

PETUNJUK KESIHATAN *HEALTH INDICATORS* 2023



ISI KANDUNGAN

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Negara menggembeng tenaga ke arah kesihatan yang lebih baik.

VISI KESIHATAN

MISI

KEMENTERIAN KESIHATAN

Misi Kementerian Kesihatan Malaysia adalah untuk menerajui dan berusaha bersama-sama:

- i. untuk memudahkan dan membolehkan rakyat:
 - mencapai sepenuhnya potensi mereka dalam kesihatan
 - menghargai kesihatan sebagai aset paling berharga
 - mengambil tanggungjawab dan tindakan positif demi kesihatan mereka
- ii. untuk memastikan sistem kesihatan berkualiti tinggi, iaitu:
 - mengutamakan pelanggan
 - saksama
 - tidak membebankan
 - cekap
 - wajar mengikut teknologi
 - boleh disesuaikan mengikut persekitaran
 - inovatif
- iii. dengan menekankan:
 - sifat penyayang, profesionalisme dan kerja berpasukan
 - sifat menghormati maruah insan
 - penglibatan masyarakat

*A nation working together
for better health.*

VISION OF HEALTH

MISSION OF MINISTRY OF HEALTH

***The mission of the Ministry
of Health is to lead and
work in partnership:***

-
- i. *to facilitate and support the people to:*
 - *attain fully their potential in health*
 - *appreciate health as a valuable asset*
 - *take individual responsibility and positive action for their health*
 - ii. *to ensure a high quality health system that is:*
 - *customer centred*
 - *equitable*
 - *affordable*
 - *efficient*
 - *technologically appropriate*
 - *environmentally adaptable*
 - *innovative*
 - iii. *with emphasis on:*
 - *professionalism, caring and teamwork value*
 - *respect for human dignity*
 - *community participation*

PENGENALAN: MATLAMAT PEMBANGUNAN MAMPAN (SDG)

MEMANTAU MATLAMAT PEMBANGUNAN LESTARI BERKAITAN KESIHATAN

Matlamat Pembangunan Mampan (SDG), yang diperkenalkan pada tahun 2015 oleh Perhimpunan Agung Pertubuhan Bangsa-Bangsa Bersatu (PBB), berperanan sebagai kerangka tindakan penting bagi negara dalam merangka dasar-dasar untuk memastikan masa depan mampan untuk rakyat. SDG merangkumi pelbagai cabaran pembangunan dalam dunia moden, termasuk yang berkaitan dengan ekonomi, sosial, politik, dan alam sekitar. Kesihatan menjadi satu daripada bidang keutamaan yang sangat penting dalam kerangka kerja SDG ini.

Matlamat SDG 3 yang memberikan tumpuan kepada kesihatan merupakan matlamat yang sangat meluas yang merangkumi tema dan objektif “*Ensure healthy lives and Promote Well Being for All at All Ages*”. Pengisytiharan SDG telah menetapkan peranan penting dalam mencapai Liputan Kesihatan Sejagat (*Universal Health Coverage-UHC*) dan menyediakan akses kepada penjagaan kesihatan berkualiti tinggi dalam usaha mencapai matlamat kesihatan menyeluruh serta menekankan bahawa tiada sesiapa yang ditinggalkan (*No one is left behind*).

Ini menempatkan UHC di tengah-tengah aspirasi kesihatan SDG 3 yang menjadikan SDG 3 sebagai penyumbang dan penerima manfaat pembangunan mampan disamping mewujudkan hubungan penting dengan semua sasaran SDG

yang lain. Secara kolektifnya, pencapaian SDG 3 bergantung pada kemajuan SDG yang lain, termasuklah pengurangan kemiskinan, pendidikan, pemakanan, kesaksamaan jantina, akses kepada air bersih dan sanitasi, tenaga mampan, dan pembangunan bandar yang lebih selamat.

Gambar rajah 1 : SDG 3 dan hubungan berkaitan kesihatan dengan SDG yang lain



MEMANTAU MATLAMAT PEMBANGUNAN MAMPAN BERKAITAN KESIHATAN DI PERINGKAT KEBANGSAAN

Kerajaan Malaysia melalui Kementerian Kesihatan Malaysia (KKM) secara spesifiknya amat komited untuk mencapai Matlamat Pembangunan Mampaan (SDG) dan Perlindungan Kesihatan Sejahtera (UHC). KKM yang diamanahkan dengan tanggungjawab bagi menyelia semua *output* berkaitan kesihatan penduduk negara juga ditugaskan untuk memantau SDG 3 yang memberi tumpuan kepada “Kesihatan dan Kesejahteraan Yang Baik”. Selain daripada SDG 3, terdapat juga matlamat lain yang berkaitan dengan kesihatan termasuklah Matlamat 1, 2, 5, 6, 7, 11, 16, dan 17.

