4.0
	3. <i>Cerebrovascular diseases</i>	371	12.2	Kencing manis <i>Diabetes mellitus</i>	92	3.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,046</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,471</b>	
W.P. Kuala Lumpur	1. <i>Pneumonia</i>	827	18.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	59	67.8
	2. <i>Ischaemic heart diseases</i>	738	16.0	Barah hati <i>Liver cancer</i>	2	2.3
	3. <i>Cerebrovascular diseases</i>	345	7.5	Darah tinggi <i>Hypertension</i>	2	2.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,604</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>87</b>	
W.P. Labuan	1. <i>Pneumonia</i>	22	18.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	5	38.5
	2. <i>Ischaemic heart diseases</i>	12	9.8	Kencing manis <i>Diabetes mellitus</i>	3	23.1
	3. <i>Cerebrovascular diseases</i>	11	9.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	2	15.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>122</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>13</b>	
W.P. Putrajaya	1. <i>Ischaemic heart diseases</i>	27	20.0	Kencing manis <i>Diabetes mellitus</i>	3	50.0
	2. <i>Pneumonia</i>	15	11.1	Barah perut <i>Stomach cancer</i>	1	16.7
	3. <i>Cerebrovascular diseases</i>	14	10.4	-		
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>135</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6</b>	

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



# **KEMATIAN PRAMATANG**

## *PREMATURE DEATHS*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



**Jadual 12.1: Kematian pramatang (bilangan dan kadar) mengikut negeri dan jantina, Malaysia, 2023**

Table 12.1: Premature deaths (number and rate) by state and sex, Malaysia, 2023

	Kematian penduduk berumur 30-69 tahun <i>Deaths of population aged 30-69 years</i>			Kadar mortaliti penduduk berumur 30-69 tahun <i>Mortality rate of population aged 30-69 years</i>		
	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>	Jumlah <i>Total</i>	Lelaki <i>Male</i>	Perempuan <i>Female</i>
<b>MALAYSIA</b>	<b>90,924</b>	<b>57,920</b>	<b>33,004</b>	<b>5.8</b>	<b>7.1</b>	<b>4.4</b>
Johor	11,559	7,377	4,182	6.1	7.3	4.7
Kedah	7,794	4,842	2,952	8.3	10.5	6.2
Kelantan	5,396	3,256	2,140	7.6	9.2	6.0
Melaka	2,776	1,739	1,037	5.8	6.8	4.6
Negeri Sembilan	3,776	2,400	1,376	6.6	8.0	5.0
Pahang	5,008	3,130	1,878	6.8	7.9	5.5
Perak	8,977	5,755	3,222	7.6	9.4	5.7
Perlis	912	556	356	7.1	8.9	5.4
Pulau Pinang	5,194	3,320	1,874	5.7	7.2	4.2
Sabah	8,184	5,181	3,003	5.6	6.8	4.3
Sarawak	7,059	4,515	2,544	5.8	7.2	4.3
Selangor	15,781	10,418	5,363	4.3	5.4	3.1
Terengganu	3,909	2,407	1,502	7.8	9.3	6.1
W.P. Kuala Lumpur	4,276	2,819	1,457	3.8	4.6	2.8
W.P. Labuan	168	116	52	3.8	5.0	2.4
W.P. Putrajaya	155	89	66	2.8	3.4	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, 2023**

Table 12.2: Ten principal causes of premature death (medically certified and non-medically certified) by sex, Malaysia, 2023

Jumlah/ Total					
Disahkan secara perubatan <i>Medically certified</i>	Bil. <i>No.</i>	%	Tidak disahkan secara perubatan <i>Non-medically certified</i>	Bil. <i>No.</i>	%
1. <i>Ischaemic heart diseases</i>	11,231	17.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	3,241	11.4
2. <i>Pneumonia</i>	7,297	11.7	Kencing manis <i>Diabetes mellitus</i>	2,141	7.6
3. <i>Cerebrovascular diseases</i>	4,572	7.3	Darah tinggi <i>Hypertension</i>	1,767	6.2
4. <i>Transport accidents</i>	2,040	3.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,388	4.9
5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,494	2.4	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	771	2.7
6. <i>Malignant neoplasm of breast</i>	1,347	2.2	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	628	2.2
7. <i>Malignant neoplasm of colon, rectum and anus</i>	1,247	2.0	Barah payudara <i>Breast cancer</i>	582	2.1
8. <i>Diseases of the liver</i>	1,098	1.8	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	531	1.9
9. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	1,013	1.6	Lelah <i>Asthma</i>	449	1.6
10. <i>Diabetes mellitus</i>	986	1.6	Barah hati <i>Liver cancer</i>	423	1.5
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>62,602</b>	<b>Keseluruhan sebab</b> <i>All causes</i>		<b>28,322</b>

**Jadual 12.2: Sepuluh sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut jantina, Malaysia, 2023 (samb.)**

Table 12.2: Ten principal causes of premature death (medically certified and non-medically certified) by sex, Malaysia, 2023 (cont'd)

		Disahkan secara perubatan <i>Medically certified</i>		Tidak disahkan secara perubatan <i>Non-medically certified</i>	
		Bil. No.	%	Bil. No.	%
Lelaki/ Male	1. <i>Ischaemic heart diseases</i>	8,736	21.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,980 11.2
	2. <i>Pneumonia</i>	4,594	11.4	Kencing manis <i>Diabetes mellitus</i>	1,265 7.1
	3. <i>Cerebrovascular diseases</i>	2,918	7.3	Darah tinggi <i>Hypertension</i>	1,095 6.2
	4. <i>Transport accidents</i>	1,707	4.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	911 5.1
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,021	2.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	605 3.4
	6. <i>Diseases of the liver</i>	811	2.0	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	404 2.3
	7. <i>Malignant neoplasm of liver and intrahepatic bile ducts</i>	786	2.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	356 2.0
	8. <i>Malignant neoplasm of colon, rectum and anus</i>	731	1.8	Barah hati <i>Liver cancer</i>	321 1.8
	9. <i>Hypertensive diseases</i>	610	1.5	Lelah <i>Asthma</i>	300 1.7
	10. <i>Chronic lower respiratory diseases</i>	605	1.5	Radang paru-paru <i>Pneumonia</i>	144 0.8
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>40,203</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>17,717</b>
Perempuan/ Female	1. <i>Pneumonia</i>	2,703	12.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	1,261 11.9
	2. <i>Ischaemic heart diseases</i>	2,495	11.1	Kencing manis <i>Diabetes mellitus</i>	876 8.3
	3. <i>Cerebrovascular diseases</i>	1,654	7.4	Darah tinggi <i>Hypertension</i>	672 6.3
	4. <i>Malignant neoplasm of breast</i>	1,344	6.0	Barah payudara <i>Breast cancer</i>	581 5.5
	5. <i>Malignant neoplasm of colon, rectum and anus</i>	516	2.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	477 4.5
	6. <i>Malignant neoplasm of trachea, bronchus and lung</i>	473	2.1	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	224 2.1
	7. <i>Diabetes mellitus</i>	447	2.0	Barah trakea, bronkus dan paru-paru <i>Trachea, bronchus and lung cancer</i>	175 1.7
	8. <i>Malignant neoplasm of ovary</i>	340	1.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	166 1.6
	9. <i>Transport accidents</i>	333	1.5	Lelah <i>Asthma</i>	149 1.4
	10. <i>Malignant neoplasm of cervix uteri</i>	315	1.4	Barah rahim <i>Uterus cancer</i>	124 1.2
<b>Keseluruhan sebab</b> <i>All causes</i>		<b>22,399</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>10,605</b>

**Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023**

Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2023

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Johor</b>	1. <i>Ischaemic heart diseases</i>	1,608	19.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	579	17.6
	2. <i>Pneumonia</i>	1,027	12.4	Darah tinggi <i>Hypertension</i>	270	8.2
	3. <i>Cerebrovascular diseases</i>	606	7.3	Kencing manis <i>Diabetes mellitus</i>	221	6.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>8,266</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,293</b>	
<b>Kedah</b>	1. <i>Ischaemic heart diseases</i>	1,210	19.7	Kencing manis <i>Diabetes mellitus</i>	205	12.5
	2. <i>Pneumonia</i>	949	15.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	173	10.6
	3. <i>Cerebrovascular diseases</i>	560	9.1	Darah tinggi <i>Hypertension</i>	140	8.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6,157</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,637</b>	
<b>Kelantan</b>	1. <i>Ischaemic heart diseases</i>	777	21.7	Kencing manis <i>Diabetes mellitus</i>	215	11.8
	2. <i>Pneumonia</i>	484	13.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	189	10.4
	3. <i>Cerebrovascular diseases</i>	261	7.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	171	9.4
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,580</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,816</b>	
<b>Melaka</b>	1. <i>Ischaemic heart diseases</i>	387	21.0	Kencing manis <i>Diabetes mellitus</i>	108	11.5
	2. <i>Pneumonia</i>	161	8.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	102	10.9
	3. <i>Cerebrovascular diseases</i>	128	7.0	Darah tinggi <i>Hypertension</i>	81	8.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,839</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>937</b>	

**Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Negeri Sembilan</b>	1. <i>Ischaemic heart diseases</i>	457	16.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	181	17.0
	2. <i>Pneumonia</i>	228	8.4	Kencing manis <i>Diabetes mellitus</i>	96	9.0
	3. <i>Cerebrovascular diseases</i>	198	7.3	Darah tinggi <i>Hypertension</i>	53	5.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,713</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,063</b>	
<b>Pahang</b>	1. <i>Ischaemic heart diseases</i>	569	17.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	201	11.6
	2. <i>Pneumonia</i>	457	14.0	Kencing manis <i>Diabetes mellitus</i>	157	9.1
	3. <i>Cerebrovascular diseases</i>	230	7.0	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	118	6.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,274</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,734</b>	
<b>Perak</b>	1. <i>Ischaemic heart diseases</i>	1,248	19.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	451	18.5
	2. <i>Pneumonia</i>	733	11.2	Kencing manis <i>Diabetes mellitus</i>	206	8.4
	3. <i>Cerebrovascular diseases</i>	495	7.6	Darah tinggi <i>Hypertension</i>	161	6.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>6,536</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,441</b>	
<b>Perlis</b>	1. <i>Ischaemic heart diseases</i>	100	16.2	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	52	17.7
	2. <i>Pneumonia</i>	90	14.5	Kencing manis <i>Diabetes mellitus</i>	33	11.3
	3. <i>Cerebrovascular diseases</i>	41	6.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	32	10.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>619</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>293</b>	

**Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Pulau Pinang</b>	1. <i>Ischaemic heart diseases</i>	746	19.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	258	20.2
	2. <i>Pneumonia</i>	531	13.6	Kencing manis <i>Diabetes mellitus</i>	108	8.4
	3. <i>Cerebrovascular diseases</i>	215	5.5	Darah tinggi <i>Hypertension</i>	98	7.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,914</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,280</b>	
<b>Sabah</b>	1. <i>Pneumonia</i>	464	10.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	267	7.1
	2. <i>Ischaemic heart diseases</i>	424	9.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	86	2.3
	3. <i>Cerebrovascular diseases</i>	299	6.8	Darah tinggi <i>Hypertension</i>	84	2.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,420</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,764</b>	
<b>Sarawak</b>	1. <i>Ischaemic heart diseases</i>	375	9.4	Darah tinggi <i>Hypertension</i>	6	0.2
	2. <i>Pneumonia</i>	282	7.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	4	0.1
	3. <i>Cerebrovascular diseases</i>	277	6.9	Barah kolon, rektum dan dubur <i>Colon, rectum and anus cancer</i>	3	0.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,010</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,049</b>	
<b>Selangor</b>	1. <i>Ischaemic heart diseases</i>	2,119	19.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	561	11.6
	2. <i>Pneumonia</i>	1,181	10.8	Kencing manis <i>Diabetes mellitus</i>	487	10.0
	3. <i>Cerebrovascular diseases</i>	748	6.8	Darah tinggi <i>Hypertension</i>	388	8.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>10,934</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>4,847</b>	

**Jadual 12.3: Tiga sebab kematian utama pramatang (disahkan dan tidak disahkan secara perubatan) mengikut negeri, Malaysia, 2023 (samb.)**

Table 12.3: Three principal causes of premature death (medically certified and non-medically certified) by state, Malaysia, 2023 (cont'd)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>Terengganu</b>	1. <i>Ischaemic heart diseases</i>	523	18.7	Kencing manis <i>Diabetes mellitus</i>	151	13.6
	2. <i>Pneumonia</i>	352	12.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	111	10.0
	3. <i>Cerebrovascular diseases</i>	264	9.4	Darah tinggi <i>Hypertension</i>	107	9.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>2,799</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>1,110</b>	
<b>W.P. Kuala Lumpur</b>	1. <i>Ischaemic heart diseases</i>	645	19.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	155	15.8
	2. <i>Pneumonia</i>	333	10.1	Darah tinggi <i>Hypertension</i>	83	8.4
	3. <i>Cerebrovascular diseases</i>	230	7.0	Kencing manis <i>Diabetes mellitus</i>	82	8.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>3,292</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>984</b>	
<b>W.P. Labuan</b>	1. <i>Ischaemic heart diseases</i>	16	14.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	6	10.0
	2. <i>Pneumonia</i>	12	11.1	Darah tinggi <i>Hypertension</i>	2	3.3
	3. <i>Cerebrovascular diseases</i>	9	8.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2	3.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>108</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>60</b>	
<b>W.P. Putrajaya</b>	1. <i>Ischaemic heart diseases</i>	27	19.1	Kencing manis <i>Diabetes mellitus</i>	5	35.7
	2. <i>Pneumonia</i>	13	9.2	Barah hati <i>Liver cancer</i>	1	7.1
	3. <i>Malignant neoplasm of colon, rectum and anus</i>	12	8.5	Barah perut <i>Stomach cancer</i>	1	7.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>141</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>14</b>	

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



**MATLAMAT  
PEMBANGUNAN  
MAMPAN (SDG)**  
*SUSTAINABLE  
DEVELOPMENT  
GOALS (SDG)*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Jadual 13.1: Kadar kematian pramatang yang berpunca daripada *Cardiovascular diseases* mengikut negeri dan jantina, Malaysia, 2023**

Table 13.1: Premature mortality rate attributed to Cardiovascular diseases by state and sex, Malaysia, 2023

	<b>Cardiovascular diseases</b>		
	<b>Kadar Rate</b>	<b>Lelaki Male</b>	<b>Perempuan Female</b>
<b>MALAYSIA</b>	<b>130.5</b>	<b>180.0</b>	<b>76.6</b>
Johor	149.5	199.0	93.2
Kedah	229.0	325.8	134.5
Kelantan	183.5	246.7	121.1
Melaka	132.7	175.5	84.1
Negeri Sembilan	151.3	210.3	87.8
Pahang	138.2	183.8	86.0
Perak	179.9	254.8	99.5
Perlis	149.4	214.9	87.7
Pulau Pinang	133.9	197.2	69.6
Sabah	81.5	113.4	46.8
Sarawak	85.1	115.2	53.1
Selangor	98.4	140.5	51.2
Terengganu	201.6	263.4	136.7
W.P. Kuala Lumpur	99.0	136.5	55.1
W.P. Labuan	80.4	112.3	46.2
W.P. Putrajaya	89.6	140.3	44.2

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, 2023**

Table 13.2: Premature mortality rate attributed to Cancer by state and sex, Malaysia, 2023

	<b>Cancer</b>		
	<b>Kadar Rate</b>	<b>Lelaki Male</b>	<b>Perempuan Female</b>
<b>MALAYSIA</b>	<b>66.0</b>	<b>61.1</b>	<b>71.2</b>
Johor	67.2	60.4	74.9
Kedah	77.4	74.0	80.8
Kelantan	65.8	59.3	72.2
Melaka	71.0	69.3	72.9
Negeri Sembilan	75.3	68.1	83.1
Pahang	58.2	55.3	61.6
Perak	81.8	80.4	83.2
Perlis	72.4	51.3	92.2
Pulau Pinang	68.2	65.2	71.1
Sabah	64.2	57.2	71.7
Sarawak	78.6	81.5	75.5
Selangor	53.2	47.4	59.7
Terengganu	70.9	64.1	78.0
W.P. Kuala Lumpur	62.3	57.4	68.2
W.P. Labuan	42.4	34.5	50.9
W.P. Putrajaya	66.3	41.7	88.4

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, 2023**

Table 13.3: *Premature mortality rate attributed to Diabetes by state and sex, Malaysia, 2023*

	<b>Diabetes</b>		
	<b>Kadar Rate</b>	<b>Lelaki Male</b>	<b>Perempuan Female</b>
<b>MALAYSIA</b>	<b>6.3</b>	<b>6.6</b>	<b>6.0</b>
Johor	5.2	5.9	4.4
Kedah	21.4	22.3	20.5
Kelantan	9.2	8.5	9.8
Melaka	2.5	3.1	1.8
Negeri Sembilan	7.7	8.4	6.9
Pahang	6.2	5.1	7.6
Perak	8.1	8.2	8.1
Perlis	7.8	6.4	9.1
Pulau Pinang	9.3	12.2	6.4
Sabah	3.2	4.2	2.1
Sarawak	3.7	3.7	3.7
Selangor	1.9	1.9	1.9
Terengganu	18.5	17.5	19.6
W.P. Kuala Lumpur	6.4	7.4	5.2
W.P. Labuan	-	-	-
W.P. Putrajaya	5.4	7.6	3.4

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, 2023**

*Table 13.4: Premature mortality rate attributed to Chronic respiratory diseases by state and sex, Malaysia, 2023*

	<b>Chronic respiratory diseases</b>		
	<b>Kadar Rate</b>	<b>Lelaki Male</b>	<b>Perempuan Female</b>
<b>MALAYSIA</b>	<b>15.8</b>	<b>20.1</b>	<b>11.2</b>
<b>Johor</b>	<b>16.4</b>	20.4	11.8
<b>Kedah</b>	<b>28.7</b>	35.7	21.8
<b>Kelantan</b>	<b>15.5</b>	18.7	12.3
<b>Melaka</b>	<b>13.4</b>	18.5	7.6
<b>Negeri Sembilan</b>	<b>21.9</b>	27.2	16.3
<b>Pahang</b>	<b>20.4</b>	23.8	16.6
<b>Perak</b>	<b>25.6</b>	31.8	19.0
<b>Perlis</b>	<b>17.1</b>	20.9	13.6
<b>Pulau Pinang</b>	<b>15.9</b>	20.9	10.9
<b>Sabah</b>	<b>14.7</b>	19.5	9.4
<b>Sarawak</b>	<b>15.5</b>	20.6	10.2
<b>Selangor</b>	<b>9.8</b>	12.7	6.4
<b>Terengganu</b>	<b>19.5</b>	28.7	9.8
<b>W.P. Kuala Lumpur</b>	<b>9.7</b>	12.6	6.3
<b>W.P. Labuan</b>	<b>11.2</b>	4.3	18.5
<b>W.P. Putrajaya</b>	<b>3.6</b>	3.8	3.4

**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, 2023**

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2023

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Malaysia</b>	<b>130.5</b>	<b>180.0</b>	<b>76.6</b>
<b>Johor</b>	<b>149.5</b>	<b>199.0</b>	<b>93.2</b>
Batu Pahat	159.7	201.4	114.0
Johor Bahru	122.7	167.9	71.6
Kluang	182.4	231.8	121.9
Kota Tinggi	206.5	255.2	151.5
Mersing	176.5	234.0	110.7
Muar	148.7	198.1	89.1
Pontian	202.3	283.2	109.7
Segamat	173.0	237.2	104.2
Kulai	128.9	180.1	69.3
Tangkak	194.1	253.8	129.5
<b>Kedah</b>	<b>229.0</b>	<b>325.8</b>	<b>134.5</b>
Baling	299.4	419.6	179.4
Bandar Baharu	283.0	407.4	157.7
Kota Setar	223.5	331.4	123.8
Kuala Muda	212.2	301.8	123.0
Kubang Pasu	221.9	336.2	118.6
Kulim	197.2	295.3	99.4
Langkawi	269.9	330.4	207.6
Padang Terap	243.3	281.1	204.9
Sik	306.4	418.4	195.9
Yan	169.9	229.1	113.2
Pendang	293.5	417.5	171.7
Pokok Sena	238.9	278.6	190.6
<b>Kelantan<sup>1</sup></b>	<b>183.5</b>	<b>246.7</b>	<b>121.1</b>
Bachok	228.1	339.1	121.5
Kota Bharu	152.2	209.0	96.6
Machang	226.7	288.0	166.4
Pasir Mas	181.7	258.1	107.4
Pasir Puteh	288.8	394.2	187.5
Tanah Merah	164.0	205.2	122.7
Tumpat	225.3	317.1	141.6
Gua Musang	110.2	133.0	82.8
Kuala Krai	142.8	179.4	106.6
Jeli	210.2	205.6	215.1
Kecil Lojing	171.1	158.1	186.3

**Nota/ Note:** <sup>1</sup> Jajahan

**Jadual 13.5: Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Melaka</b>	<b>132.7</b>	<b>175.5</b>	<b>84.1</b>
Alor Gajah	135.2	171.3	96.7
Jasin	162.2	207.4	109.7
Melaka Tengah	124.5	169.4	72.4
<b>Negeri Sembilan</b>	<b>151.3</b>	<b>210.3</b>	<b>87.8</b>
Jelebu	188.0	240.5	124.6
Kuala Pilah	193.7	297.1	81.9
Port Dickson	161.3	230.6	84.3
Rembau	207.3	301.5	108.6
Seremban	120.5	172.7	65.5
Tampin	233.4	264.7	196.3
Jempol	198.6	264.7	127.4
<b>Pahang</b>	<b>138.2</b>	<b>183.8</b>	<b>86.0</b>
Bentong	105.6	135.4	63.7
Cameron Highlands	63.4	105.3	-
Jerantut	125.5	187.3	54.1
Kuantan	90.9	122.1	57.2
Lipis	119.6	160.7	70.6
Pekan	140.2	184.7	88.5
Raub	222.7	291.9	140.2
Temerloh	199.4	264.6	131.9
Rompin	177.4	224.7	121.3
Maran	237.0	323.5	140.0
Bera	176.5	219.4	126.2
<b>Perak</b>	<b>179.9</b>	<b>254.8</b>	<b>99.5</b>
Batang Padang	174.5	246.2	93.2
Manjung	174.3	251.1	87.5
Kinta	136.8	198.4	71.6
Kerian	182.6	271.9	89.7
Kuala Kangsar	189.4	242.3	135.7
Larut & Matang	240.6	330.9	146.4
Hilir Perak	222.2	305.9	129.1
Hulu Perak	269.1	362.3	167.4
Perak Tengah	219.5	351.8	78.3
Kampar	213.4	333.8	91.4
Muallim	187.1	232.3	139.8
Bagan Datuk	125.9	168.3	71.0
Selama	424.3	594.0	248.6



**Jadual 13.5: Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Perlis</b>	<b>149.4</b>	<b>214.9</b>	<b>87.7</b>
<b>Pulau Pinang</b>	<b>133.9</b>	<b>197.2</b>	<b>69.6</b>
Seberang Perai Tengah	117.7	170.1	60.1
Seberang Perai Utara	175.7	265.2	86.7
Seberang Perai Selatan	141.3	197.9	84.6
Timur Laut	113.9	166.0	62.2
Barat Daya	146.8	228.3	67.5
<b>Sabah</b>	<b>81.5</b>	<b>113.4</b>	<b>46.8</b>
Tawau	51.7	60.3	42.0
Lahad Datu	66.8	93.3	35.7
Semporna	63.2	84.1	40.7
Sandakan	89.8	126.8	49.6
Kinabatangan	17.3	21.2	12.1
Beluran	76.7	97.0	53.0
Kota Kinabalu	61.9	93.7	28.5
Ranau	120.7	183.0	58.8
Kota Belud	95.1	140.2	51.9
Tuaran	151.5	219.7	84.7
Penampang	85.9	110.6	58.4
Papar	116.6	153.9	73.8
Kudat	85.7	139.1	32.2
Kota Marudu	136.7	168.2	105.2
Pitas	187.9	314.8	53.4
Beaufort	148.2	251.6	36.0
Kuala Penyu	153.0	223.2	82.1
Sipitang	87.7	108.4	65.3
Tenom	146.7	150.9	142.4
Nabawan	76.0	148.2	-
Keningau	92.5	139.4	45.0
Tambunan	111.4	179.1	46.7
Kunak	67.8	79.7	53.2
Tongod	51.6	85.6	12.4
Putatan	104.1	132.6	75.1
Telupid	40.5	74.3	-
Kalabakan	4.9	-	11.2

**Jadual 13.5: Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Sarawak</b>	<b>85.1</b>	<b>115.2</b>	<b>53.1</b>
Kuching	69.9	110.0	30.4
Bau	76.2	117.6	31.6
Lundu	67.3	113.7	13.2
Samarahan	38.2	40.2	36.3
Serian	123.2	187.3	56.8
Simunjan	113.1	140.1	83.4
Sri Aman	83.0	115.9	48.0
Lubok Antu	93.7	106.9	79.8
Betong	96.9	111.8	80.1
Saratok	148.0	171.8	124.2
Sarikei	157.9	221.6	97.0
Maradong	82.1	104.4	60.5
Daro	65.0	39.6	95.8
Julau	53.0	26.7	79.0
Sibu	95.2	144.1	45.2
Dalat	147.8	133.9	162.6
Mukah	95.2	111.3	76.3
Kanowit	125.9	185.9	66.7
Bintulu	42.7	61.8	19.5
Tatau	68.2	67.3	69.3
Kapit	158.8	199.8	117.7
Song	104.0	88.7	117.5
Belaga	60.8	57.7	65.4
Miri	75.8	99.4	50.8
Marudi	144.0	186.3	95.3
Limbang	195.9	258.2	130.6
Lawas	117.3	159.0	72.8
Matu	73.3	111.2	27.1
Asajaya	109.9	89.7	130.4
Pakan	95.3	105.8	84.1
Selangau	85.7	107.1	61.2
Tebedu	70.6	60.1	82.2
Pusa	162.2	282.4	45.7
Kabong	147.9	148.7	147.0
Tanjung Manis	76.0	142.0	-
Sebauh	40.0	39.2	40.9
Bukit Mabong	166.1	177.8	146.8
Subis	99.7	111.0	85.4
Beluru	112.7	143.3	73.4
Telang Usan	45.6	63.4	24.8

**Jadual 13.5: Kadar kematian pramatang yang berpunca daripada Cardiovascular diseases mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.5: Premature mortality rate attributed to Cardiovascular diseases by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Selangor</b>	<b>98.4</b>	<b>140.5</b>	<b>51.2</b>
Gombak	84.3	118.0	48.1
Klang	119.5	169.1	60.7
Kuala Langat	145.4	204.7	80.8
Kuala Selangor	121.3	187.3	53.4
Petaling	75.3	110.2	36.4
Sabak Bernam	223.1	326.5	112.5
Sepang	90.0	123.3	51.4
Ulu Langat	93.8	127.8	55.6
Ulu Selangor	177.6	272.2	70.3
<b>Terengganu</b>	<b>201.6</b>	<b>263.4</b>	<b>136.7</b>
Besut	185.0	240.1	128.8
Dungun	157.8	189.2	124.0
Kemaman	174.6	233.4	107.5
Kuala Terengganu	273.7	396.8	151.9
Marang	223.8	302.7	144.4
Hulu Terengganu	256.4	290.3	217.9
Setiu	215.2	255.0	173.9
Kuala Nerus	140.0	163.2	116.6
<b>W.P. Kuala Lumpur</b>	<b>99.0</b>	<b>136.5</b>	<b>55.1</b>
<b>W.P. Labuan</b>	<b>80.4</b>	<b>112.3</b>	<b>46.2</b>
<b>W.P. Putrajaya</b>	<b>89.6</b>	<b>140.3</b>	<b>44.2</b>

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, 2023**

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2023

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Malaysia</b>	<b>66.0</b>	<b>61.1</b>	<b>71.2</b>
<b>Johor</b>	<b>67.2</b>	<b>60.4</b>	<b>74.9</b>
Batu Pahat	70.4	69.2	71.7
Johor Bahru	58.9	52.0	66.7
Kluang	90.6	72.1	113.2
Kota Tinggi	85.3	69.6	103.0
Mersing	67.9	81.4	52.4
Muar	63.2	59.1	68.3
Pontian	91.4	100.5	81.0
Segamat	75.4	64.2	87.5
Kulai	56.7	49.3	65.3
Tangkak	63.5	50.3	77.7
<b>Kedah</b>	<b>77.4</b>	<b>74.0</b>	<b>80.8</b>
Baling	99.8	113.2	86.4
Bandar Baharu	125.8	125.4	126.2
Kota Setar	90.6	93.0	88.4
Kuala Muda	85.1	73.4	96.8
Kubang Pasu	63.3	77.6	50.3
Kulim	51.8	32.8	70.7
Langkawi	65.7	95.8	34.6
Padang Terap	76.3	100.9	51.2
Sik	98.6	63.8	133.0
Yan	57.7	45.8	69.1
Pendang	79.4	77.7	81.1
Pokok Sena	57.3	34.8	84.7
<b>Kelantan<sup>1</sup></b>	<b>65.8</b>	<b>59.3</b>	<b>72.2</b>
Bachok	96.1	83.1	108.7
Kota Bharu	58.1	46.3	69.6
Machang	83.8	94.3	73.4
Pasir Mas	54.4	46.3	62.3
Pasir Puteh	127.5	101.6	152.3
Tanah Merah	48.0	49.6	46.4
Tumpat	77.0	85.4	69.4
Gua Musang	27.6	27.5	27.6
Kuala Krai	49.1	44.9	53.3
Jeli	52.6	74.8	29.3
Kecil Lojing	57.0	-	124.2

**Nota/ Note:** <sup>1</sup> Jajahan

**Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Melaka</b>	<b>71.0</b>	<b>69.3</b>	<b>72.9</b>
Alor Gajah	65.5	75.8	54.5
Jasin	105.8	97.1	115.8
Melaka Tengah	64.7	59.9	70.2
<b>Negeri Sembilan</b>	<b>75.3</b>	<b>68.1</b>	<b>83.1</b>
Jelebu	98.7	128.8	62.3
Kuala Pilah	115.0	122.3	107.1
Port Dickson	101.4	72.7	133.4
Rembau	115.7	103.7	128.3
Seremban	62.6	56.4	69.2
Tampin	80.2	86.8	72.3
Jempol	72.7	49.8	97.2
<b>Pahang</b>	<b>58.2</b>	<b>55.3</b>	<b>61.6</b>
Bentong	54.6	45.1	67.9
Cameron Highlands	52.8	43.9	66.3
Jerantut	68.5	76.6	59.0
Kuantan	48.9	47.1	50.9
Lipis	57.5	42.3	75.6
Pekan	35.1	39.8	29.5
Raub	70.6	81.1	58.0
Temerloh	94.0	79.9	108.6
Rompin	46.6	36.8	58.2
Maran	57.7	42.9	74.4
Bera	73.7	95.2	48.5
<b>Perak</b>	<b>81.8</b>	<b>80.4</b>	<b>83.2</b>
Batang Padang	75.1	95.2	52.2
Manjung	79.5	57.9	103.9
Kinta	82.6	81.2	84.1
Kerian	64.7	63.5	66.0
Kuala Kangsar	68.6	73.2	64.0
Larut & Matang	101.2	111.3	90.7
Hilir Perak	98.4	99.1	97.6
Hulu Perak	84.9	69.7	101.4
Perak Tengah	98.4	97.7	99.1
Kampar	97.6	103.8	91.4
Muallim	43.2	49.3	36.8
Bagan Datuk	40.4	33.7	49.1
Selama	102.9	75.8	130.8

**Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Perlis</b>	<b>72.4</b>	<b>51.3</b>	<b>92.2</b>
<b>Pulau Pinang</b>	<b>68.2</b>	<b>65.2</b>	<b>71.1</b>
Seberang Perai Tengah	55.5	50.3	61.1
Seberang Perai Utara	63.2	53.5	72.8
Seberang Perai Selatan	77.4	63.9	90.8
Timur Laut	76.9	81.0	72.9
Barat Daya	69.3	72.8	65.9
<b>Sabah</b>	<b>64.2</b>	<b>57.2</b>	<b>71.7</b>
Tawau	38.4	31.9	45.8
Lahad Datu	49.3	45.7	53.5
Semporna	57.6	32.6	84.4
Sandakan	49.0	47.5	50.7
Kinabatangan	19.0	12.1	28.1
Beluran	27.6	34.3	19.9
Kota Kinabalu	59.2	53.4	65.3
Ranau	100.1	88.5	111.7
Kota Belud	88.4	67.9	108.1
Tuaran	99.8	97.2	102.3
Penampang	77.6	65.8	90.6
Papar	96.1	89.8	103.3
Kudat	77.7	85.6	69.8
Kota Marudu	45.6	35.0	56.1
Pitas	116.6	125.9	106.8
Beaufort	131.0	106.0	158.2
Kuala Penyu	112.2	101.5	123.1
Sipitang	119.0	96.4	143.6
Tenom	118.3	150.9	85.4
Nabawan	101.3	115.3	86.7
Keningau	81.4	88.7	73.9
Tambunan	175.1	162.8	186.9
Kunak	71.2	36.8	114.0
Tongod	40.1	32.1	49.4
Putatan	78.1	66.3	90.1
Telupid	8.1	14.9	-
Kalabakan	29.3	17.2	44.9

**Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Sarawak</b>	<b>78.6</b>	<b>81.5</b>	<b>75.5</b>
Kuching	74.6	77.2	72.1
Bau	72.4	58.8	87.0
Lundu	67.3	56.8	79.5
Samarahan	32.8	29.2	36.3
Serian	118.6	164.5	71.0
Simunjan	96.2	86.2	107.2
Sri Aman	59.8	70.8	48.0
Lubok Antu	70.2	61.1	79.8
Betong	80.7	50.8	114.5
Saratok	70.1	31.2	108.7
Sarikei	81.2	73.9	88.2
Maradong	102.6	104.4	100.9
Daro	21.7	39.6	-
Julau	92.8	133.5	52.6
Sibu	104.7	122.0	87.2
Dalat	59.1	76.5	40.7
Mukah	60.1	55.6	65.4
Kanowit	176.2	185.9	166.8
Bintulu	49.3	49.8	48.7
Tatau	49.6	67.3	27.7
Kapit	88.2	94.0	82.4
Song	145.6	133.0	156.6
Belaga	69.5	28.9	130.8
Miri	69.6	67.8	71.5
Marudi	121.8	207.0	23.8
Limbang	109.3	80.1	139.9
Lawas	129.0	113.6	145.6
Matu	97.7	155.7	27.1
Asajaya	109.9	115.4	104.4
Pakan	54.4	52.9	56.1
Selangau	85.7	107.1	61.2
Tebedu	133.4	120.1	148.0
Pusa	104.3	141.2	68.5
Kabong	116.2	127.5	105.0
Tanjung Manis	101.4	94.7	109.2
Sebauh	34.2	29.4	40.9
Bukit Mabong	110.7	148.1	48.9
Subis	65.3	49.3	85.4
Beluru	88.5	86.0	91.8
Telang Usan	79.8	105.7	49.5