Secara lebih spesifik, Sasaran 3.8 dalam SDG 3 adalah untuk menangani “Liputan Kesihatan Sejahtera (UHC)”. Penilaian sasaran ini meliputi faktor seperti perlindungan risiko kewangan, liputan perkhidmatan kesihatan, akses kepada perkhidmatan penjagaan kesihatan penting yang berkualiti, dan ketersediaan ubat dan vaksin penting yang selamat, berkesan, berkualiti dan berpatutan untuk semua. Pertubuhan Kesihatan Sedunia (WHO) turut menggariskan petunjuk tambahan untuk memudahkan pemantauan UHC bagi membolehkan negara anggota menjejaki kemajuan mereka ke arah mencapai matlamat penting ini sepertimana **Jadual 1**.

Jadual 1: Petunjuk Tambahan Liputan Kesihatan Sejahtera (Universal Health Coverage-UHC)

Target 3.8: Achieve universal health coverage, including financial risk protection, access to quality essential health-care services, medicines and vaccines for all

MDG unfinished and expanded agenda	New SDG3 targets	SDG 3 means of Implementation targets
3.1: Reduce maternal mortality	3.4: Reduce mortality from NCD and promote mental health	3.a: Strengthen implementation of framework convention on tobacco control
3.2: End preventable newborn and child deaths	3.5: Strengthen prevention and treatment of substance abuse	3.b: Provide access to medicines and vaccines for all, support R&D of vaccines and medicines for all
3.3: End the epidemics of HIV, TB, malaria and NTD and combat hepatitis, waterborne and other communicable diseases	3.6: Halve global deaths and injuries from road traffic accidents	3.c: Increase health financing and health workforce in developing countries
3.7: Ensure universal access to sexual and reproductive health-care services	3.9: Reduce deaths from hazardous chemicals and air, water and soil pollution and contamination	3.d: Strengthen capacity for early warning, risk reduction and management of health risks

Pemantauan bagi pelaksanaan Matlamat Pembangunan Mampaan (SDG) dan Perlindungan Kesihatan Sejahtera (UHC) di Malaysia adalah sangat penting. Ia berkisar keperluan untuk mengenal pasti isu dan cabaran yang muncul, serta merangka strategi dan hala tuju untuk memastikan kejayaan pencapaian sasaran SDG dan UHC bagi membolehkan perbandingan dibuat di peringkat tempatan dan antarabangsa.

Untuk mencapai objektif ini, adalah penting untuk mewujudkan sokongan dan kerjasama yang utuh dengan pihak berkepentingan, baik di dalam negara mahupun di luar. Malaysia telah pun mewujudkan struktur tadbir urus untuk Kesihatan dan SDG dan UHC Berkaitan Kesihatan di peringkat nasional dan peringkat sektor kesihatan.

PETUNJUK BAGI PEMANTAUAN DAN PENILAIAN STRATEGI DI PERINGKAT KEBANGSAAN

Petunjuk di dalam buku petunjuk kesihatan ini telah pun dikategorikan mengikut perkara-perkara seperti berikut:

- a) Petunjuk tahap pembangunan sosial dan sosio-ekonomi
- b) Petunjuk tahap kesihatan
- c) Petunjuk masalah kesihatan khusus
- d) Petunjuk kemajuan perkhidmatan kesihatan

Petunjuk ini mencerminkan kedudukan dalam negeri dan kaedah pengiraan petunjuk ini mungkin berbeza sedikit daripada yang biasa diguna oleh Pertubuhan Kesihatan Sedunia (WHO).

Walau bagaimanapun, kesemua petunjuk antarabangsa (selain daripada petunjuk yang berbentuk pernyataan dasar) boleh didapati dalam senarai petunjuk kebangsaan ini, sama ada dalam bentuk asal ataupun telah diubah suai.

Kebanyakan petunjuk ini diperincikan mengikut pecahan kawasan dan jantina.

Petunjuk ini harus digunakan bagi mengawasi dan menilai strategi-strategi pelaksanaan program-program kesihatan di peringkat operasi. Adalah penting bagi pengurus-pengurus program memberi maklum balas mengenai kesesuaian dan kegunaan petunjuk ini. Ini akan dapat membantu Kementerian dalam penilaian secara menyeluruh terhadap kemajuan ke arah strategi kebangsaan bagi *Health for All* (HFA).



INTRODUCTION: Sustainable Development Goals

Monitoring the Health-Related Sustainable Development Goals (SDGs)

The Sustainable Development Goals (SDGs), introduced by the United Nations General Assembly (UNGA) in 2015, serve as a crucial framework for countries to create policies aimed at securing a sustainable future for their populations. The SDGs address a wide range of development challenges in the modern world, including those related to the economy, society, politics, and the environment. Health is one of the most significant priority areas within the SDG framework.

SDG 3, which is dedicated to health, is notably comprehensive and encompasses the objective of “Ensuring healthy lives and promoting well-being for all at all ages.” The SDG declaration further underscores the vital role of achieving Universal Health Coverage (UHC) and ensuring access to high-quality healthcare in the realization of holistic health objectives, with a strong emphasis on leaving no one behind.

This firmly situates UHC at the core of SDG 3’s health aspirations and positions SDG 3 as both a contributor to and a beneficiary of the advantages of sustainable development. It also establishes critical connections with all other SDG targets. The achievement of SDG 3 is intrinsically linked to the progress made in other SDGs, including poverty reduction, education, nutrition, gender

equality, access to clean water and sanitation, sustainable energy, and the establishment of safer cities.

Diagram 1: SDG 3 and health-related linkages with the other SDGs



Monitoring Health-Related Sustainable Development Goals (SDGs) at National Level

The Ministry of Health (MOH), much like the Government of Malaysia, is committed to achieving the Sustainable Development Goals (SDGs) and Universal Health Coverage (UHC). The MOH, entrusted with the responsibility of overseeing the country's population health outcomes, is tasked with monitoring SDG 3, which focuses on "Good Health and Well-Being." Furthermore, there are other goals related to health, including Goals 1, 2, 5, 6, 7, 11, 16, and 17.

Target 3.8 within SDG 3 specifically addresses "Universal Health Coverage" (UHC). This target's assessment includes factors such as financial risk protection, health service coverage, access to quality essential healthcare services, and the availability of safe, effective, quality, and affordable essential medicines and vaccines for all. Consequently, the World Health Organization (WHO) has also provided additional indicators to facilitate the monitoring of UHC, enabling member countries to track their progress toward achieving this significant goal, as illustrated in the **Table 1**.

Table 1: Additional Indicator of Universal Health Coverage-UHC

Target 3.8: Achieve universal health coverage, including financial risk protection, access to quality essential health-care services, medicines and vaccines for all

MDG unfinished and expanded agenda	New SDG3 targets	SDG 3 means of Implementation targets
3.1: Reduce maternal mortality	3.4: Reduce mortality from NCD and promote mental health	3.a: Strengthen implementation of framework convention on tobacco control
3.2: End preventable newborn and child deaths	3.5: Strengthen prevention and treatment of substance abuse	3.b: Provide access to medicines and vaccines for all, support R&D of vaccines and medicines for all
3.3: End the epidemics of HIV, TB, malaria and NTD and combat hepatitis, waterborne and other communicable diseases	3.6: Halve global deaths and injuries from road traffic accidents	3.c: Increase health financing and health workforce in developing countries
3.7: Ensure universal access to sexual and reproductive health-care services	3.9: Reduce deaths from hazardous chemicals and air, water and soil pollution and contamination	3.d: Strengthen capacity for early warning, risk reduction and management of health risks

Monitoring the implementation of the Sustainable Development Goals (SDG) and Universal Health Coverage (UHC) in Malaysia is of utmost importance. This entails identifying emerging issues and challenges, as well as devising strategies and directions to ensure the successful attainment of SDG and UHC targets, allowing for local and international comparisons.

To accomplish this objective, it is crucial to establish robust support and collaborations with stakeholders, both within the country and externally. Malaysia has already established a governance structure for Health and Health-Related SDG and UHC at both the national and health sector levels.



THE INDICATORS FOR MONITORING AND EVALUATION OF THE NATIONAL STRATEGY

The indicators in the current issue of the monitoring and evaluation of strategy for Health For All have been categorised under the following:

- a) Social and socio-economic development status indicators*
- b) Health status indicators*
- c) Specific health problems indicators*
- d) Health services improvement indicators*

These indicators reflect the national scenario and the derivation and method of computation for some of these may differ slightly from WHO conventional formulae.

However, all the global indicators (other than those in the form of policy statements) are to be found in the national indicators either in their basic form or adaptations of these.

Where relevant, the indicators are disaggregated by geographical entities and sex.

These indicators should be used to monitor and evaluate strategies of implementation of health programmes at the operational level. It is of utmost importance that programme managers provide periodic feedback as to the validity and usefulness of these indicators. This will eventually assist the Ministry in the overall evaluation of progress made towards the national strategy Health for All (HFA).

NOTA KETERANGAN

1. Penggunaan data penduduk untuk pengiraan kadar

Pengiraan indikator nisbah/kadar peratus dalam laporan ini akan membabitkan jumlah penduduk merujuk kepada Anggaran Penduduk Semasa berasaskan Banci Penduduk dan Perumahan 2020 yang diterbitkan oleh Jabatan Perangkaan Malaysia (DOSM).