**Jadual 13.6: Kadar kematian pramatang yang berpunca daripada Cancer mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.6: Premature mortality rate attributed to Cancer by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Selangor</b>	<b>53.2</b>	<b>47.4</b>	<b>59.7</b>
Gombak	49.9	52.4	47.3
Klang	58.7	49.9	69.1
Kuala Langat	59.7	42.6	78.2
Kuala Selangor	58.9	56.1	61.8
Petaling	44.9	39.4	51.0
Sabak Bernam	103.1	101.6	104.8
Sepang	44.1	37.8	51.4
Ulu Langat	57.6	51.7	64.2
Ulu Selangor	70.7	52.9	90.9
<b>Terengganu</b>	<b>70.9</b>	<b>64.1</b>	<b>78.0</b>
Besut	70.0	89.3	50.3
Dungun	55.1	51.6	58.9
Kemaman	41.2	35.8	47.3
Kuala Terengganu	106.1	83.7	128.3
Marang	66.2	50.4	82.0
Hulu Terengganu	83.4	75.5	92.4
Setiu	85.3	71.7	99.4
Kuala Nerus	70.8	70.4	71.2
<b>W.P. Kuala Lumpur</b>	<b>62.3</b>	<b>57.4</b>	<b>68.2</b>
<b>W.P. Labuan</b>	<b>42.4</b>	<b>34.5</b>	<b>50.9</b>
<b>W.P. Putrajaya</b>	<b>66.3</b>	<b>41.7</b>	<b>88.4</b>

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, 2023**

Table 13.7: *Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2023*

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Malaysia</b>	<b>6.3</b>	<b>6.6</b>	<b>6.0</b>
<b>Johor</b>	<b>5.2</b>	<b>5.9</b>	<b>4.4</b>
Batu Pahat	4.9	3.1	6.9
Johor Bahru	3.0	4.5	1.3
Kluang	13.0	16.6	8.7
Kota Tinggi	5.7	5.4	6.1
Mersing	5.4	5.1	5.8
Muar	5.4	7.4	3.0
Pontian	15.8	13.7	18.3
Segamat	4.0	5.8	2.1
Kulai	4.3	2.3	6.7
Tangkak	3.7	4.8	2.6
<b>Kedah</b>	<b>21.4</b>	<b>22.3</b>	<b>20.5</b>
Baling	23.3	23.3	23.3
Bandar Baharu	62.9	62.7	63.1
Kota Setar	15.9	16.6	15.3
Kuala Muda	22.2	21.4	23.0
Kubang Pasu	26.4	29.8	23.4
Kulim	12.4	19.7	5.2
Langkawi	12.2	9.6	14.8
Padang Terap	25.4	21.6	29.3
Sik	28.2	28.4	28.0
Yan	22.4	32.7	12.6
Pendang	31.3	14.6	47.7
Pokok Sena	33.4	34.8	31.8
<b>Kelantan<sup>1</sup></b>	<b>9.2</b>	<b>8.5</b>	<b>9.8</b>
Bachok	27.7	29.9	25.6
Kota Bharu	3.5	3.6	3.5
Machang	22.2	19.9	24.5
Pasir Mas	8.7	6.6	10.7
Pasir Puteh	4.0	8.1	-
Tanah Merah	9.9	3.3	16.6
Tumpat	17.4	18.3	16.7
Gua Musang	-	-	-
Kuala Krai	4.5	-	8.9
Jeli	4.8	9.3	-
Kecil Lojing	-	-	-

**Nota/ Note:** <sup>1</sup> Jajahan

**Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.7: *Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2023 (cont'd)*

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Melaka</b>	<b>2.5</b>	<b>3.1</b>	<b>1.8</b>
Alor Gajah	4.3	6.6	1.8
Jasin	2.8	2.6	3.0
Melaka Tengah	1.7	1.9	1.5
<b>Negeri Sembilan</b>	<b>7.7</b>	<b>8.4</b>	<b>6.9</b>
Jelebu	42.3	68.7	10.4
Kuala Pilah	6.1	-	12.6
Port Dickson	11.6	9.5	14.0
Rembau	19.3	28.3	9.9
Seremban	3.6	2.3	4.9
Tampin	16.5	21.7	10.3
Jempol	4.8	6.2	3.4
<b>Pahang</b>	<b>6.2</b>	<b>5.1</b>	<b>7.6</b>
Bentong	3.5	3.0	4.2
Cameron Highlands	-	-	-
Jerantut	9.1	8.5	9.8
Kuantan	0.8	0.7	0.8
Lipis	-	-	-
Pekan	-	-	-
Raub	6.6	4.1	9.7
Temerloh	26.7	22.5	31.0
Rompin	11.1	8.2	14.6
Maran	2.1	3.9	-
Bera	17.9	12.4	24.3
<b>Perak</b>	<b>8.1</b>	<b>8.2</b>	<b>8.1</b>
Batang Padang	5.2	3.3	7.5
Manjung	6.0	4.8	7.3
Kinta	3.6	3.9	3.3
Kerian	7.8	12.7	2.6
Kuala Kangsar	6.4	2.5	10.2
Larut & Matang	17.1	19.8	14.3
Hilir Perak	23.9	19.8	28.3
Hulu Perak	12.1	9.3	15.2
Perak Tengah	2.5	4.9	-
Kampar	2.3	-	4.6
Muallim	3.6	-	7.4
Bagan Datuk	7.1	12.6	-
Selama	64.3	63.2	65.4

**Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.7: *Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2023 (cont'd)*

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Perlis</b>	<b>7.8</b>	<b>6.4</b>	<b>9.1</b>
<b>Pulau Pinang</b>	<b>9.3</b>	<b>12.2</b>	<b>6.4</b>
Seberang Perai Tengah	9.5	12.2	6.7
Seberang Perai Utara	16.8	26.7	6.9
Seberang Perai Selatan	14.4	14.4	14.5
Timur Laut	4.0	4.7	3.3
Barat Daya	7.3	8.3	6.4
<b>Sabah</b>	<b>3.2</b>	<b>4.2</b>	<b>2.1</b>
Tawau	0.6	-	1.3
Lahad Datu	1.0	-	2.2
Semporna	1.4	-	2.9
Sandakan	4.1	5.0	3.2
Kinabatangan	-	-	-
Beluran	-	-	-
Kota Kinabalu	2.2	3.5	0.9
Ranau	-	-	-
Kota Belud	2.2	-	4.3
Tuaran	7.1	10.8	3.5
Penampang	1.4	2.6	-
Papar	8.6	12.8	3.7
Kudat	-	-	-
Kota Marudu	10.5	14.0	7.0
Pitas	-	-	-
Beaufort	10.3	19.9	-
Kuala Penyu	20.4	40.6	-
Sipitang	12.5	12.0	13.1
Tenom	-	-	-
Nabawan	8.4	16.5	-
Keningau	3.2	6.3	-
Tambunan	15.9	16.3	15.6
Kunak	13.6	12.3	15.2
Tongod	-	-	-
Putatan	3.7	7.4	-
Telupid	-	-	-
Kalabakan	-	-	-

**Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.7: *Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2023 (cont'd)*

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Sarawak</b>	<b>3.7</b>	<b>3.7</b>	<b>3.7</b>
Kuching	4.7	4.7	4.6
Bau	3.8	7.4	-
Lundu	-	-	-
Samarahan	1.8	-	3.6
Serian	9.3	13.7	4.7
Simunjan	-	-	-
Sri Aman	-	-	-
Lubok Antu	-	-	-
Betong	5.4	10.2	-
Saratok	7.8	-	15.5
Sarikei	9.0	-	17.6
Maradong	-	-	-
Daro	-	-	-
Julau	-	-	-
Sibu	3.2	4.8	1.6
Dalat	9.9	19.1	-
Mukah	5.0	9.3	-
Kanowit	-	-	-
Bintulu	-	-	-
Tatau	6.2	-	13.9
Kapit	11.8	-	23.5
Song	-	-	-
Belaga	-	-	-
Miri	0.8	1.5	-
Marudi	-	-	-
Limbang	22.8	26.7	18.7
Lawas	11.7	11.4	12.1
Matu	-	-	-
Asajaya	-	-	-
Pakan	-	-	-
Selangau	-	-	-
Tebedu	7.8	-	16.4
Pusa	34.8	23.5	45.7
Kabong	-	-	-
Tanjung Manis	-	-	-
Sebauh	-	-	-
Bukit Mabong	-	-	-
Subis	-	-	-
Beluru	-	-	-
Telang Usan	-	-	-

**Jadual 13.7: Kadar kematian pramatang yang berpunca daripada *Diabetes* mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.7: *Premature mortality rate attributed to Diabetes by administrative district and sex, Malaysia, 2023 (cont'd)*

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Selangor</b>	<b>1.9</b>	<b>1.9</b>	<b>1.9</b>
Gombak	1.8	1.6	2.1
Klang	3.6	2.9	4.6
Kuala Langat	4.4	3.7	5.3
Kuala Selangor	6.2	6.8	5.6
Petaling	0.5	0.6	0.4
Sabak Bernam	5.6	7.3	3.9
Sepang	1.2	1.1	1.3
Ulu Langat	1.4	1.8	0.9
Ulu Selangor	1.6	1.5	1.7
<b>Terengganu</b>	<b>18.5</b>	<b>17.5</b>	<b>19.6</b>
Besut	3.1	6.2	-
Dungun	14.9	8.6	21.7
Kemaman	13.0	13.2	12.9
Kuala Terengganu	34.7	37.9	31.6
Marang	31.1	27.2	35.1
Hulu Terengganu	24.7	17.4	33.0
Setiu	12.2	8.0	16.6
Kuala Nerus	9.7	9.6	9.7
<b>W.P. Kuala Lumpur</b>	<b>6.4</b>	<b>7.4</b>	<b>5.2</b>
<b>W.P. Labuan</b>	-	-	-
<b>W.P. Putrajaya</b>	<b>5.4</b>	<b>7.6</b>	<b>3.4</b>

**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, 2023**

Table 13.8: Premature mortality rate attributed to *Chronic respiratory diseases* by administrative district and sex, Malaysia, 2023

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Malaysia</b>	<b>15.8</b>	<b>20.1</b>	<b>11.2</b>
<b>Johor</b>	<b>16.4</b>	<b>20.4</b>	<b>11.8</b>
Batu Pahat	15.6	18.9	12.1
Johor Bahru	13.3	17.0	9.1
Kluang	22.8	27.2	17.4
Kota Tinggi	23.7	25.0	22.2
Mersing	24.4	30.5	17.5
Muar	9.4	11.1	7.4
Pontian	26.8	38.8	13.1
Segamat	23.1	36.9	8.3
Kulai	12.9	12.6	13.3
Tangkak	23.6	28.7	18.1
<b>Kedah</b>	<b>28.7</b>	<b>35.7</b>	<b>21.8</b>
Baling	26.6	36.6	16.6
Bandar Baharu	36.7	41.8	31.5
Kota Setar	26.9	31.9	22.4
Kuala Muda	26.3	29.7	23.0
Kubang Pasu	28.3	33.8	23.4
Kulim	32.1	39.4	24.9
Langkawi	24.3	33.5	14.8
Padang Terap	43.6	64.9	22.0
Sik	38.7	49.6	28.0
Yan	32.1	52.4	12.6
Pendang	26.5	48.5	4.8
Pokok Sena	19.1	8.7	31.8
<b>Kelantan<sup>1</sup></b>	<b>15.5</b>	<b>18.7</b>	<b>12.3</b>
Bachok	24.4	19.9	28.8
Kota Bharu	9.2	8.9	9.6
Machang	22.2	29.8	14.7
Pasir Mas	18.5	28.7	8.6
Pasir Puteh	25.9	36.6	15.6
Tanah Merah	14.9	13.2	16.6
Tumpat	21.8	33.5	11.1
Gua Musang	2.5	-	5.5
Kuala Krai	20.1	26.9	13.3
Jeli	-	-	-
Kecil Lojing	28.5	52.7	-

**Nota/ Note:** <sup>1</sup> Jajahan

**Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.8: Premature mortality rate attributed to *Chronic respiratory diseases* by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Melaka</b>	<b>13.4</b>	<b>18.5</b>	<b>7.6</b>
Alor Gajah	16.2	24.7	7.0
Jasin	18.3	21.0	15.2
Melaka Tengah	11.1	15.5	6.0
<b>Negeri Sembilan</b>	<b>21.9</b>	<b>27.2</b>	<b>16.3</b>
Jelebu	14.1	17.2	10.4
Kuala Pilah	21.2	40.8	-
Port Dickson	29.9	31.6	28.1
Rembau	38.6	47.1	29.6
Seremban	18.2	22.1	14.1
Tampin	25.9	30.4	20.7
Jempol	29.1	37.4	20.1
<b>Pahang</b>	<b>20.4</b>	<b>23.8</b>	<b>16.6</b>
Bentong	29.9	42.1	12.7
Cameron Highlands	5.3	8.8	-
Jerantut	20.5	17.0	24.6
Kuantan	14.1	16.9	11.1
Lipis	32.2	25.4	40.3
Pekan	31.2	32.6	29.5
Raub	26.5	32.4	19.3
Temerloh	12.7	17.5	7.8
Rompin	31.0	40.8	19.4
Maran	18.5	19.5	17.5
Bera	26.8	29.0	24.3
<b>Perak</b>	<b>25.6</b>	<b>31.8</b>	<b>19.0</b>
Batang Padang	41.9	39.4	44.7
Manjung	20.5	17.7	23.7
Kinta	21.9	28.5	14.9
Kerian	29.8	40.7	18.5
Kuala Kangsar	38.1	48.0	28.2
Larut & Matang	26.5	38.1	14.3
Hilir Perak	20.9	19.8	22.0
Hulu Perak	36.4	46.4	25.4
Perak Tengah	40.4	58.6	20.9
Kampar	25.0	31.6	18.3
Muallim	25.2	42.2	7.4
Bagan Datuk	9.5	12.6	5.5
Selama	19.3	12.6	26.2

**Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.8: Premature mortality rate attributed to *Chronic respiratory diseases* by administrative district and sex, Malaysia, 2023 (cont'd)

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Perlis</b>	<b>17.1</b>	<b>20.9</b>	<b>13.6</b>
<b>Pulau Pinang</b>	<b>15.9</b>	<b>20.9</b>	<b>10.9</b>
Seberang Perai Tengah	20.9	28.6	12.4
Seberang Perai Utara	18.0	23.3	12.7
Seberang Perai Selatan	17.5	24.7	10.3
Timur Laut	10.8	14.2	7.4
Barat Daya	15.5	16.5	14.5
<b>Sabah</b>	<b>14.7</b>	<b>19.5</b>	<b>9.4</b>
Tawau	8.4	13.7	2.5
Lahad Datu	13.4	13.3	13.4
Semporna	7.0	8.1	5.8
Sandakan	10.3	14.9	5.4
Kinabatangan	1.7	3.0	-
Beluran	9.2	17.1	-
Kota Kinabalu	13.9	19.3	8.3
Ranau	17.7	23.6	11.8
Kota Belud	30.9	31.7	30.3
Tuaran	26.7	39.6	14.1
Penampang	2.8	2.6	2.9
Papar	15.4	16.0	14.8
Kudat	24.1	26.8	21.5
Kota Marudu	42.1	56.1	28.1
Pitas	19.4	25.2	13.3
Beaufort	27.6	46.4	7.2
Kuala Penyu	30.6	-	61.6
Sipitang	25.1	36.1	13.1
Tenom	47.3	56.6	38.0
Nabawan	42.2	82.4	-
Keningau	17.6	25.3	9.6
Tambunan	23.9	32.6	15.6
Kunak	13.6	24.5	-
Tongod	11.5	21.4	-
Putatan	14.9	14.7	15.0
Telupid	-	-	-
Kalabakan	14.6	25.9	-



**Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.8: *Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2023 (cont'd)*

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Sarawak</b>	<b>15.5</b>	<b>20.6</b>	<b>10.2</b>
Kuching	12.3	19.5	5.3
Bau	11.4	22.1	-
Lundu	12.2	22.7	-
Samarahan	5.5	7.3	3.6
Serian	20.9	32.0	9.5
Simunjan	17.0	32.3	-
Sri Aman	6.6	12.9	-
Lubok Antu	46.8	91.6	-
Betong	26.9	20.3	34.3
Saratok	31.1	31.2	31.1
Sarikei	45.1	36.9	52.9
Maradong	41.0	62.6	20.2
Daro	10.8	19.8	-
Julau	26.5	53.4	-
Sibu	15.2	19.0	11.3
Dalat	9.9	19.1	-
Mukah	35.1	46.4	21.8
Kanowit	50.4	33.8	66.7
Bintulu	7.7	10.0	4.9
Tatau	-	-	-
Kapit	29.4	35.3	23.5
Song	-	-	-
Belaga	17.4	28.9	-
Miri	12.4	10.5	14.3
Marudi	22.1	-	47.6
Limbang	41.0	44.5	37.3
Lawas	23.5	22.7	24.3
Matu	-	-	-
Asajaya	6.5	12.8	-
Pakan	27.2	52.9	-
Selangau	19.0	35.7	-
Tebedu	7.8	15.0	-
Pusa	23.2	47.1	-
Kabong	10.6	21.2	-
Tanjung Manis	-	-	-
Sebauh	22.8	19.6	27.3
Bukit Mabong	18.5	29.6	-
Subis	13.7	18.5	7.8
Beluru	8.0	14.3	-
Telang Usan	11.4	21.1	-

**Jadual 13.8: Kadar kematian pramatang yang berpunca daripada *Chronic respiratory diseases* mengikut daerah pentadbiran dan jantina, Malaysia, 2023 (samb.)**

Table 13.8: *Premature mortality rate attributed to Chronic respiratory diseases by administrative district and sex, Malaysia, 2023 (cont'd)*