2. Indikator Demografi

2.1 Kadar mortaliti perinatal

Merujuk kepada kelahiran mati dan kematian bayi yang berumur kurang daripada 1 minggu kepada setiap 1,000 jumlah kelahiran.

2.2 Kadar kelahiran mati

Merujuk kepada kelahiran selepas kehamilan 28 minggu atau lebih yang tiada tanda bernyawa semasa kelahiran kepada setiap 1,000 jumlah kelahiran.

2.3 Kadar mortaliti neonatal

Merujuk kepada kematian bayi yang berumur kurang daripada 28 hari kepada setiap 1,000 kelahiran hidup.

2.4 Kadar mortaliti bayi

Merujuk kepada kematian bayi yang berumur kurang daripada 1 tahun kepada setiap 1,000 kelahiran hidup.

2.5 Kadar mortaliti kanak-kanak

Merujuk kepada kematian kanak-kanak yang berumur 1-4 tahun kepada setiap 1,000 jumlah penduduk berumur 1-4 tahun.

2.6 Kadar mortaliti kurang daripada 5 tahun

Merujuk kepada kematian bayi dan kanak-kanak yang berumur kurang daripada 5 tahun kepada setiap 1,000 kelahiran hidup.

2.7 Nisbah mortaliti ibu bersalin

Merujuk kepada kematian yang disebabkan oleh kesulitan semasa hamil atau semasa melahirkan anak atau kematian dalam tempoh 42 hari selepas bersalin kepada setiap 100,000 kelahiran hidup.

2.8 Jumlah nisbah tanggungan

Merujuk kepada nisbah bilangan penduduk yang berumur bawah 15 tahun dan yang berumur 65 tahun dan ke atas kepada bilangan penduduk yang berumur 15-64 tahun.

2.9 Nisbah jantina

Merujuk kepada bilangan lelaki bagi setiap 100 perempuan.

2.10 Jangkaan hayat ketika lahir

Merujuk kepada jangkaan purata bilangan tahun seseorang bayi yang baru lahir akan hidup dengan mengandaikan corak kadar kematian umur tertentu yang tetap.

3. Institusi Perubatan Khas

Merujuk kepada Pusat Kawalan Kusta Negara, Institut Perubatan Respiratori, Hospital Rehabilitasi, Institut Kanser Negara, Pusat Jantung Sarawak, Hospital Wanita dan Kanak-Kanak (2) dan Institusi Psikiatri (4).

4. Liputan Imunisasi

Pengiraan liputan bagi beberapa imunisasi yang terdapat dalam laporan ini menggunakan dua denominator yang berlainan:

- i. Kelahiran hidup yang diperoleh daripada Jabatan Perangkaan Malaysia (DOSM); dan
- ii. Kelahiran hidup yang dikumpul berpandukan kepada Manual Sistem Maklumat Tibi Kebangsaan (Edisi 2004), TBIS.

5. Nota dan simbol

P : Permulaan

e : Anggaran

n.a : Tidak diperoleh

- : Tidak berkaitan

DOSM : Jabatan Perangkaan Malaysia

TBIS : Sistem Maklumat Tibi Kebangsaan

W.P. : Wilayah Persekutuan

EXPLANATORY NOTES

1. The use of population data in the calculation of rate

Indicator ratio/rate/percentage in this report that involved total population refers to Current Population Estimates based on Population and Housing Census 2020 published by DOSM.

2. Demographic Indicators

2.1 Perinatal mortality rate

Refers to stillbirths and deaths of infants aged less than 1 week to per 1,000 total births.

2.2 Stillbirths rate

Refers to births after 28 completed weeks or more gestation without any sign of life during delivery per 1,000 total births.

2.3 Neonatal mortality rate

Refers to deaths of infants aged less than 28 days per 1,000 live births.

2.4 Infant mortality rate

Refers to deaths of infants aged less than 1 year per 1,000 live births.

2.5 Toddlers mortality rate

Refers to deaths of toddlers aged 1-4 years per 1,000 toddler population aged 1-4 years.

2.6 Under-5 mortality rate

Refers to deaths of infants and toddlers aged below 5 years per 1,000 live births.

2.7 Maternal mortality ratio

Refers to deaths which are caused by complications of pregnancy, childbirth and the puerperium, within the period of 42 days after childbirth per 100,000 live births.

2.8 Total dependency ratio

Refers to the ratio of the number of persons below the age of 15 years and the number of persons aged 65 years and above to the number of persons aged 15-64 years.

2.9 Sex ratio

Refers to the number of males per 100 females.

2.10 Life expectancy at birth

Refers to the expected average number of years a new born baby will live, assuming a fixed schedule of age specific mortality rates.

3. Special Medical Institutions

Refers to National Leprosy Control Centre, Institute of Respiratory Medicine, Rehabilitation Hospital, National Cancer Institute, Sarawak Heart Centre, Women and Children Hospital (2) and Psychiatric Institutions (4).

4. Immunisation coverage

The calculation of coverage for some immunisation in this report uses two different denominators:

- i. Live birth obtain from Departments of Statistics, Malaysia (DOSM);*
- ii. Live births collected based on the National Tuberculosis Information System Manual (Edition 2004), TBIS*

5. Note and symbols

P : Preliminary

e : Estimates

n.a : Not available

- : Not applicable

DOSM : Department of Statistics, Malaysia

TBIS : National Tuberculosis Information System

W.P. : Wilayah Persekutuan

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1

**PETUNJUK TAHAP PEMBANGUNAN SOSIAL
DAN SOSIO-EKONOMI**
*SOCIAL AND SOCIO-ECONOMIC
DEVELOPMENT STATUS INDICATORS*

JADUAL 1.1 : ENROLMEN PERINGKAT RENDAH (TAHUN 1 HINGGA 6) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2022

Table 1.1 : Enrolment at Primary Level (Year 1 to 6) in Government and Government-Aided Schools by Sex and State, Malaysia as of 30 June 2022

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Johor	170,042	161,163	331,205
Kedah	96,184	92,340	188,524
Kelantan	87,780	84,365	172,145
Melaka	44,411	41,858	86,269
Negeri Sembilan	56,120	52,736	108,856
Pahang	77,478	74,146	151,624
Perak	103,142	97,401	200,543
Perlis	12,551	11,702	24,253
Pulau Pinang	66,349	63,249	129,598
Sabah	151,118	141,423	292,541
Sarawak	121,663	113,656	235,319
Selangor	281,261	267,361	548,622
Terengganu	69,018	65,539	134,557
W.P. Kuala Lumpur	67,883	65,648	133,531
W.P. Labuan	5,152	4,773	9,925
W.P. Putrajaya	11,505	10,998	22,503
MALAYSIA	1,421,657	1,348,358	2,770,015

Nota/Notes:

Enrolmen Tahun 1 hingga Tahun 6 termasuk murid pendidikan khas Program Pendidikan Khas Integrasi (PPKI)
Enrolment in Year 1 to Year 6 include pupils in Special Education Intergration Programme (SEIP)

Termasuk enrolmen Tahun 4 hingga 6 di Sekolah Model Khas dan Sekolah Sukan
Including enrolment in Year 4 to 6 in Special Model Schools and Sports Schools

SUMBER : KEMENTERIAN PENDIDIKAN MALAYSIA

Source : Ministry of Education Malaysia

JADUAL 1.2 : ENROLMEN PERINGKAT MENENGAH RENDAH (TINGKATAN 3) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2022

Table 1.2 : Enrolment at Lower Secondary Level (Form 3) in Government and Government-Aided School by Sex and State, Malaysia as of 30 June 2022

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Johor	23,520	23,393	46,913
Kedah	14,026	14,059	28,085
Kelantan	10,684	10,976	21,660
Melaka	6,042	5,999	12,041
Negeri Sembilan	8,298	8,061	16,359
Pahang	9,694	9,712	19,406
Perak	15,849	15,308	31,157
Perlis	1,820	1,790	3,610
Pulau Pinang	9,619	9,523	19,142
Sabah	19,967	19,609	39,576
Sarawak	18,910	18,287	37,197
Selangor	35,931	36,133	72,064
Terengganu	9,390	9,542	18,932
W.P. Kuala Lumpur	8,520	8,299	16,819
W.P. Labuan	651	640	1,291
W.P. Putrajaya	1,174	1,026	2,200
MALAYSIA	194,095	192,357	386,452

Nota/Notes:

Enrolmen di peringkat menengah rendah termasuk murid pendidikan khas Program Pendidikan Khas Integrasi (PPKI)

Enrolment in lower secondary level includes pupils in Special Education Integration Programme (SEIP)

Termasuk enrolmen Sekolah Model Khas, Sekolah Sukan, Sekolah Bimbingan Jalinan Kasih dan Sekolah Seni
Including enrolment in Special Model Schools, Sports School, Bimbingan Jalinan Kasih Schools and Art Schools

SUMBER : KEMENTERIAN PENDIDIKAN MALAYSIA

Source : Ministry of Education Malaysia.