<b>Negeri dan daerah pentadbiran</b> <i>State and administrative district</i>	<b>Kadar</b> <i>Rate</i>	<b>Lelaki</b> <i>Male</i>	<b>Perempuan</b> <i>Female</i>
<b>Selangor</b>	<b>9.8</b>	<b>12.7</b>	<b>6.4</b>
Gombak	11.5	15.9	6.8
Klang	12.3	15.4	8.7
Kuala Langat	10.8	15.8	5.3
Kuala Selangor	14.6	17.8	11.2
Petaling	6.4	8.4	4.2
Sabak Bernam	33.7	39.9	27.2
Sepang	6.6	8.9	3.9
Ulu Langat	8.0	11.8	3.7
Ulu Selangor	20.9	19.7	22.3
<b>Terengganu</b>	<b>19.5</b>	<b>28.7</b>	<b>9.8</b>
Besut	15.5	24.6	6.3
Dungun	10.4	11.5	9.3
Kemaman	16.1	24.5	6.5
Kuala Terengganu	26.8	39.9	13.8
Marang	17.5	27.2	7.8
Hulu Terengganu	27.8	40.6	13.2
Setiu	32.5	47.8	16.6
Kuala Nerus	19.3	28.8	9.7
<b>W.P. Kuala Lumpur</b>	<b>9.7</b>	<b>12.6</b>	<b>6.3</b>
<b>W.P. Labuan</b>	<b>11.2</b>	<b>4.3</b>	<b>18.5</b>
<b>W.P. Putrajaya</b>	<b>3.6</b>	<b>3.8</b>	<b>3.4</b>

**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, 2023**

Table 13.9: Suicide deaths (number and rate) by state of occurrence and sex, Malaysia, 2023

	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>
<b>MALAYSIA</b>	<b>1,068</b>	<b>867</b>	<b>201</b>	<b>3.2</b>	<b>5.0</b>	<b>1.3</b>
Johor	123	102	21	3.0	4.7	1.1
Kedah	44	37	7	2.0	3.3	0.7
Kelantan	21	17	4	1.1	1.8	0.4
Melaka	23	17	6	2.2	3.1	1.2
Negeri Sembilan	57	50	7	4.7	7.9	1.2
Pahang	40	32	8	2.4	3.7	1.0
Perak	98	75	23	3.9	5.7	1.9
Perlis	6	6	-	2.0	4.1	-
Pulau Pinang	123	99	24	6.9	10.9	2.8
Sabah	33	28	5	0.9	1.5	0.3
Sarawak	45	38	7	1.8	2.9	0.6
Selangor	305	254	51	4.2	6.6	1.5
Terengganu	13	10	3	1.1	1.6	0.5
W.P. Kuala Lumpur	135	101	34	6.7	9.4	3.6
W.P. Labuan	2	1	1	2.0	2.0	2.1
W.P. Putrajaya	-	-	-	-	-	-

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, 2023**

Table 13.10: Suicide deaths by citizenship, state of occurrence and sex, Malaysia, 2023

	Warganegara Citizens			Bukan warganegara Non-citizens		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
<b>MALAYSIA</b>	<b>771</b>	<b>602</b>	<b>169</b>	<b>297</b>	<b>265</b>	<b>32</b>
Johor	85	66	19	38	36	2
Kedah	40	33	7	4	4	-
Kelantan	16	13	3	5	4	1
Melaka	15	11	4	8	6	2
Negeri Sembilan	44	37	7	13	13	-
Pahang	26	19	7	14	13	1
Perak	84	63	21	14	12	2
Perlis	5	5	-	1	1	-
Pulau Pinang	96	73	23	27	26	1
Sabah	28	26	2	5	2	3
Sarawak	36	29	7	9	9	-
Selangor	190	152	38	115	102	13
Terengganu	11	8	3	2	2	-
W.P. Kuala Lumpur	93	66	27	42	35	7
W.P. Labuan	2	1	1	-	-	-
W.P. Putrajaya	-	-	-	-	-	-

**Jadual 13.11: Kadar kematian Bunuh diri mengikut kewarganegaraan, negeri kejadian dan jantina, Malaysia, 2023**

Table 13.11: Suicide mortality rate by citizenship, state of occurrence and sex, Malaysia, 2023

	Warganegara Citizens			Bukan warganegara Non-citizens		
	Jumlah Total	Lelaki Male	Perempuan Female	Jumlah Total	Lelaki Male	Perempuan Female
<b>MALAYSIA</b>	<b>2.5</b>	<b>3.9</b>	<b>1.1</b>	<b>10.0</b>	<b>12.9</b>	<b>3.5</b>
Johor	2.3	3.4	1.0	11.2	13.1	3.1
Kedah	1.9	3.2	0.7	4.0	5.6	-
Kelantan	0.9	1.4	0.3	12.4	15.3	7.0
Melaka	1.6	2.3	0.9	10.0	9.7	11.1
Negeri Sembilan	3.8	6.3	1.2	19.4	26.5	-
Pahang	1.7	2.4	0.9	15.6	16.3	10.0
Perak	3.5	5.2	1.8	10.0	9.9	10.1
Perlis	1.8	3.5	-	10.2	21.9	-
Pulau Pinang	5.9	8.9	2.9	17.1	28.4	1.5
Sabah	1.0	1.9	0.2	0.5	0.4	0.7
Sarawak	1.5	2.4	0.6	7.1	10.4	-
Selangor	2.9	4.5	1.2	18.4	21.3	8.9
Terengganu	0.9	1.4	0.5	5.8	7.1	-
W.P. Kuala Lumpur	5.2	7.3	3.1	19.2	20.8	13.9
W.P. Labuan	2.3	2.2	2.3	-	-	-
W.P. Putrajaya	-	-	-	-	-	-

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, 2023**

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2023

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>
<b>Malaysia</b>	<b>1,068</b>	<b>867</b>	<b>201</b>	<b>3.2</b>	<b>5.0</b>	<b>1.3</b>
<b>Johor</b>	<b>123</b>	<b>102</b>	<b>21</b>	<b>3.0</b>	<b>4.7</b>	<b>1.1</b>
Batu Pahat	14	14	-	2.8	5.3	-
Johor Bahru	61	45	16	3.5	4.8	1.9
Kluang	4	4	-	1.2	2.2	-
Kota Tinggi	5	4	1	2.2	3.3	0.9
Mersing	1	1	-	1.2	2.3	-
Muar	10	8	2	3.1	4.6	1.4
Pontian	4	4	-	2.3	4.2	-
Segamat	7	6	1	3.5	5.7	1.0
Kulai	11	10	1	3.2	5.4	0.6
Tangkak	6	6	-	3.6	6.9	-
<b>Kedah</b>	<b>44</b>	<b>37</b>	<b>7</b>	<b>2.0</b>	<b>3.3</b>	<b>0.7</b>
Baling	2	1	1	1.4	1.3	1.4
Bandar Baharu	-	-	-	-	-	-
Kota Setar	4	4	-	1.1	2.1	-
Kuala Muda	19	15	4	3.4	5.2	1.5
Kubang Pasu	3	3	-	1.2	2.4	-
Kulim	9	7	2	2.6	3.9	1.2
Langkawi	2	2	-	2.0	3.9	-
Padang Terap	3	3	-	4.5	8.6	-
Sik	1	1	-	1.4	2.8	-
Yan	-	-	-	-	-	-
Pendang	1	1	-	1.0	1.9	-
Pokok Sena	-	-	-	-	-	-
<b>Kelantan<sup>1</sup></b>	<b>21</b>	<b>17</b>	<b>4</b>	<b>1.1</b>	<b>1.8</b>	<b>0.4</b>
Bachok	2	1	1	1.2	1.3	1.2
Kota Bharu	7	6	1	1.2	2.1	0.3
Machang	-	-	-	-	-	-
Pasir Mas	-	-	-	-	-	-
Pasir Puteh	1	1	-	0.7	1.4	-
Tanah Merah	6	5	1	3.8	6.2	1.3
Tumpat	-	-	-	-	-	-
Gua Musang	2	2	-	1.9	3.5	-
Kuala Krai	2	2	-	1.8	3.6	-
Jeli	1	-	1	1.8	-	3.5
Kecil Lojing	-	-	-	-	-	-

Nota/ Note: <sup>1</sup> Jajahan

**Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2023 (samb.)**

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2023 (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>
<b>Melaka</b>	<b>23</b>	<b>17</b>	<b>6</b>	<b>2.2</b>	<b>3.1</b>	<b>1.2</b>
Alor Gajah	5	5	-	2.0	3.8	-
Jasin	3	2	1	1.9	2.4	1.4
Melaka Tengah	15	10	5	2.4	3.1	1.7
<b>Negeri Sembilan</b>	<b>57</b>	<b>50</b>	<b>7</b>	<b>4.7</b>	<b>7.9</b>	<b>1.2</b>
Jelebu	1	1	-	2.1	3.8	-
Kuala Pilah	3	3	-	4.2	8.2	-
Port Dickson	8	6	2	6.0	8.5	3.2
Rembau	4	4	-	8.2	16.2	-
Seremban	36	33	3	5.1	9.1	0.9
Tampin	2	2	-	2.2	4.2	-
Jempol	3	1	2	2.3	1.5	3.2
<b>Pahang</b>	<b>40</b>	<b>32</b>	<b>8</b>	<b>2.4</b>	<b>3.7</b>	<b>1.0</b>
Bentong	5	4	1	4.2	5.9	1.9
Cameron Highlands	2	2	-	4.9	8.4	-
Jerantut	-	-	-	-	-	-
Kuantan	14	11	3	2.5	3.7	1.1
Lipis	2	2	-	2.0	3.7	-
Pekan	2	1	1	1.6	1.5	1.7
Raub	2	2	-	2.0	3.8	-
Temerloh	7	5	2	4.0	5.5	2.4
Rompin	4	4	-	3.9	7.3	-
Maran	2	1	1	1.7	1.6	1.8
Bera	-	-	-	-	-	-
<b>Perak</b>	<b>98</b>	<b>75</b>	<b>23</b>	<b>3.9</b>	<b>5.7</b>	<b>1.9</b>
Batang Padang	5	5	-	4.0	7.4	-
Manjung	6	4	2	2.4	3.0	1.7
Kinta	57	44	13	6.3	9.3	3.0
Kerian	2	1	1	1.2	1.2	1.2
Kuala Kangsar	5	2	3	2.8	2.2	3.4
Larut & Matang	13	11	2	4.7	7.7	1.5
Hilir Perak	6	4	2	4.2	5.3	3.0
Hulu Perak	-	-	-	-	-	-
Perak Tengah	-	-	-	-	-	-
Kampar	4	4	-	4.0	7.9	-
Muallim	-	-	-	-	-	-
Bagan Datuk	-	-	-	-	-	-
Selama	-	-	-	-	-	-

**Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2023 (samb.)**

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2023 (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>
<b>Perlis</b>	<b>6</b>	<b>6</b>	<b>-</b>	<b>2.0</b>	<b>4.1</b>	<b>-</b>
<b>Pulau Pinang</b>	<b>123</b>	<b>99</b>	<b>24</b>	<b>6.9</b>	<b>10.9</b>	<b>2.8</b>
Seberang Perai Tengah	33	30	3	7.6	13.0	1.5
Seberang Perai Utara	11	9	2	3.2	5.1	1.2
Seberang Perai Selatan	17	16	1	9.1	17.0	1.1
Timur Laut	47	32	15	8.4	11.2	5.4
Barat Daya	15	12	3	6.1	9.8	2.5
<b>Sabah</b>	<b>33</b>	<b>28</b>	<b>5</b>	<b>0.9</b>	<b>1.5</b>	<b>0.3</b>
Tawau	3	3	-	0.8	1.5	-
Lahad Datu	2	2	-	0.8	1.6	-
Semporna	-	-	-	-	-	-
Sandakan	4	3	1	0.9	1.2	0.4
Kinabatangan	-	-	-	-	-	-
Beluran	2	1	1	2.4	2.2	2.6
Kota Kinabalu	7	6	1	1.3	2.2	0.4
Ranau	2	1	1	2.3	2.2	2.4
Kota Belud	2	2	-	1.8	3.6	-
Tuaran	4	4	-	2.9	5.6	-
Penampang	3	2	1	1.8	2.3	1.3
Papar	2	2	-	1.3	2.4	-
Kudat	-	-	-	-	-	-
Kota Marudu	-	-	-	-	-	-
Pitas	-	-	-	-	-	-
Beaufort	-	-	-	-	-	-
Kuala Penyu	1	1	-	4.1	8.2	-
Sipitang	-	-	-	-	-	-
Tenom	-	-	-	-	-	-
Nabawan	-	-	-	-	-	-
Keningau	1	1	-	0.6	1.2	-
Tambunan	-	-	-	-	-	-
Kunak	-	-	-	-	-	-
Tongod	-	-	-	-	-	-
Putatan	-	-	-	-	-	-
Telupid	-	-	-	-	-	-
Kalabakan	-	-	-	-	-	-



**Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2023 (samb.)**

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2023 (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>
<b>Sarawak</b>	<b>45</b>	<b>38</b>	<b>7</b>	<b>1.8</b>	<b>2.9</b>	<b>0.6</b>
Kuching	16	13	3	2.6	4.1	1.0
Bau	2	2	-	3.7	7.2	-
Lundu	-	-	-	-	-	-
Samarahan	3	-	3	2.2	-	4.3
Serian	1	1	-	1.2	2.2	-
Simunjan	-	-	-	-	-	-
Sri Aman	2	1	1	3.3	3.2	3.4
Lubok Antu	1	1	-	4.1	8.0	-
Betong	-	-	-	-	-	-
Saratok	-	-	-	-	-	-
Sarikei	1	1	-	2.2	4.5	-
Maradong	1	1	-	4.8	9.7	-
Daro	1	1	-	5.0	9.3	-
Julau	-	-	-	-	-	-
Sibu	5	5	-	2.0	3.8	-
Dalat	1	1	-	4.6	8.9	-
Mukah	-	-	-	-	-	-
Kanowit	-	-	-	-	-	-
Bintulu	5	5	-	2.7	5.0	-
Tatau	-	-	-	-	-	-
Kapit	-	-	-	-	-	-
Song	-	-	-	-	-	-
Belaga	-	-	-	-	-	-
Miri	3	3	-	1.2	2.3	-
Marudi	-	-	-	-	-	-
Limbang	-	-	-	-	-	-
Lawas	-	-	-	-	-	-
Matu	-	-	-	-	-	-
Asajaya	-	-	-	-	-	-
Pakan	-	-	-	-	-	-
Selangau	-	-	-	-	-	-
Tebedu	-	-	-	-	-	-
Pusa	1	1	-	5.0	9.7	-
Kabong	-	-	-	-	-	-
Tanjung Manis	1	1	-	12.6	23.9	-
Sebauh	-	-	-	-	-	-
Bukit Mabong	-	-	-	-	-	-
Subis	1	1	-	1.8	3.2	-
Beluru	-	-	-	-	-	-
Telang Usan	-	-	-	-	-	-

**Jadual 13.12: Kematian Bunuh diri (bilangan dan kadar) mengikut daerah pentadbiran, negeri kejadian dan jantina, Malaysia, 2023 (samb.)**

Table 13.12: Suicide deaths (number and rate) by administrative district, state of occurrence and sex, Malaysia, 2023 (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>
<b>Selangor</b>	<b>305</b>	<b>254</b>	<b>51</b>	<b>4.2</b>	<b>6.6</b>	<b>1.5</b>
Gombak	29	23	6	3.0	4.6	1.3
Klang	69	58	11	6.1	9.4	2.1
Kuala Langat	17	16	1	5.3	9.5	0.7
Kuala Selangor	6	6	-	2.0	4.0	-
Petaling	96	80	16	4.1	6.5	1.5
Sabak Bernam	3	3	-	2.7	5.3	-
Sepang	25	20	5	7.4	11.0	3.2
Ulu Langat	50	41	9	3.4	5.3	1.3
Ulu Selangor	10	7	3	4.0	5.2	2.5
<b>Terengganu</b>	<b>13</b>	<b>10</b>	<b>3</b>	<b>1.1</b>	<b>1.6</b>	<b>0.5</b>
Besut	2	2	-	1.2	2.4	-
Dungun	-	-	-	-	-	-
Kemaman	2	2	-	0.9	1.7	-
Kuala Terengganu	5	3	2	2.1	2.5	1.7
Marang	2	1	1	1.6	1.6	1.6
Hulu Terengganu	-	-	-	-	-	-
Setiu	-	-	-	-	-	-
Kuala Nerus	2	2	-	1.3	2.6	-
<b>W.P. Kuala Lumpur</b>	<b>135</b>	<b>101</b>	<b>34</b>	<b>6.7</b>	<b>9.4</b>	<b>3.6</b>
<b>W.P. Labuan</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>2.0</b>	<b>2.0</b>	<b>2.1</b>
<b>W.P. Putrajaya</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Kadar adalah bagi setiap 100,000 penduduk

The rates are per 100,000 population

**SIRI MASA**  
**SEBAB KEMATIAN**  
*TIME SERIES OF*  
*CAUSES OF*  
*DEATHS*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**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	
<b>Keseluruhan sebab <i>All causes</i></b>		<b>39,282</b>		<b>Keseluruhan sebab <i>All causes</i></b>		<b>61,425</b>	
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	
<b>Keseluruhan sebab <i>All causes</i></b>		<b>44,820</b>		<b>Keseluruhan sebab <i>All causes</i></b>		<b>59,711</b>	
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	
<b>Keseluruhan sebab <i>All causes</i></b>		<b>48,536</b>		<b>Keseluruhan sebab <i>All causes</i></b>		<b>61,831</b>	

**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)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>2003</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>50,178</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>62,566</b>	
<b>2004</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>52,168</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>61,024</b>	
<b>2005</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>54,560</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>60,876</b>	