JADUAL 1.3 : ENROLMEN PERINGKAT MENENGAH ATAS (TINGKATAN 5) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2022

Table 1.3 : Enrolment at Upper Secondary Level (Form 5) in Government and Government-Aided School by Sex and State, Malaysia as of 30 June 2022

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Johor	22,134	22,401	44,535
Kedah	13,003	13,744	26,747
Kelantan	10,523	11,006	21,529
Melaka	5,762	5,868	11,630
Negeri Sembilan	7,920	7,988	15,908
Pahang	9,491	9,468	18,959
Perak	15,147	15,346	30,493
Perlis	1,802	1,785	3,587
Pulau Pinang	9,250	9,311	18,561
Sabah	18,608	18,820	37,428
Sarawak	17,710	17,774	35,484
Selangor	33,027	33,919	66,946
Terengganu	8,491	9,207	17,698
W.P. Kuala Lumpur	7,898	7,941	15,839
W.P. Labuan	624	550	1,174
W.P. Putrajaya	927	771	1,698
MALAYSIA	182,317	185,899	368,216

Nota/Note:

Termasuk enrolmen Sekolah Model Khas, Sekolah Sukan, Sekolah Bimbingan Jalinan Kasih dan Sekolah Seni
Including enrolment in Special Model Schools, Sports School, Bimbingan Jalinan Kasih Schools and Art Schools

SUMBER : KEMENTERIAN PENDIDIKAN MALAYSIA

Source : Ministry of Education Malaysia.

JADUAL 1.4 : KELUARAN DALAM NEGERI KASAR, PENDAPATAN NEGARA KASAR DAN ANGGARAN PENDUDUK, MALAYSIA, 2022**Table 1.4 : Gross Domestic Product, Gross National Income and Population Estimates, Malaysia, 2022**

Keluaran Dalam Negeri Kasar (KDNK) (Harga Malar 2015 (Dalam Juta) <i>Gross Domestic Product (GDP) (Constant 2015 Prices) (In Million)</i>	1,510,939
KDNK Per Kapita (Harga Malar 2015) <i>GDP Per Capita (Constant 2015 Prices)</i>	46,209
Pendapatan Negara Kasar (Harga Semasa) (Dalam Juta) <i>Gross National Income (Current Prices) (In Million)</i>	1,731,944
Pendapatan Per Kapita (Harga Semasa) <i>Income Per Capita (Current Prices)</i>	53,043
Anggaran Penduduk Semasa ('000) <i>Current Population Estimates ('000)</i>	32,698.1

SUMBER : JABATAN PERANGKAAAN MALAYSIA*Source : Department of Statistics, Malaysia*

JADUAL 1.5 : KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2017- 2022**Table 1.5 : Annual Population Growth Rate, Malaysia, 2017 - 2022**

TAHUN Year	JUMLAH Total	LELAKI Male	PEREMPUAN Female
2017	1.22	1.19	1.25
2018	1.12	1.07	1.16
2019	0.43	0.26	0.62
2020	1.70	1.80	1.50
2021	0.40	0.20	0.60
2022	0.40	0.20	0.50

Nota/Notes:

2017-2019 : Anggaran Penduduk Semasa Pertengahan Tahun berasaskan Banci Penduduk dan Perumahan Malaysia 2010

2017-2019 : Mid Year Population Estimated based on Population and Housing Census of Malaysia 2010

2020 : Banci Penduduk dan Perumahan Malaysia 2020

2020 : Population and Housing Census of Malaysia 2020

2021-2022 : Anggaran Penduduk Semasa Pertengahan Tahun berasaskan Banci Penduduk dan Perumahan Malaysia 2020

2021-2022 : Mid Year Population Estimated based on Population and Housing Census of Malaysia 2020

Hasil tambah mungkin berbeza kerana pembundaran

The added total may differ due to rounding

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 1.6 : PENDUDUK MENGIKUT JANTINA, STRATA DAN NEGERI, MALAYSIA, 2022^e

Table 1.6 : Population by Sex, Strata and State, Malaysia, 2022^e

NEGERI State	PENDUDUK Population (‘000)			PENDUDUK BANDAR Urban Population (‘000)		PENDUDUK LUAR BANDAR Rural Population (‘000)	
	JUMLAH Total	LELAKI Male	PEREMPUAN Female	BILANGAN Number	PERATUS Percentage	BILANGAN Number	PERATUS Percentage
Johor	4,028.3	2,138.2	1,890.0	3,158.4	78.4	869.8	21.6
Kedah	2,163.1	1,101.2	1,061.9	1,467.8	67.9	695.3	32.1
Kelantan	1,830.6	918.5	912.0	813.8	44.5	1,016.8	55.5
Melaka	1,008.6	528.8	479.8	924.5	91.7	84.1	8.3
Negeri Sembilan	1,207.9	625.1	582.7	844.0	69.9	363.8	30.1
Pahang	1,614.3	853.0	761.2	859.2	53.2	755.1	46.8
Perak	2,514.4	1,304.6	1,209.9	1,822.2	72.5	692.2	27.5
Perlis	289.8	144.6	145.2	157.5	54.3	132.3	45.7
Pulau Pinang	1,740.9	891.0	849.9	1,616.1	92.8	124.8	7.2
Sabah	3,414.9	1,779.1	1,635.9	1,869.2	54.7	1,545.8	45.3
Sarawak	2,473.5	1,276.1	1,197.4	1,426.5	57.7	1,047.0	42.3
Selangor	7,050.3	3,724.3	3,326.0	6,797.3	96.4	253.0	3.6
Terengganu	1,186.6	607.1	579.5	773.5	65.2	413.1	34.8
W.P. Kuala Lumpur	1,961.2	1,040.8	920.3	1,961.2	100.0	-	-
W.P. Labuan	96.9	49.8	47.0	87.1	89.9	9.8	10.1
W.P. Putrajaya	117.0	57.6	59.4	117.0	100.0	-	-
MALAYSIA	32,698.1	17,039.8	15,658.3	24,695.2	75.5	8,003.0	24.5

Nota/Notes:

Hasil tambah mungkin berbeza kerana pembundaran
The added total may differ due to rounding

^e Anggaran Penduduk Semasa Pertengahan Tahun berasaskan Banci Penduduk dan Perumahan Malaysia 2020

^e Mid Year Population Estimated based on Population and Housing Census of Malaysia 2020

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 1.7 : PERATUSAN PENDUDUK MENGIKUT KUMPULAN UMUR, JUMLAH NISBAH TANGGUNGAN DAN NISBAH JANTINA MENGIKUT NEGERI, MALAYSIA, 2022

Table 1.7 : Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2022

NEGERI State	PERATUSAN PENDUDUK MENGIKUT KUMPULAN UMUR Percentage of Population by Age Group			JUMLAH NISBAH TANGGUNGAN Total Dependency Ratio	NISBAH JANTINA (LELAKI BAGI 100 PEREMPUAN) Sex Ratio (Males per 100 Females)
	0 - 14 TAHUN Years	15 - 64 TAHUN Years	65 TAHUN & KE ATAS Years & Above		
Johor	23.1	70.2	6.7	42.5	113
Kedah	24.7	66.8	8.5	49.7	104
Kelantan	29.4	63.9	6.7	56.6	101
Melaka	23.3	70.1	6.6	42.7	110
Negeri Sembilan	24.8	67.9	7.3	47.3	107
Pahang	25.5	67.9	6.6	47.3	112
Perak	22.5	68.0	9.5	47.0	108
Perlis	19.9	72.1	8.0	38.7	100
Pulau Pinang	19.3	73.3	7.4	36.5	105
Sabah	25.1	69.0	5.9	44.8	109
Sarawak	21.1	70.9	8.0	41.0	107
Selangor	21.5	71.0	7.5	40.8	112
Terengganu	28.4	65.8	5.8	51.9	105
W.P. Kuala Lumpur	18.9	74.3	6.8	34.6	113
W.P. Labuan	27.2	68.1	4.7	46.7	106
W.P. Putrajaya	37.1	61.3	1.6	63.0	97
MALAYSIA	23.2	69.6	7.2	43.7	109

Nota/Notes:

Anggaran Penduduk Semasa Pertengahan Tahun berasaskan Banci Penduduk dan Perumahan Malaysia 2020
Mid Year Population Estimated based on Population and Housing Census of Malaysia 2020

Hasil tambah mungkin berbeza kerana pembundaran
The added total may differ due to rounding

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 1.8 : KADAR LITERASI¹ MENGIKUT KUMPULAN UMUR DAN JANTINA, MALAYSIA, 2013 - 2022

Table 1.8 : Literacy Rate¹ by Age Group and Sex, Malaysia, 2013 - 2022

TAHUN Year	BERUMUR 10 TAHUN DAN KE ATAS Aged 10 Years and Above			BERUMUR 15 TAHUN DAN KE ATAS Aged 15 Years and Above		
	JUMLAH Total %	LELAKI Male %	PEREMPUAN Female %	JUMLAH Total %	LELAKI Male %	PEREMPUAN Female %
2013	95.2	97.0	93.3	94.6	96.7	92.5
2014	95.7	97.4	94.0	95.2	97.1	93.3
2015	95.6	97.3	94.0	95.1	97.0	93.2
2016	96.0	97.5	94.6	95.6	97.2	94.0
2017	96.3	97.7	94.8	95.9	97.5	94.2
2018	96.3	97.6	94.9	95.9	97.4	94.4
2019	96.4	97.6	95.1	96.0	97.4	94.6
2020	96.6	97.7	95.5	96.3	97.5	95.1
2021	96.7	97.7	95.6	96.4	97.5	95.2
2022	96.8	97.7	95.9	96.5	97.5	95.5

Nota/Note:

¹ Kadar literasi dikira berdasarkan proksi penduduk dalam Survei Tenaga Buruh berumur 10 tahun dan lebih serta 15 tahun dan lebih yang bersekolah atau tamat persekolahan (pendidikan rasmi).