**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	
	<b>Keseluruhan sebab <i>All causes</i></b>		<b>56,777</b>		<b>Keseluruhan sebab <i>All causes</i></b>		<b>61,001</b>
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	
	<b>Keseluruhan sebab <i>All causes</i></b>		<b>60,096</b>		<b>Keseluruhan sebab <i>All causes</i></b>		<b>60,574</b>
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	
	<b>Keseluruhan sebab <i>All causes</i></b>		<b>64,587</b>		<b>Keseluruhan sebab <i>All causes</i></b>		<b>62,511</b>

**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)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>2009</b>	1. <i>Ischaemic heart diseases</i>	9,361	13.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	34,851	54.6
	2. <i>Pneumonia</i>	6,106	9.0	Lelah <i>Asthma</i>	3,538	5.5
	3. <i>Transport accidents</i>	4,585	6.8	Kencing manis <i>Diabetes mellitus</i>	1,809	2.8
	4. <i>Cerebrovascular diseases</i>	4,511	6.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,308	2.0
	5. <i>Septicaemia</i>	4,217	6.2	Darah tinggi <i>Hypertension</i>	1,264	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>67,488</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>63,840</b>	
<b>2010</b>	1. <i>Ischaemic heart diseases</i>	9,371	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	34,130	54.6
	2. <i>Pneumonia</i>	6,504	9.5	Lelah <i>Asthma</i>	3,188	5.1
	3. <i>Cerebrovascular diseases</i>	4,763	7.0	Kencing manis <i>Diabetes mellitus</i>	1,738	2.8
	4. <i>Transport accidents</i>	4,683	6.8	Darah tinggi <i>Hypertension</i>	1,407	2.3
	5. <i>Septicaemia</i>	4,526	6.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,281	2.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>68,518</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>62,460</b>	
<b>2011</b>	1. <i>Ischaemic heart diseases</i>	10,004	14.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35,840	55.5
	2. <i>Pneumonia</i>	7,518	10.6	Lelah <i>Asthma</i>	2,999	4.6
	3. <i>Cerebrovascular diseases</i>	5,112	7.2	Kencing manis <i>Diabetes mellitus</i>	1,709	2.6
	4. <i>Septicaemia</i>	4,540	6.4	Darah tinggi <i>Hypertension</i>	1,439	2.2
	5. <i>Transport accidents</i>	4,502	6.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,319	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>70,835</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>64,628</b>	



**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)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>2012</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>71,848</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>66,844</b>	
<b>2013</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>74,147</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>68,055</b>	
<b>2014</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>77,365</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>72,953</b>	

**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)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>2015</b>	1. <i>Ischaemic heart diseases</i>	11,018	13.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	37,869	50.4
	2. <i>Pneumonia</i>	10,200	12.6	Kencing manis <i>Diabetes mellitus</i>	2,233	3.0
	3. <i>Cerebrovascular diseases</i>	5,678	7.0	Darah tinggi <i>Hypertension</i>	2,009	2.7
	4. <i>Transport accidents</i>	4,196	5.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,891	2.5
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,809	2.2	Lelah <i>Asthma</i>	1,677	2.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>80,691</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>75,095</b>	
<b>2016</b>	1. <i>Ischaemic heart diseases</i>	11,310	13.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	38,452	50.2
	2. <i>Pneumonia</i>	10,678	12.5	Kencing manis <i>Diabetes mellitus</i>	2,286	3.0
	3. <i>Cerebrovascular diseases</i>	5,876	6.9	Darah tinggi <i>Hypertension</i>	2,090	2.7
	4. <i>Transport accidents</i>	4,640	5.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	2,018	2.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	1,850	2.2	Lelah <i>Asthma</i>	1,635	2.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>85,637</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>76,564</b>	
<b>2017</b>	1. <i>Ischaemic heart diseases</i>	13,503	13.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	35,057	49.6
	2. <i>Pneumonia</i>	12,365	12.7	Kencing manis <i>Diabetes mellitus</i>	2,243	3.2
	3. <i>Cerebrovascular diseases</i>	6,878	7.1	Darah tinggi <i>Hypertension</i>	2,187	3.1
	4. <i>Transport accidents</i>	4,499	4.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,871	2.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2,251	2.3	Lelah <i>Asthma</i>	1,328	1.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>97,440</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>70,728</b>	

**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)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>2018</b>	1. <i>Ischaemic heart diseases</i>	18,267	15.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	25,549	46.8
	2. <i>Pneumonia</i>	13,804	11.8	Darah tinggi <i>Hypertension</i>	2,131	3.9
	3. <i>Cerebrovascular diseases</i>	9,154	7.8	Kencing manis <i>Diabetes mellitus</i>	1,889	3.5
	4. <i>Transport accidents</i>	4,391	3.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,483	2.7
	5. <i>Chronic lower respiratory diseases</i>	3,074	2.6	Lelah <i>Asthma</i>	1,043	1.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>117,387</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>54,644</b>	
<b>2019</b>	1. <i>Ischaemic heart diseases</i>	16,336	14.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	30,729	47.4
	2. <i>Pneumonia</i>	13,384	12.2	Darah tinggi <i>Hypertension</i>	2,397	3.7
	3. <i>Cerebrovascular diseases</i>	8,699	7.9	Kencing manis <i>Diabetes mellitus</i>	1,999	3.1
	4. <i>Transport accidents</i>	4,201	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,715	2.6
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2,606	2.4	Lelah <i>Asthma</i>	1,079	1.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>109,441</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>64,813</b>	
<b>2020</b>	1. <i>Ischaemic heart diseases</i>	18,525	16.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	26,108	45.4
	2. <i>Pneumonia</i>	12,423	11.3	Darah tinggi <i>Hypertension</i>	2,196	3.8
	3. <i>Cerebrovascular diseases</i>	9,105	8.3	Kencing manis <i>Diabetes mellitus</i>	1,756	3.1
	4. <i>Transport accidents</i>	3,169	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,368	2.4
	5. <i>Malignant neoplasm of trachea, bronchus and lung</i>	2,742	2.5	Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	740	1.3
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>109,704</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>57,477</b>	

**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)

	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Bil.</b> No.	<b>%</b>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>	<b>Bil.</b> No.	<b>%</b>
<b>2021</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>157,636</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>67,295</b>	
<b>2022</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>126,741</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>80,039</b>	
<b>2023</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>119,652</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>77,313</b>	

**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

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2000</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>25,223</b>			<b>14,059</b>	
<b>2001</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>28,413</b>			<b>16,407</b>	
<b>2002</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>30,703</b>			<b>17,833</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2003</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,802</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>18,376</b>	
<b>2004</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>33,249</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>18,919</b>	
<b>2005</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>34,431</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>20,129</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2006</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>35,768</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>21,009</b>	
<b>2007</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>37,873</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>22,223</b>	
<b>2008</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>40,759</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>23,828</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2009</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>42,516</b>			<b>24,972</b>	
<b>2010</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>43,142</b>			<b>25,376</b>	
<b>2011</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>44,372</b>			<b>26,463</b>	



**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2012</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>44,920</b>			<b>26,928</b>	
<b>2013</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>46,229</b>			<b>27,918</b>	
<b>2014</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>47,871</b>			<b>29,494</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2015</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>49,526</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,165</b>	
<b>2016</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>52,617</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>33,020</b>	
<b>2017</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>59,290</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>38,150</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2018</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>70,205</b>			<b>47,182</b>	
<b>2019</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>65,635</b>			<b>43,806</b>	
<b>2020</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>66,320</b>			<b>43,384</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2021</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>93,294</b>			<b>64,342</b>	
<b>2022</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>76,094</b>			<b>50,647</b>	
<b>2023</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>71,906</b>			<b>47,746</b>	

**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

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2000</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>33,080</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>28,345</b>	
<b>2001</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,695</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>28,016</b>	
<b>2002</b>	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
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32,681</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>29,150</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2003</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,270	43.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,682	56.8
	2. Lelah <i>Asthma</i>	2,061	6.2	Lelah <i>Asthma</i>	1,277	4.3
	3. Demam <i>Fever</i>	1,024	3.1	Demam <i>Fever</i>	766	2.6
	4. Kencing manis <i>Diabetes mellitus</i>	745	2.2	Kencing manis <i>Diabetes mellitus</i>	629	2.1
	5. Kemalangan pengangkutan - udara, darat dan air <i>Transport accidents - air, land and</i>	731	2.2	Darah tinggi <i>Hypertension</i>	539	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>33,185</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>29,381</b>	
<b>2004</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13,903	43.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,746	58.0
	2. Lelah <i>Asthma</i>	2,103	6.5	Lelah <i>Asthma</i>	1,337	4.6
	3. Demam <i>Fever</i>	867	2.7	Kencing manis <i>Diabetes mellitus</i>	651	2.3
	4. Kencing manis <i>Diabetes mellitus</i>	660	2.1	Demam <i>Fever</i>	609	2.1
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	637	2.0	Darah tinggi <i>Hypertension</i>	530	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32,153</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>28,871</b>	
<b>2005</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,453	45.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,336	59.6
	2. Lelah <i>Asthma</i>	2,158	6.8	Lelah <i>Asthma</i>	1,520	5.2
	3. Kencing manis <i>Diabetes mellitus</i>	793	2.5	Kencing manis <i>Diabetes mellitus</i>	810	2.8
	4. Demam <i>Fever</i>	682	2.1	Darah tinggi <i>Hypertension</i>	591	2.0
	5. Darah tinggi <i>Hypertension</i>	661	2.1	Demam <i>Fever</i>	579	2.0
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,792</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>29,084</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2006</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,374	45.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,091	58.7
	2. Lelah <i>Asthma</i>	2,141	6.7	Lelah <i>Asthma</i>	1,547	5.3
	3. Kencing manis <i>Diabetes mellitus</i>	924	2.9	Kencing manis <i>Diabetes mellitus</i>	835	2.9
	4. Darah tinggi <i>Hypertension</i>	699	2.2	Darah tinggi <i>Hypertension</i>	607	2.1
	5. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	665	2.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	527	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,902</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>29,099</b>	
<b>2007</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,619	46.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,252	59.8
	2. Lelah <i>Asthma</i>	2,129	6.7	Lelah <i>Asthma</i>	1,465	5.1
	3. Kencing manis <i>Diabetes mellitus</i>	854	2.7	Kencing manis <i>Diabetes mellitus</i>	779	2.7
	4. Darah tinggi <i>Hypertension</i>	712	2.2	Darah tinggi <i>Hypertension</i>	607	2.1
	5. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	682	2.1	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	527	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,733</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>28,841</b>	
<b>2008</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	15,404	47.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,141	60.8
	2. Lelah <i>Asthma</i>	2,160	6.6	Lelah <i>Asthma</i>	1,511	5.1
	3. Kencing manis <i>Diabetes mellitus</i>	837	2.6	Kencing manis <i>Diabetes mellitus</i>	777	2.6
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	741	2.3	Darah tinggi <i>Hypertension</i>	691	2.3
	5. Darah tinggi <i>Hypertension</i>	720	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	568	1.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32,673</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>29,838</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2009</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,029	47.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,822	61.9
	2. Lelah <i>Asthma</i>	2,054	6.1	Lelah <i>Asthma</i>	1,484	4.9
	3. Kencing manis <i>Diabetes mellitus</i>	988	3.0	Kencing manis <i>Diabetes mellitus</i>	821	2.7
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	735	2.2	Darah tinggi <i>Hypertension</i>	619	2.0
	5. Darah tinggi <i>Hypertension</i>	645	1.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	573	1.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>33,445</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>30,395</b>	
<b>2010</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	15,735	48.0	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,395	61.9
	2. Lelah <i>Asthma</i>	1,885	5.8	Lelah <i>Asthma</i>	1,303	4.4
	3. Kencing manis <i>Diabetes mellitus</i>	932	2.8	Kencing manis <i>Diabetes mellitus</i>	806	2.7
	4. Darah tinggi <i>Hypertension</i>	769	2.3	Darah tinggi <i>Hypertension</i>	638	2.1
	5. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	755	2.3	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	526	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32,763</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>29,697</b>	
<b>2011</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,466	48.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	19,374	62.8
	2. Lelah <i>Asthma</i>	1,853	5.5	Lelah <i>Asthma</i>	1,146	3.7
	3. Kencing manis <i>Diabetes mellitus</i>	928	2.7	Kencing manis <i>Diabetes mellitus</i>	781	2.5
	4. Darah tinggi <i>Hypertension</i>	761	2.3	Darah tinggi <i>Hypertension</i>	678	2.2
	5. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	745	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	574	1.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>33,797</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>30,831</b>	



**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2012</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,030	48.7	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,323	63.7
	2. Lelah <i>Asthma</i>	1,857	5.3	Lelah <i>Asthma</i>	1,113	3.5
	3. Kencing manis <i>Diabetes mellitus</i>	1,002	2.9	Kencing manis <i>Diabetes mellitus</i>	863	2.7
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	904	2.6	Darah tinggi <i>Hypertension</i>	743	2.3
	5. Darah tinggi <i>Hypertension</i>	759	2.2	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	691	2.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>34,945</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>31,899</b>	
<b>2013</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,864	47.2	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,204	62.5
	2. Lelah <i>Asthma</i>	1,703	4.8	Lelah <i>Asthma</i>	1,120	3.5
	3. Kencing manis <i>Diabetes mellitus</i>	1,009	2.8	Kencing manis <i>Diabetes mellitus</i>	860	2.7
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,006	2.8	Darah tinggi <i>Hypertension</i>	747	2.3
	5. Darah tinggi <i>Hypertension</i>	856	2.4	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	715	2.2
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>35,712</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32,343</b>	
<b>2014</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,615	45.6	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,450	59.6
	2. Kencing manis <i>Diabetes mellitus</i>	1,108	2.9	Kencing manis <i>Diabetes mellitus</i>	1,053	3.1
	3. Lelah <i>Asthma</i>	1,087	2.8	Darah tinggi <i>Hypertension</i>	817	2.4
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,061	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	743	2.2
	5. Darah tinggi <i>Hypertension</i>	938	2.4	Lelah <i>Asthma</i>	641	1.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>38,661</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>34,292</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2015</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,483	43.8	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,386	58.0
	2. Kencing manis <i>Diabetes mellitus</i>	1,199	3.0	Kencing manis <i>Diabetes mellitus</i>	1,034	2.9
	3. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,102	2.8	Darah tinggi <i>Hypertension</i>	949	2.7
	4. Darah tinggi <i>Hypertension</i>	1,060	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	789	2.2
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,055	2.6	Lelah <i>Asthma</i>	648	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>39,923</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>35,172</b>	
<b>2016</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	17,816	43.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	20,636	58.2
	2. Kencing manis <i>Diabetes mellitus</i>	1,243	3.0	Kencing manis <i>Diabetes mellitus</i>	1,043	2.9
	3. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,200	2.9	Darah tinggi <i>Hypertension</i>	980	2.8
	4. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	1,111	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	818	2.3
	5. Darah tinggi <i>Hypertension</i>	1,110	2.7	Barah payudara <i>Breast cancer</i>	635	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>41,081</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>35,483</b>	
<b>2017</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,200	43.5	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,857	56.3
	2. Kencing manis <i>Diabetes mellitus</i>	1,180	3.2	Kencing manis <i>Diabetes mellitus</i>	1,063	3.2
	3. Darah tinggi <i>Hypertension</i>	1,142	3.1	Darah tinggi <i>Hypertension</i>	1,045	3.1
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,071	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	800	2.4
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	921	2.5	Barah payudara <i>Breast cancer</i>	612	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>37,232</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>33,496</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2018</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	11,540	40.1	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,009	54.1
	2. Darah tinggi <i>Hypertension</i>	1,151	4.0	Darah tinggi <i>Hypertension</i>	980	3.8
	3. Kencing manis <i>Diabetes mellitus</i>	1,043	3.6	Kencing manis <i>Diabetes mellitus</i>	846	3.3
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	851	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	632	2.4
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	708	2.5	Barah payudara <i>Breast cancer</i>	420	1.6
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>28,744</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>25,900</b>	
<b>2019</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,033	40.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,696	54.8
	2. Darah tinggi <i>Hypertension</i>	1,289	3.8	Darah tinggi <i>Hypertension</i>	1,108	3.6
	3. Kencing manis <i>Diabetes mellitus</i>	1,060	3.1	Kencing manis <i>Diabetes mellitus</i>	939	3.1
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,025	3.0	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	690	2.3
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	816	2.4	Barah payudara <i>Breast cancer</i>	523	1.7
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>34,340</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>30,473</b>	
<b>2020</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	11,957	39.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,151	52.4
	2. Darah tinggi <i>Hypertension</i>	1,217	4.0	Darah tinggi <i>Hypertension</i>	979	3.6
	3. Kencing manis <i>Diabetes mellitus</i>	986	3.2	Kencing manis <i>Diabetes mellitus</i>	770	2.9
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	806	2.6	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	562	2.1
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	583	1.9	Barah payudara <i>Breast cancer</i>	504	1.9
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>30,462</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>27,015</b>	

**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)

	<b>Lelaki</b> <i>Male</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>	<b>Perempuan</b> <i>Female</i>	<b>Bil.</b> <i>No.</i>	<b>%</b>
<b>2021</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	13,565	38.9	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,345	50.4
	2. Darah tinggi <i>Hypertension</i>	1,777	5.1	Darah tinggi <i>Hypertension</i>	1,532	4.7
	3. Kencing manis <i>Diabetes mellitus</i>	1,160	3.3	Kencing manis <i>Diabetes mellitus</i>	966	3.0
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	944	2.7	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	637	2.0
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	607	1.7	Barah payudara <i>Breast cancer</i>	588	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>34,854</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>32,441</b>	
<b>2022</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	16,117	38.4	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	19,464	51.1
	2. Darah tinggi <i>Hypertension</i>	2,078	5.0	Darah tinggi <i>Hypertension</i>	1,823	4.8
	3. Kencing manis <i>Diabetes mellitus</i>	1,451	3.5	Kencing manis <i>Diabetes mellitus</i>	1,152	3.0
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,225	2.9	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	877	2.3
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	796	1.9	Barah payudara <i>Breast cancer</i>	681	1.8
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>41,924</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>38,115</b>	
<b>2023</b>	1. Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	14,674	36.3	Sakit tua 65 tahun dan lebih <i>Old age 65 years and over</i>	18,084	49.0
	2. Kencing manis <i>Diabetes mellitus</i>	1,843	4.6	Darah tinggi <i>Hypertension</i>	1,606	4.3
	3. Darah tinggi <i>Hypertension</i>	1,824	4.5	Kencing manis <i>Diabetes mellitus</i>	1,554	4.2
	4. Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,534	3.8	Penyakit serebrovaskular <i>Cerebrovascular diseases</i>	1,104	3.0
	5. Penyakit jantung iskemia <i>Ischaemic heart diseases</i>	761	1.9	Barah payudara <i>Breast cancer</i>	760	2.1
	<b>Keseluruhan sebab</b> <i>All causes</i>	<b>40,387</b>		<b>Keseluruhan sebab</b> <i>All causes</i>	<b>36,926</b>	

**Jadual 14.4: Siri masa kematian mengikut pengesah, Malaysia, 2000-2023**

Table 14.4: Time series of deaths by certification, Malaysia, 2000-2023

<b>Tahun</b> <i>Year</i>	<b>Disahkan secara perubatan</b> <i>Medically certified</i>	<b>Tidak disahkan secara perubatan</b> <i>Non-medically certified</i>
<b>2000</b>	39,282	61,425
<b>2001</b>	44,820	59,711
<b>2002</b>	48,536	61,831
<b>2003</b>	50,178	62,566
<b>2004</b>	52,168	61,024
<b>2005</b>	54,560	60,876
<b>2006</b>	56,777	61,001
<b>2007</b>	60,096	60,574
<b>2008</b>	64,587	62,511
<b>2009</b>	67,488	63,840
<b>2010</b>	68,518	62,460
<b>2011</b>	70,835	64,628
<b>2012</b>	71,848	66,844
<b>2013</b>	74,147	68,055
<b>2014</b>	77,365	72,953
<b>2015</b>	80,691	75,095
<b>2016</b>	85,637	76,564
<b>2017</b>	97,440	70,728
<b>2018</b>	117,387	54,644
<b>2019</b>	109,441	64,813
<b>2020</b>	109,704	57,477
<b>2021</b>	157,636	67,295
<b>2022</b>	126,741	80,039
<b>2023</b>	119,652	77,313

**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

**Data kematian bagi tahun 2020 hingga 2022 telah dikemas kini berdasarkan laporan kes bunuh diri daripada Polis Diraja Malaysia**  
Data for 2020 to 2022 have been updated based on report on suicide cases from the Royal Malaysia Police

**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

**Data kematian bagi tahun 2020 hingga 2022 telah dikemas kini berdasarkan laporan kes bunuh diri daripada Polis Diraja Malaysia**  
Data for 2020 to 2022 have been updated based on report on suicide cases from the Royal Malaysia Police



**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
<b>Keseluruhan sebab All causes</b>	<b>39,282</b>	<b>44,820</b>	<b>48,536</b>

Data kematian bagi tahun 2020 hingga 2022 telah dikemas kini berdasarkan laporan kes bunuh diri daripada Polis Diraja Malaysia  
Data for 2020 to 2022 have been updated based on report on suicide cases from the Royal Malaysia Police

**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
<b>50,178</b>	<b>52,168</b>	<b>54,560</b>	<b>56,777</b>	<b>60,096</b>	<b>64,587</b>	<b>67,488</b>	<b>68,518</b>	<b>70,835</b>

**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
<b>Keseluruhan sebab All causes</b>	<b>71,848</b>	<b>74,147</b>	<b>77,365</b>

Data kematian bagi tahun 2020 hingga 2022 telah dikemas kini berdasarkan laporan kes bunuh diri daripada Polis Diraja Malaysia  
Data for 2020 to 2022 have been updated based on report on suicide cases from the Royal Malaysia Police

**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
<b>80,691</b>	<b>85,637</b>	<b>97,440</b>	<b>117,387</b>	<b>109,441</b>	<b>109,704</b>	<b>157,636</b>	<b>126,741</b>	<b>119,652</b>

**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
<b>Keseluruhan sebab</b> All causes	<b>61,425</b>	<b>59,711</b>	<b>61,831</b>

**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
<b>62,566</b>	<b>61,024</b>	<b>60,876</b>	<b>61,001</b>	<b>60,574</b>	<b>62,511</b>	<b>63,840</b>	<b>62,460</b>	<b>64,628</b>

**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
<b>Keseluruhan sebab</b> <i>All causes</i>	<b>66,844</b>	<b>68,055</b>	<b>72,953</b>

**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
<b>75,095</b>	<b>76,564</b>	<b>70,728</b>	<b>54,644</b>	<b>64,813</b>	<b>57,477</b>	<b>67,295</b>	<b>80,039</b>	<b>77,313</b>

**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/ Causes of death	2000		2001	
	Bil. No.	%	Bil. No.	%
1. Certain infectious and parasitic diseases	4,214	10.7	5,002	11.2
2. Neoplasms	4,689	11.9	5,231	11.7
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	317	0.8	395	0.9
4. Endocrine, nutritional and metabolic diseases	816	2.1	1,093	2.4
5. Mental and behavioural disorders	49	0.1	98	0.2
6. Diseases of the nervous system	703	1.8	732	1.6
7. Diseases of the eye and adnexa	-	-	1	0.0
8. Diseases of the ear and mastoid process	-	-	1	0.0
9. Diseases of the circulatory system	11,336	28.9	12,779	28.5
10. Diseases of the respiratory system	4,621	11.8	5,500	12.3
11. Diseases of the digestive system	1,751	4.5	1,900	4.2
12. Diseases of the skin and subcutaneous tissue	138	0.4	138	0.3
13. Diseases of the musculoskeletal system and connective tissue	133	0.3	153	0.3
14. Diseases of the genitourinary system	1,263	3.2	1,432	3.2
15. Pregnancy, childbirth and the puerperium	124	0.3	147	0.3
16. Certain conditions originating in the perinatal period	1,002	2.6	1,299	2.9
17. Congenital malformations, deformations and chromosomal abnormalities	589	1.5	661	1.5
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	1,513	3.9	1,861	4.2
19. Injury, poisoning and certain other consequences of external causes	-	-	-	-
20. Codes for special purposes	-	-	-	-
21. External causes of morbidity and mortality	6,024	15.3	6,397	14.3
22. Factors influencing health status and contact with health services	-	-	-	-
<b>Keseluruhan sebab</b> All causes	<b>39,282</b>		<b>44,820</b>	

**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
-	-	-	-	-	-	-	-
<b>48,536</b>		<b>50,178</b>		<b>52,168</b>		<b>54,560</b>	

**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/ Causes of death	2006		2007	
	Bil. No.	%	Bil. No.	%
1. Certain infectious and parasitic diseases	6,352	11.2	6,383	10.6
2. Neoplasms	7,226	12.7	7,921	13.2
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	527	0.9	633	1.1
4. Endocrine, nutritional and metabolic diseases	1,488	2.6	1,351	2.2
5. Mental and behavioural disorders	46	0.1	41	0.1
6 Diseases of the nervous system	828	1.5	870	1.4
7. Diseases of the eye and adnexa	1	0.0	1	0.0
8 Diseases of the ear and mastoid process	3	0.0	3	0.0
9. Diseases of the circulatory system	16,360	28.8	17,469	29.1
10. Diseases of the respiratory system	7,059	12.4	7,908	13.2
11. Diseases of the digestive system	2,327	4.1	2,428	4.0
12. Diseases of the skin and subcutaneous tissue	348	0.6	367	0.6
13. Diseases of the musculoskeletal system and connective tissue	281	0.5	316	0.5
14. Diseases of the genitourinary system	1,753	3.1	1,988	3.3
15. Pregnancy, childbirth and the puerperium	125	0.2	138	0.2
16. Certain conditions originating in the perinatal period	1,136	2.0	1,227	2.0
17. Congenital malformations, deformations and chromosomal abnormalities	898	1.6	872	1.5
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	2,152	3.8	2,152	3.6
19. Injury, poisoning and certain other consequences of external causes	-	-	-	-
20. Codes for special purposes	-	-	-	-
21. External causes of morbidity and mortality	7,867	13.9	8,028	13.4
22. Factors influencing health status and contact with health services	-	-	-	-
<b>Keseluruhan sebab</b> All causes	<b>56,777</b>		<b>60,096</b>	



**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
-	-	-	-	-	-	-	-
<b>64,587</b>		<b>67,488</b>		<b>68,518</b>		<b>70,835</b>	

**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/ Causes of death	2012		2013	
	Bil. No.	%	Bil. No.	%
1. Certain infectious and parasitic diseases	7,008	9.8	6,908	9.3
2. Neoplasms	9,717	13.5	10,141	13.7
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	521	0.7	545	0.7
4. Endocrine, nutritional and metabolic diseases	1,112	1.5	1,064	1.4
5. Mental and behavioural disorders	14	0.0	14	0.0
6. Diseases of the nervous system	971	1.4	1,035	1.4
7. Diseases of the eye and adnexa	1	0.0	1	0.0
8. Diseases of the ear and mastoid process	5	0.0	2	0.0
9. Diseases of the circulatory system	19,985	27.8	20,033	27.0
10. Diseases of the respiratory system	11,890	16.5	13,343	18.0
11. Diseases of the digestive system	2,997	4.2	2,968	4.0
12. Diseases of the skin and subcutaneous tissue	750	1.0	788	1.1
13. Diseases of the musculoskeletal system and connective tissue	544	0.8	537	0.7
14. Diseases of the genitourinary system	2,691	3.7	2,918	3.9
15. Pregnancy, childbirth and the puerperium	122	0.2	108	0.1
16. Certain conditions originating in the perinatal period	1,246	1.7	1,228	1.7
17. Congenital malformations, deformations and chromosomal abnormalities	1,008	1.4	985	1.3
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	2,472	3.4	2,666	3.6
19. Injury, poisoning and certain other consequences of external causes	-	-	-	-
20. Codes for special purposes	-	-	-	-
21. External causes of morbidity and mortality	8,794	12.2	8,863	12.0
22. Factors influencing health status and contact with health services	-	-	-	-
<b>Keseluruhan sebab</b> All causes	<b>71,848</b>		<b>74,147</b>	

**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
-	-	-	-	-	-	-	-
<b>77,365</b>		<b>80,691</b>		<b>85,637</b>		<b>97,440</b>	

**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/ Causes of death	2018		2019	
	Bil. No.	%	Bil. No.	%
1. Certain infectious and parasitic diseases	7,519	6.4	7,457	6.8
2. Neoplasms	16,840	14.3	15,759	14.4
3. Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism	671	0.6	663	0.6
4. Endocrine, nutritional and metabolic diseases	4,252	3.6	3,192	2.9
5. Mental and behavioural disorders	107	0.1	57	0.1
6. Diseases of the nervous system	1,628	1.4	1,540	1.4
7. Diseases of the eye and adnexa	2	0.0	2	0.0
8. Diseases of the ear and mastoid process	11	0.0	11	0.0
9. Diseases of the circulatory system	36,334	31.0	32,788	30.0
10. Diseases of the respiratory system	21,466	18.3	20,012	18.3
11. Diseases of the digestive system	4,261	3.6	4,130	3.8
12. Diseases of the skin and subcutaneous tissue	1,472	1.3	1,534	1.4
13. Diseases of the musculoskeletal system and connective tissue	1,074	0.9	1,074	1.0
14. Diseases of the genitourinary system	4,965	4.2	4,615	4.2
15. Pregnancy, childbirth and the puerperium	118	0.1	103	0.1
16. Certain conditions originating in the perinatal period	1,324	1.1	1,208	1.1
17. Congenital malformations, deformations and chromosomal abnormalities	1,183	1.0	1,079	1.0
18. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	4,984	4.2	5,381	4.9
19. Injury, poisoning and certain other consequences of external causes	-	-	-	-
20. Codes for special purposes	-	-	-	-
21. External causes of morbidity and mortality	9,176	7.8	8,836	8.1
22. Factors influencing health status and contact with health services	-	-	-	-
<b>Keseluruhan sebab</b> All causes	<b>117,387</b>		<b>109,441</b>	

**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
-	-	-	-	-	-	-	-
<b>109,704</b>		<b>157,636</b>		<b>126,741</b>		<b>119,652</b>	

**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
<b>Keseluruhan sebab</b> All causes	<b>4,689</b>	<b>5,231</b>	<b>5,741</b>

**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
<b>5,997</b>	<b>6,387</b>	<b>6,697</b>	<b>7,226</b>	<b>7,921</b>	<b>8,451</b>	<b>8,687</b>	<b>9,043</b>	<b>9,594</b>

**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
<b>Keseluruhan sebab</b> All causes	<b>9,717</b>	<b>10,141</b>	<b>10,798</b>



**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
<b>11,136</b>	<b>11,892</b>	<b>13,771</b>	<b>16,840</b>	<b>15,759</b>	<b>16,902</b>	<b>16,588</b>	<b>15,933</b>	<b>16,545</b>

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

# **NOTA TEKNIKAL**



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

## 1. PENDAHULUAN

Statistik kematian dan sebab kematian utama dalam penerbitan ini adalah berdasarkan rekod kematian yang didaftarkan di Jabatan Pendaftaran Negara (JPN). Statistik sebab kematian utama yang dipaparkan adalah mengikut kategori sebab kematian yang disahkan dan tidak disahkan secara perubatan.

Penyusunan statistik ini adalah berdasarkan konsep dan garis panduan daripada *Principles and Recommendations for a Vital Statistics System, Revision 3* yang diterbitkan oleh *United Nations Statistics Division* (2014) dan *International Statistical Classification of Diseases and Related Health Problems, 10<sup>th</sup> Revision* (ICD-10) yang diterbitkan oleh *World Health Organization* (2010).

## 2. INDIKATOR KEMATIAN

2.1 Indikator kematian dikira menggunakan anggaran penduduk pertengahan tahun semasa, kelahiran hidup dan kelahiran mati. Statistik kematian ini meliputi bilangan dan kadar kematian yang disusun mengikut bab iaitu kematian keseluruhan Malaysia, kematian perinatal, kematian neonatal, kematian bayi, kematian kanak-kanak, kematian kurang daripada 5 tahun, kematian ibu bersalin, kematian penduduk berumur 0–14 tahun, kematian penduduk berumur 15–40 tahun, kematian penduduk berumur 41–59 tahun, kematian penduduk berumur 60 tahun dan lebih dan kematian pramatang (30–69 tahun).

2.2 Semua indikator demografi yang melibatkan data penduduk tahun 2020 hingga 2022 telah disemak semula berdasarkan data Banci Penduduk dan Perumahan Malaysia. Manakala, indikator bagi tahun 2011 hingga 2019 berdasarkan data Banci Penduduk dan Perumahan Malaysia 2010 dan akan disemak semula. Data kematian bagi tahun 2020 hingga 2022 telah dikemas kini berdasarkan laporan kes bunuh diri daripada Polis Diraja Malaysia.

### 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, 10<sup>th</sup> Revision (ICD-10)*. Sebab kematian yang tidak disahkan secara perubatan dikod berdasarkan Buku Kod Sebab Kematian Yang Tidak Disahkan Versi 3 yang telah dibangunkan oleh Jabatan Perangkaan Malaysia berdasarkan persetujuan dengan pihak Kementerian Kesihatan Malaysia, Jabatan Pendaftaran Negara, Polis Diraja Malaysia dan Dewan Bandaraya Kuala Lumpur.

## 8. MATLAMAT PEMBANGUNAN MAMPAN (SDG)

Pada bulan September 2015, Malaysia menyatakan komitmen dan sokongan untuk melaksanakan Agenda 2030 ke arah Matlamat Pembangunan Mampan (SDG) dari tahun 2016 hingga 2030.

SDG mengandungi 17 Matlamat, 169 Sasaran dan 248 Indikator. Perangkaan Sebab Kematian merupakan sebahagian daripada indikator yang disenaraikan dalam Matlamat 3: Memastikan kehidupan yang sihat dan mempromosikan kesejahteraan untuk semua peringkat umur. Terdapat dua indikator yang berkaitan iaitu indikator 3.4.1 dan 3.4.2.

Konsep dan definisi bagi indikator SDG adalah berdasarkan kepada metadada yang dikeluarkan oleh Pertubuhan Bangsa-bangsa Bersatu (PBB) dan *World Health Organization (WHO)*.

- i. Kadar mortaliti berpunca daripada *Cardiovascular diseases, Cancer, Diabetes* dan *Chronic respiratory diseases* adalah kematian bagi setiap 100,000 penduduk yang berumur 30 hingga 69 tahun. Kod ICD-10 bagi *Cardiovascular diseases, Cancer, Diabetes* dan *Chronic respiratory diseases* adalah I00-I99, C00-C97, E10-E14 dan J30-J98.
- ii. Kadar kematian bunuh diri adalah bilangan bunuh diri bagi setiap 100,000 penduduk. Kod ICD-10 untuk bunuh diri adalah X60-X84 (*Intentional Self-harm*).



## 9. KONSEP

- i. Kelahiran mati**  
Merujuk kepada kelahiran selepas kehamilan 28 minggu atau lebih yang tiada tanda bernyawa semasa dilahirkan.
- ii. Kematian perinatal**  
Merujuk kepada kelahiran mati dan kematian bayi yang berumur kurang daripada satu minggu.
- iii. Kematian neonatal awal**  
Merujuk kepada kematian bayi yang berumur kurang daripada satu minggu.
- iv. Kematian neonatal akhir**  
Merujuk kepada kematian bayi yang berumur 7 hingga kurang daripada 28 hari.
- v. Kematian neonatal**  
Merujuk kepada kematian bayi yang berumur kurang daripada 28 hari.
- vi. Kematian bayi**  
Merujuk kepada kematian bayi yang berumur kurang daripada 1 tahun.
- vii. Kematian kanak-kanak**  
Merujuk kepada kematian kanak-kanak yang berumur 1 hingga 4 tahun.
- viii. Kematian kurang daripada 5 tahun**  
Merujuk kepada kematian bayi dan kanak-kanak yang berumur kurang daripada 5 tahun.
- ix. Kematian ibu bersalin**  
Merujuk kepada kematian seorang wanita ketika melahirkan anak atau 42 hari dalam tempoh selepas melahirkan anak atau keguguran akibat daripada proses kehamilan dan pengendaliannya atau penyakit-penyakit yang menjejaskan kesihatan ibu dan bukan daripada penyebab kemalangan atau kebetulan.

- x. Kematian penduduk umur 0–14 tahun**  
Merujuk kepada kematian penduduk yang berumur 0 hingga 14 tahun.
- xi. Kematian penduduk umur 15–40 tahun**  
Merujuk kepada kematian penduduk yang berumur 15 hingga 40 tahun.
- xii. Kematian penduduk umur 41–59 tahun**  
Merujuk kepada kematian penduduk yang berumur 41 hingga 59 tahun.
- xiii. Kematian penduduk berumur 60 tahun dan lebih**  
Merujuk kepada kematian penduduk yang berumur 60 tahun dan lebih.
- xiv. Kematian pramatang**  
Merujuk kepada kematian penduduk yang berumur 30 hingga 69 tahun.

## 10. FORMULA

### i. Kadar kematian kasar

$$= \frac{\text{Bilangan kematian dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun dalam tahun}_t} \times 1,000$$

### ii. Kadar kelahiran mati

$$= \frac{\text{Bilangan kelahiran mati dalam tahun}_t}{(\text{Bilangan kelahiran hidup} + \text{bilangan kelahiran mati}) \text{ dalam tahun}_t} \times 1,000$$

### iii. Kadar mortaliti perinatal

$$= \frac{(\text{Bilangan kematian umur kurang daripada 1 minggu} + \text{bilangan kelahiran mati}) \text{ dalam tahun}_t}{(\text{Bilangan kelahiran hidup} + \text{bilangan kelahiran mati}) \text{ dalam tahun}_t} \times 1,000$$

**iv. Kadar mortaliti neonatal awal**

$$= \frac{\text{Bilangan kematian umur kurang daripada 1 minggu dalam tahun}_t}{\text{Bilangan kelahiran hidup dalam tahun}_t} \times 1,000$$

**v. Kadar mortaliti neonatal akhir**

$$= \frac{\text{Bilangan kematian umur 7 hingga kurang daripada 28 hari dalam tahun}_t}{\text{Bilangan kelahiran hidup dalam tahun}_t} \times 1,000$$

**vi. Kadar mortaliti neonatal**

$$= \frac{\text{Bilangan kematian umur kurang daripada 28 hari dalam tahun}_t}{\text{Bilangan kelahiran hidup dalam tahun}_t} \times 1,000$$

**vii. Kadar mortaliti bayi**

$$= \frac{\text{Bilangan kematian umur kurang daripada 1 tahun dalam tahun}_t}{\text{Bilangan kelahiran hidup dalam tahun}_t} \times 1,000$$

**viii. Kadar mortaliti kanak-kanak**

$$= \frac{\text{Bilangan kematian umur 1–4 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun bagi umur 1–4 tahun dalam tahun}_t} \times 1,000$$

**ix. Kadar mortaliti kurang daripada 5 tahun**

$$= \frac{\text{Bilangan kematian berumur kurang daripada 5 tahun dalam tahun}_t}{\text{Bilangan kelahiran hidup dalam tahun}_t} \times 1,000$$

**x. Nisbah mortaliti ibu bersalin**

$$= \frac{\text{Bilangan kematian yang disebabkan oleh kesulitan semasa hamil atau semasa melahirkan anak atau kematian dalam tempoh 42 hari selepas bersalin dalam tahun}_t}{\text{Bilangan kelahiran hidup dalam tahun}_t} \times 100,000$$

**xi. Kadar mortaliti penduduk 0–14 tahun**

$$= \frac{\text{Bilangan kematian penduduk berumur 0–14 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 0–14 tahun dalam tahun}_t} \times 1,000$$

**xii. Kadar mortaliti penduduk 15–40 tahun**

$$= \frac{\text{Bilangan kematian penduduk berumur 15–40 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 15–40 tahun dalam tahun}_t} \times 1,000$$

**xiii. Kadar mortaliti penduduk 41–59 tahun**

$$= \frac{\text{Bilangan kematian penduduk berumur 41–59 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 41–59 tahun dalam tahun}_t} \times 1,000$$

**xiv. Kadar mortaliti penduduk 60 tahun dan lebih**

$$= \frac{\text{Bilangan kematian penduduk berumur 60 tahun dan lebih dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 60 tahun dan lebih tahun dalam tahun}_t} \times 1,000$$

**xv. Kadar mortaliti pramatang**

$$= \frac{\text{Bilangan kematian penduduk berumur 30 hingga 69 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun}_t} \times 1,000$$

**xvi. Kadar kematian berpunca daripada *Cardiovascular diseases***

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada *Cardiovascular diseases* yang berumur 30 hingga 69 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun}_t} \times 100,000$$

**xvii. Kadar kematian berpunca daripada *Cancer***

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada *Cancer* yang berumur 30 hingga 69 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun}_t} \times 100,000$$

**xviii. Kadar kematian berpunca daripada *Diabetes***

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada *Diabetes* yang berumur 30 hingga 69 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun}_t} \times 100,000$$

**xix. Kadar kematian berpunca daripada *Chronic respiratory diseases***

$$= \frac{\text{Bilangan kematian penduduk yang berpunca daripada *Chronic respiratory diseases* yang berumur 30 hingga 69 tahun dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun berumur 30 hingga 69 tahun dalam tahun}_t} \times 100,000$$

**xx. Kadar kematian bunuh diri**

$$= \frac{\text{Bilangan kematian bunuh diri dalam tahun}_t}{\text{Bilangan penduduk pertengahan tahun dalam tahun}_t} \times 100,000$$

**11. NOTA DAN SIMBOL**

- Tiada nilai/kosong/tiada kes
- 0.0 Kurang daripada setengah unit terkecil yang ditunjukkan
- W.P. Wilayah Persekutuan

# *TECHNICAL NOTES*



**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*



## 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, 10<sup>th</sup> Revision (ICD-10) published by the World Health Organization (2010).

## 2. DEATH INDICATORS

2.1 Death indicators are calculated using the current mid-year population estimates, live births and stillbirths. The death statistics cover the number of deaths as well as death rates that are compiled according to chapters namely total deaths in Malaysia, perinatal deaths, neonatal deaths, infant deaths, toddler deaths, under-5 deaths, maternal deaths, deaths of the population aged 0–14 year, deaths of the population aged 15–40 year, deaths of the population aged 41–59 year, deaths of the population aged of 60 year and over and premature deaths (30-69 year).

2.2 The demographic indicators that involved population data for 2020 to 2022 have been revised based on Population and Housing Census of Malaysia 2020. Meanwhile, the indicators for 2011 to 2019 are based on Population and Housing Census of Malaysia 2010 and will be revised later. Data for 2020 to 2022 have been updated based on the report on suicide cases from the Royal Malaysia Police.

## 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, 10<sup>th</sup> Revision (ICD-10). Not medically certified causes of death are coded based on Code Book for Uncertified Causes of Deaths Version 3 developed by the Department of Statistics, Malaysia as agreed by the Ministry of Health Malaysia, National Registration Department, Royal Malaysia Police and Kuala Lumpur City Hall.

## 8. SUSTAINABLE DEVELOPMENT GOALS (SDG)

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

The SDG contains 17 Goals, 169 Targets and 248 Indicators. The statistics on causes of death are part of the indicators listed in Goal 3: Ensure healthy lives and promote well-being for all at all ages. There are two related indicators which are indicator 3.4.1 and 3.4.2.

The concepts and definitions for SDG indicators are based on metadata published by United Nations (UN) and World Health Organization (WHO).

- i. Mortality rate attributed to Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases defined as the number of death per 100,000 population for population aged 30 to 69 years. The ICD-10 code for Cardiovascular diseases, Cancer, Diabetes and Chronic respiratory diseases are I00-I99, C00-C97, E10-E14 and J30-J98.
- ii. Suicide mortality rate is the number of suicide deaths per 100,000 population. The ICD-10 code for suicide are X60-X84 (Intentional Self-harm).

## 9. CONCEPTS

- i. **Stillbirths**  
Refer to births after 28 completed weeks or more of gestation without any sign of life during delivery.
- ii. **Perinatal deaths**  
Refer to stillbirths and death of infants aged less than one week.
- iii. **Early neonatal deaths**  
Refer to death of infants aged less than one week.
- iv. **Late neonatal deaths**  
Refer to death of infants aged 7 to less than 28 days.
- v. **Neonatal deaths**  
Refer to death of infants aged less than 28 days.

- vi. Infant deaths**  
Refer to death of infants aged less than 1 year.
- vii. Toddler deaths**  
Refer to death of toddlers aged 1 to 4 years.
- viii. Under-5 deaths**  
Refer to the death of infants and toddlers aged below 5 years.
- ix. Maternal deaths**  
Refers to deaths of a woman while pregnant or within 42 days after the termination of pregnancy, irrespective of the duration and site of the pregnancy, from any cause related to or aggravated by the pregnancy or its management but not from accidental causes.
- x. Deaths of population aged 0–14 years**  
Refer to deaths of the population aged 0 to 14 years.
- xi. Deaths of population aged 15–40 years**  
Refer to deaths of the population aged 15 to 40 years.
- xii. Deaths of population aged 41–59 years**  
Refer to deaths of the population aged 41 to 59 years.
- xiii. Deaths of population aged 60 years and over**  
Refer to deaths of the population aged 60 years and over.
- xiv. Premature deaths**  
Refer to deaths of the population aged 30 to 69 years.

## 10. FORMULA

### i. Crude Death Rate (CDR)

$$= \frac{\text{Number of deaths in year}_t}{\text{Number of mid-year population in year}_t} \times 1,000$$

### ii. Stillbirth Rate (SBR)

$$= \frac{\text{Number of stillbirths in year}_t}{(\text{Number of live births} + \text{number of stillbirths}) \text{ in year}_t} \times 1,000$$

**iii. Perinatal Mortality Rate (PMR)**

$$= \frac{\text{(Number of deaths under 1 week + number of stillbirths) in year}_t}{\text{(Number of live births + number of stillbirths) in year}_t} \times 1,000$$

**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)**

$$= \frac{\text{Number of deaths which are caused by complications of pregnancy, childbirth and the puerperium, within the period of 42 days after childbirth in year}_t}{\text{Number of live births in year}_t} \times 100,000$$

**xi. Mortality rate of population aged 0–14 years**

$$= \frac{\text{Number of deaths of population aged 0–14 years in year}_t}{\text{Number of mid-year population aged 0–14 years in year}_t} \times 1,000$$

**xii. Mortality rate of population aged 15–40 years**

$$= \frac{\text{Number of deaths of population aged 15–40 years in year}_t}{\text{Number of mid-year population aged 15–40 years in year}_t} \times 1,000$$

**xiii. Mortality rate of population aged 41–59 years**

$$= \frac{\text{Number of deaths of population aged 41–59 years in year}_t}{\text{Number of mid-year population aged 41–59 years in year}_t} \times 1,000$$

**xiv. Mortality rate of population aged 60 years and over**

$$= \frac{\text{Number of deaths of population aged 60 years and over in year}_t}{\text{Number of mid-year population aged 60 years and over in year}_t} \times 1,000$$

**xv. Premature mortality rate**

$$= \frac{\text{Number of deaths of population aged 30 to 69 years in year}_t}{\text{Number of mid-year population aged 30 to 69 years in year}_t} \times 1,000$$

**xvi. Mortality rate attributed to Cardiovascular diseases**

$$= \frac{\text{Number of deaths of population aged 30 to 69 years attributed to Cardiovascular diseases in year}_t}{\text{Number of mid-year population aged 30 to 69 years in year}_t} \times 100,000$$

**xvii. Mortality rate attributed to Cancer**

$$= \frac{\text{Number of deaths of population aged 30 to 69 years attributed to Cancer in year}_t}{\text{Number of mid-year population aged 30 to 69 years in year}_t} \times 100,000$$

**xviii. Mortality rate attributed to Diabetes**

$$= \frac{\text{Number of deaths of population aged 30 to 69 years attributed to Diabetes in year}_t}{\text{Number of mid-year population aged 30 to 69 years in year}_t} \times 100,000$$

**xix. Mortality rate attributed to Chronic respiratory diseases**

$$= \frac{\text{Number of deaths of population aged 30 to 69 years attributed to Chronic respiratory diseases in year}_t}{\text{Number of mid-year population aged 30 to 69 years in year}_t} \times 100,000$$

**xx. Suicide mortality rate**

$$= \frac{\text{Number of Suicide in year}_t}{\text{Number of mid-year population in year}_t} \times 100,000$$

**11. NOTES AND SYMBOLS**

- Nil/blank/no cases
- 0.0 Less than half smallest unit shown
- W.P. Federal Territory



# **LAMPIRAN** *APPENDICES*

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**Lampiran A : Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan**

Appendix A : Special tabulation list for medically certified causes of death

Mortality Tabulation List 1

General mortality

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
<b>1</b>	<b>Certain infectious and parasitic diseases</b>	<b>A00-B99</b>
2	<i>Cholera</i>	A00
3	<i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	A09
4	<i>Other intestinal infectious diseases</i>	A01-A08
5	<i>Respiratory tuberculosis</i>	A15-A16
6	<i>Other tuberculosis</i>	A17-A19
7	<i>Plague</i>	A20
8	<i>Tetanus</i>	A33-A35
9	<i>Diphtheria</i>	A36
10	<i>Whooping cough</i>	A37
11	<i>Meningococcal infection</i>	A39
12	<i>Septicaemia</i>	A40-A41
13	<i>Infections with a predominantly sexual mode of transmission</i>	A50-A64
14	<i>Acute poliomyelitis</i>	A80
15	<i>Rabies</i>	A82
16	<i>Yellow fever</i>	A95
17	<i>Other arthropod-borne viral fevers and viral haemorrhagic fevers</i>	A90-A94, A96-A99
18	<i>Measles</i>	B05
19	<i>Viral hepatitis</i>	B15-B19
20	<i>Human immunodeficiency virus (HIV) disease</i>	B20-B24

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
21	<i>Malaria</i>	B50-B54
22	<i>Leishmaniasis</i>	B55
23	<i>Trypanosomiasis</i>	B56-B57
24	<i>Schistosomiasis</i>	B65
25	<i>Remainder of certain infectious and parasitic diseases</i>	A21-A32, A38, A42-A49, A65-A79, A81, A83-A89, B00-B04, B06-B09, B25-B49, B58-B64, B66-B94, B99
<b>26</b>	<b>Neoplams</b>	<b>C00-D48</b>
27	<i>Malignant neoplasm of lip, oral cavity and pharynx</i>	C00-C14
28	<i>Malignant neoplasm of oesophagus</i>	C15
29	<i>Malignant neoplasm of stomach</i>	C16
30	<i>Malignant neoplasm of colon, rectum and anus</i>	C18-C21
31	<i>Malignant neoplasm of liver and intraphectic bile duct</i>	C22
32	<i>Malignant neoplasm of pancreas</i>	C25
33	<i>Malignant neoplasm of larynx</i>	C32
34	<i>Malignant neoplasm of trachea, bronchus and lung</i>	C33-C34
35	<i>Malignant neoplasm of skin</i>	C43
36	<i>Malignant neoplasm of breast</i>	C50
37	<i>Malignant neoplasm of cervix uteri</i>	C53
38	<i>Malignant neoplasm of other and unspecified parts of uterus</i>	C54-C55
39	<i>Malignant neoplasm of ovary</i>	C56

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
40	<i>Malignant neoplasm of prostate</i>	C61
41	<i>Malignant neoplasm of bladder</i>	C67
42	<i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	C70-C72
43	<i>Non-Hodgkin's lymphoma</i>	C83-C85
44	<i>Multiple myeloma and malignant plasma cell neoplasms</i>	C90
45	<i>Leukaemia</i>	C91-C95
46	<i>Remainder of malignant neoplasms</i>	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C66, C68-C69, C73-C81, C88, C96-C97
47	<i>Remainder of neoplasms</i>	D00-D48
<b>48</b>	<b><i>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i></b>	<b>D50-D89</b>
49	<i>Anaemias</i>	D50-D64
50	<i>Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	D65-D89
<b>51</b>	<b><i>Endocrine, nutritional and metabolic diseases</i></b>	<b>E00-E88</b>
52	<i>Diabetes mellitus</i>	E10-E14

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
53	<i>Malnutrition</i>	E40-E46
54	<i>Remainder of endocrine, nutritional and metabolic diseases</i>	E00-E07, E15-E34, E50-E88
<b>55</b>	<b><i>Mental and behavioural disorders</i></b>	<b>F01-F99</b>
56	<i>Mental and behavioural disorders due to psychoactive substance use</i>	F10-F19
57	<i>Remainder of mental and behavioural disorders</i>	F01-F09, F20-F99
<b>58</b>	<b><i>Diseases of the nervous system</i></b>	<b>G00-G98</b>
59	<i>Meningitis</i>	G00, G03
60	<i>Alzheimer's disease</i>	G30
61	<i>Remainder of diseases of the nervous system</i>	G04-G25, G31-G98
<b>62</b>	<b><i>Diseases of the eye and adnexa</i></b>	<b>H00-H57</b>
<b>63</b>	<b><i>Diseases of the ear and mastoid process</i></b>	<b>H60-H93</b>
<b>64</b>	<b><i>Diseases of the circulatory system</i></b>	<b>I00-I99</b>
65	<i>Acute rheumatic fever and chronic rheumatic heart diseases</i>	I00-I09
66	<i>Hypertensive diseases</i>	I10-I13
67	<i>Ischaemic heart diseases</i>	I20-I25
68	<i>Other heart diseases</i>	I26-I51
69	<i>Cerebrovascular diseases</i>	I60-I69
70	<i>Atherosclerosis</i>	I70
71	<i>Remainder of diseases of the circulatory system</i>	I71-I99
<b>72</b>	<b><i>Diseases of the respiratory system</i></b>	<b>J00-J98</b>
73	<i>Influenza</i>	J10-J11
74	<i>Pneumonia</i>	J12-J18
75	<i>Other acute lower respiratory infections</i>	J20-J22

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
76	<i>Chronic lower respiratory diseases</i>	J40-J47
77	<i>Remainder of diseases of the respiratory system</i>	J00-J06, J30- J39, J60-J98
<b>78</b>	<b><i>Diseases of the digestive system</i></b>	<b>K00-K92</b>
79	<i>Gastric and duodenal ulcer</i>	K25-K27
80	<i>Diseases of the liver</i>	K70-K76
81	<i>Remainder of diseases of the digestive system</i>	K00-K22, K28- K66, K80-K92
<b>82</b>	<b><i>Diseases of the skin and subcutaneous tissue</i></b>	<b>L00-L98</b>
<b>83</b>	<b><i>Diseases of the musculoskeletal system and connective tissue</i></b>	<b>M00-M99</b>
<b>84</b>	<b><i>Diseases of the genitourinary system</i></b>	<b>N00-N98</b>
85	<i>Glomerular and renal tubulo-interstitial diseases</i>	N00-N15
86	<i>Remainder of diseases of the genitourinary system</i>	N17-N98
<b>87</b>	<b><i>Pregnancy, childbirth and puerperium</i></b>	<b>O00-O99</b>
88	<i>Pregnancy with abortive outcome</i>	O00-O07
89	<i>Other direct obstetric deaths</i>	O10-O92
90	<i>Indirect obstetric deaths</i>	O98-O99
91	<i>Remainder of pregnancy, childbirth and the puerperium</i>	O95-O97
<b>92</b>	<b><i>Certain conditions originating in the perinatal period</i></b>	<b>P00-P96</b>
<b>93</b>	<b><i>Congenital malformations, deformations and chromosomal abnormalities</i></b>	<b>Q00-Q99</b>
<b>94</b>	<b><i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i></b>	<b>R00-R99</b>
<b>95</b>	<b><i>External causes of morbidity and mortality</i></b>	<b>V01-Y89</b>
96	<i>Transport accidents</i>	V01-V99
97	<i>Falls</i>	W00-W19
98	<i>Accidental drowning and submersion</i>	W65-W74

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
99	<i>Exposure to smoke, fire and flames</i>	X00-X09
100	<i>Accidental poisoning by and exposure to noxious substances</i>	X40-X49
101	<i>Intentional self-harm</i>	X60-X84
102	<i>Assault</i>	X85-Y09
103	<i>All other external causes</i>	W20-W64, W75-W99, X10- X39, X50-X59, Y10-Y89



**Lampiran B : Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan**

Appendix B : Special tabulation list for medically certified causes of death

Mortality Tabulation List 2

General mortality

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <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

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
21	<i>Leishmaniasis</i>	B55
22	<i>Trypanosomiasis</i>	B56-B57
23	<i>Schistosomiasis</i>	B65
24	<i>Remainder of certain infectious and parasitic diseases</i>	A21-A32, A38, A42-A49, A65-A79, A81, A83-A89, B00-B04, B06-B09, B25-B49, B58-B64, B66-B94, B99
25	<i>Malignant neoplasm of lip, oral cavity and pharynx</i>	C00-C14
26	<i>Malignant neoplasm of oesophagus</i>	C15
27	<i>Malignant neoplasm of stomach</i>	C16
25	<i>Malignant neoplasm of colon, rectum and anus</i>	C18-C21
29	<i>Malignant neoplasm of liver and intraphectic bile duct</i>	C22
30	<i>Malignant neoplasm of pancreas</i>	C25
31	<i>Malignant neoplasm of larynx</i>	C32
32	<i>Malignant neoplasm of trachea, bronchus and lung</i>	C33-C34
33	<i>Malignant neoplasm of skin</i>	C43
34	<i>Malignant neoplasm of breast</i>	C50
35	<i>Malignant neoplasm of cervix uteri</i>	C53
36	<i>Malignant neoplasm of other and unspecified parts of uterus</i>	C54-C55
37	<i>Malignant neoplasm of ovary</i>	C56
38	<i>Malignant neoplasm of prostate</i>	C61
39	<i>Malignant neoplasm of bladder</i>	C67

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
40	<i>Malignant neoplasm of meninges, brain and other parts of central nervous system</i>	C70-C72
41	<i>Non-Hodgkin's lymphoma</i>	C83-C85
42	<i>Multiple myeloma and malignant plasma cell neoplasms</i>	C90
43	<i>Leukaemia</i>	C91-C95
44	<i>Remainder of malignant neoplasms</i>	C17, C23-C24, C26-C31, C37-C41, C44-C49, C51-C52, C57-C60, C62-C66, C68-C69, C73-C81, C88, C96-C97
45	<i>Anaemias</i>	D50-D64
46	<i>Diabetes mellitus</i>	E10-E14
47	<i>Malnutrition</i>	E40-E46
48	<i>Mental and behavioural disorders due to psychoactive substance use</i>	F10-F19
49	<i>Meningitis</i>	G00, G03
50	<i>Alzheimer's disease</i>	G30
51	<i>Acute rheumatic fever and chronic rheumatic heart diseases</i>	I00-I09
52	<i>Hypertensive diseases</i>	I10-I13
53	<i>Ischaemic heart diseases</i>	I20-I25
54	<i>Other heart diseases</i>	I26-I51
55	<i>Cerebrovascular diseases</i>	I60-I69

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
56	<i>Atherosclerosis</i>	I70
57	<i>Remainder of diseases of the circulatory system</i>	I71-I99
58	<i>Influenza</i>	J10-J11
59	<i>Pneumonia</i>	J12-J18
60	<i>Other acute lower respiratory infections</i>	J20-J22
61	<i>Chronic lower respiratory diseases</i>	J40-J47
62	<i>Remainder of diseases of the respiratory system</i>	J00-J06, J30-J39, J60-J98
63	<i>Gastric and duodenal ulcer</i>	K25-K27
64	<i>Diseases of the liver</i>	K70-K76
65	<i>Glomerular and renal tubulo-interstitial diseases</i>	N00-N15
66	<i>Pregnancy with abortive outcome</i>	O00-O07
67	<i>Other direct obstetric deaths</i>	O10-O92
68	<i>Indirect obstetric deaths</i>	O98-O99
69	<i>Certain conditions originating in the perinatal period</i>	P00-P96
70	<i>Congenital malformations, deformations and chromosomal abnormalities</i>	Q00-Q99
71	<i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	R00-R99
72	<i>All other diseases</i>	D00-D48, D65-D89, E00-E07, E15-E34, E50-E88, F01-F09, F20-F99, G04-G25, G31-G98, H00-H93, K00-K22, K28-K66, K80-K92, L00-L98, M00-M99,

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
		N17-N98, O95- O97
73	<i>Transport accidents</i>	V01-V99
74	<i>Falls</i>	W00-W19
75	<i>Accidental drowning and submersion</i>	W65-W74
76	<i>Exposure to smoke, fire and flames</i>	X00-X09
77	<i>Accidental poisoning by and exposure to noxious substances</i>	X40-X49
78	<i>Intentional self-harm</i>	X60-X84
79	<i>Assault</i>	X85-Y09
80	<i>All other external causes</i>	W20-W64, W75-W99, X10- X39, X50-X59, Y10-Y89
81	SARS	U04

**Lampiran C : Senarai tabulasi khusus bagi sebab kematian yang disahkan secara perubatan**

Appendix C : Special tabulation list for medically certified causes of death

Mortality Tabulation List 3  
 Infant and child mortality

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
<b>1</b>	<b>Certain infectious and parasitic diseases</b>	<b>A00-B99</b>
2	<i>Diarrhoea and gastroenteritis of presumed infectious origin</i>	A09
3	<i>Other intestinal infectious diseases</i>	A00-A08
4	<i>Tuberculosis</i>	A15-A19
5	<i>Tetanus</i>	A33-A35
6	<i>Diphtheria</i>	A36
7	<i>Whooping cough</i>	A37
8	<i>Meningococcal infection</i>	A39
9	<i>Sepsis</i>	A40-A41
10	<i>Acute poliomyelitis</i>	A80
11	<i>Measles</i>	B05
12	<i>Human immunodeficiency virus (HIV) disease</i>	B20-B24
13	<i>Other viral diseases</i>	A81-B04, B06-B19, B25-B34,
14	<i>Malaria</i>	B50-B54
15	<i>Remainder of certain infectious and parasitic diseases</i>	A20-A32, A38, A42-A79, B35-B49, B58-B94, B99
<b>16</b>	<b>Neoplasms</b>	<b>C00-D48</b>
17	<i>Leukaemia</i>	C91-C95

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
18	<i>Remainder of malignant neoplasms</i>	C00-C90, C96-C97
<b>19</b>	<b><i>Remainder of neoplasms</i></b>	<b>D00-D48</b>
<b>20</b>	<b><i>Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i></b>	<b>D50-D89</b>
21	<i>Anaemias</i>	D50-D64
22	<i>Remainder of diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism</i>	D65-D89
<b>23</b>	<b><i>Endocrine, nutritional and metabolic diseases</i></b>	<b>E00-E88</b>
24	<i>Malnutrition and other nutritional deficiencies</i>	E40-E64
25	<i>Remainder of endocrine, nutritional and metabolic diseases</i>	E00-E34, E65- E88
<b>26</b>	<b><i>Diseases of the nervous system</i></b>	<b>G00-G98</b>
27	<i>Meningitis</i>	G00, G03
28	<i>Remainder of diseases of the nervous system</i>	G04-G98
<b>29</b>	<b><i>Diseases of the ear and mastoid process</i></b>	<b>H60-H93</b>
<b>30</b>	<b><i>Diseases of the circulatory system</i></b>	<b>I00-I99</b>
<b>31</b>	<b><i>Diseases of the respiratory system</i></b>	<b>J00-J98</b>
32	<i>Pneumonia</i>	J12-J18
33	<i>Other acute respiratory infections</i>	J00-J11, J20- J22
34	<i>Remainder of diseases of the respiratory system</i>	J30-J98
<b>35</b>	<b><i>Diseases of the digestive system</i></b>	<b>K00-K92</b>
<b>36</b>	<b><i>Diseases of the genitourinary system</i></b>	<b>N00-N98</b>
<b>37</b>	<b><i>Certain conditions originating in the perinatal period</i></b>	<b>P00-P96</b>

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
38	<i>Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery</i>	P00-P04
39	<i>Disorder relating to length of gestation and fetal growth</i>	P05-P08
40	<i>Birth trauma</i>	P10-P15
41	<i>Intrauterine hypoxia and birth asphyxia</i>	P20-P21
42	<i>Respiratory distress of newborn</i>	P22
43	<i>Congenital pneumonia</i>	P23
44	<i>Other respiratory conditions of newborn</i>	P24-P28
45	<i>Bacterial sepsis of newborn</i>	P36
46	<i>Omphalitis of newborn with or without mild haemorrhage</i>	P38
47	<i>Haemorrhagic and haematological disorders of fetus and newborn</i>	P50-P61
48	<i>Remainder of perinatal conditions</i>	P29, P35, P37, P39, P70-P96
<b>49</b>	<b><i>Congenital malformations, deformations and chromosomal abnormalities</i></b>	<b>Q00-Q99</b>
50	<i>Congenital hydrocephalus and spina bifida</i>	Q03-Q05
51	<i>Other congenital malformations of the nervous system</i>	Q00-Q02, Q04, Q06-Q07
52	<i>Congenital malformations of heart</i>	Q20-Q24
53	<i>Other congenital malformations of the circulatory system</i>	Q25-Q28
54	<i>Down's syndrome and other chromosomal abnormalities</i>	Q90-Q99
55	<i>Other congenital malformations</i>	Q10-Q18, Q30- Q89
<b>56</b>	<b><i>Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i></b>	<b>R00-R99</b>
57	<i>Sudden infant death syndrome</i>	R95



<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod ICD-10</b> <i>ICD-10 code</i>
58	<i>Other symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified</i>	R00-R94, R96-R99
<b>59</b>	<b><i>All other diseases</i></b>	<b>F01-F99, H00-H59, L00-L98, M00-M99</b>
<b>60</b>	<b><i>External causes of morbidity and mortality</i></b>	<b>V01-Y89</b>
61	<i>Transport accidents</i>	V01-V99
62	<i>Accidental drowning and submersion</i>	W65-W74
63	<i>Other accidental threats to breathing</i>	W75-W84
64	<i>Exposure to smoke, fire and flames</i>	X00-X09
65	<i>Accidental poisoning by and exposure to noxious substances</i>	X40-X49
66	<i>Assault</i>	X85-Y09
67	<i>All other external causes</i>	W20-W64, W85-W99, X10-X39, X50-X84, Y10-Y89

**Lampiran D : Kod kumpulan utama bagi sebab kematian yang tidak disahkan secara perubatan**

*Appendic D : Main group code for non-medically certified causes of death*

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod kumpulan utama</b> <i>Main group code</i>
<b>1</b>	<b>Penyakit berjangkit yang dinotifikasi dan jangkitan lain</b> <i>Infectious disease</i>	01
<b>2</b>	<b>Barah</b> <i>Cancer</i>	02
<b>3</b>	<b>Penyakit berkaitan darah dan organ pembentukan darah</b> <i>Diseases of the blood and blood-forming organs</i>	03
<b>4</b>	<b>Penyakit berkaitan endokrin, nutrisi dan metabolic</b> <i>Endocrine, nutritional and metabolic diseases</i>	04
<b>5</b>	<b>Gangguan mental dan tingkah laku</b> <i>Mental and behavioural disorders</i>	05
<b>6</b>	<b>Penyakit berkaitan sistem saraf</b> <i>Diseases of the nervous system</i>	06
<b>7</b>	<b>Penyakit berkaitan sistem peredaran darah</b> <i>Diseases of the circulatory system</i>	09
<b>8</b>	<b>Penyakit berkaitan sistem pernafasan</b> <i>Diseases of the respiratory system</i>	10
<b>9</b>	<b>Penyakit berkaitan sistem pencernaan</b> <i>Diseases of the digestive system</i>	11
<b>10</b>	<b>Penyakit berkaitan kulit dan tisu subkutaneus</b> <i>Diseases of the skin and subcutaneous tissue</i>	12
<b>11</b>	<b>Penyakit berkaitan sistem rangka otot dan tisu penghubung</b> <i>Diseases of the musculoskeletal system and connective tissue</i>	13
<b>12</b>	<b>Penyakit berkaitan sistem genitourinary</b> <i>Diseases of the genitourinary system</i>	14
<b>13</b>	<b>Kematian berkaitan kehamilan, semasa dan selepas bersalin</b>	15

<b>Bil.</b>	<b>Sebab kematian</b> <i>Causes of death</i>	<b>Kod kumpulan utama</b> <i>Main group code</i>
	<i>Maternal death related to pregnancy, childbirth and the puerperium</i>	
<b>14</b>	<b>Keadaan tertentu berpunca dalam tempoh perinatal</b> <i>Certain conditions originating in the perinatal period</i>	16
<b>15</b>	<b>Kecacatan, perubahan bentuk dan ketidaknormalan kromosom sejak lahir</b> <i>Congenital malformations, deformations and chromosomal abnormalities</i>	17
<b>16</b>	<b>Gejala-gejala, tanda-tanda dan penemuan yang tidak normal</b> <i>Symptoms, signs and abnormal findings</i>	18
<b>17</b>	<b>Sebab-sebab kematian yang berpunca dari faktor luar</b> <i>External causes of morbidity and mortality</i>	20

**Muka surat ini sengaja dibiarkan kosong**

*This page is deliberately left blank*

**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](mailto: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 : [jpkedah@dosm.gov.my](mailto:jpkedah@dosm.gov.my)

Pengarah,  
**Jabatan Perangkaan Malaysia, Negeri Kelantan,**  
Tingkat 8, Bangunan Persekutuan,  
Jalan Bayam,  
15114 Kota Bharu, Kelantan.  
Tel. : 09-741 9449  
Faks : 09-748 2142  
Emel : [jpkelantan@dosm.gov.my](mailto:jpkelantan@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 : [jpmelaka@dosm.gov.my](mailto:jpmelaka@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 : [jpnsembilan@dosm.gov.my](mailto:jpnsembilan@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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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 : [jpwpk@dosm.gov.my](mailto:jpwpk@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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:jpperak@dosm.gov.my)

Director,  
**Department of Statistics, Malaysia, Perlis,**  
26B, Aras 2, KPARC,  
01000 Kangar, Perlis.  
Tel. : 04-977 1221  
Fax : 04-977 1223/04-976 8950  
Email : [jpperlis@dosm.gov.my](mailto: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](mailto: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](mailto: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](mailto: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](mailto:Sarawak@dosm.gov.my)

Director,  
**Department of Statistics, Malaysia, Federal Territories,**  
14th & 15th Floor, Wisma FGV,  
Jalan Raja Laut,  
50350 Kuala Lumpur.  
Tel.: 03-2267 2400  
Fax : 03-2691 0639  
Email : [jpwpl@dosm.gov.my](mailto:jpwpl@dosm.gov.my)