Angka penduduk adalah berasaskan Survei Tenaga Buruh dan tidak termasuk bukan warganegara Malaysia.

¹ The literacy rate is calculated based on the proxy of the population of the Labour Force Survey, aged 10 and over and 15 years and over who are schooling or has completed schooling (formal education)
Population figures are derived from the Labour Force Survey and excludes non-Malaysian citizens.

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 1.9 : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2013 - 2022

Table 1.9 : Life Expectancy at Birth by Sex, Malaysia, 2013 - 2022

TAHUN Year	LELAKI Male (Tahun/Years)	PEREMPUAN Female (Tahun/Years)
2013	72.3	76.9
2014	72.4	77.0
2015	72.5	77.1
2016	72.1	77.0
2017	72.1	77.1
2018	72.3	77.2
2019 ^r	72.5	77.4
2020	72.5	77.2
2021	71.8	76.5
2022 ^p	71.5	76.4

Nota/Notes:

^p Permulaan/*Preliminary*

^r Disemak/*Revised*

SUMBER : JABATAN PERANGKAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 1.10 : KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN, MALAYSIA, 2012 - 2021

Table 1.10 : Live Births by Birth Weight, Malaysia, 2012 - 2021

TAHUN Year	KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN Live Births by Birth Weight							
	DI BAWAH 2.5 KG Under 2.5 kg		2.5 KG DAN LEBIH 2.5 kg and over		TIDAK DIKETAHUI Unknown		JUMLAH Total	
	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%
2012	58,531	11.13	465,127	88.43	2,354	0.45	526,012	100.00
2013	57,474	11.41	445,067	88.32	1,373	0.27	503,914	100.00
2014	59,359	11.23	468,134	88.56	1,119	0.21	528,612	100.00
2015	60,101	11.53	460,201	88.31	834	0.16	521,136	100.00
2016	57,975	11.41	449,506	88.45	722	0.14	508,203	100.00
2017	59,456	11.69	448,686	88.21	543	0.11	508,685	100.00
2018	59,086	11.77	442,394	88.14	465	0.09	501,945	100.00
2019 ^r	59,329	12.11	430,009	87.78	525	0.11	489,863	100.00
2020 ^r	55,333	11.74	415,860	88.20	311	0.07	471,504	100.00
2021	53,578	12.18	385,951	87.77	215	0.05	439,744	100.00

Nota/Note:

^r Disemak/Revised

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia



2

PETUNJUK TAHAP KESIHATAN *HEALTH STATUS INDICATORS*

JADUAL 2.1 : KEMATIAN PERINATAL (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2020 - 2021

Table 2.1 : Perinatal Deaths (Number and Rate*) by State and Sex, Malaysia, 2020 - 2021

NEGERI State	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate
Johor	456	8.0	260	8.8	196	7.1	431	8.6	237	9.2	194	8.0
Kedah	252	7.4	148	8.4	104	6.4	256	7.7	138	8.1	118	7.3
Kelantan	302	8.3	181	9.7	121	6.9	331	9.5	202	11.2	129	7.6
Melaka	119	8.6	69	9.7	50	7.4	107	8.1	64	9.3	43	6.7
Negeri Sembilan	139	8.1	72	8.1	67	8.1	114	6.8	59	6.7	55	6.8
Pahang	175	6.9	91	7.0	84	6.8	192	7.8	101	8.0	91	7.6
Perak	275	8.7	150	9.1	125	8.3	244	7.9	137	8.7	107	7.1
Perlis	43	10.5	22	10.5	21	10.5	29	7.1	18	8.3	11	5.7
Pulau Pinang	154	7.8	81	8.0	73	7.7	149	8.0	84	8.8	65	7.1
Sabah	572	11.5	303	11.7	269	11.4	510	12.2	266	12.2	244	12.1
Sarawak	271	7.6	159	8.6	112	6.6	213	6.8	110	6.8	103	6.7
Selangor	663	7.1	366	7.6	297	6.6	634	7.0	361	7.7	273	6.3
Terengganu	209	7.7	111	7.9	98	7.5	221	8.4	111	8.1	110	8.6
W.P. Kuala Lumpur	148	6.4	67	5.5	81	7.3	164	7.8	86	7.8	78	7.7
W.P. Labuan	16	9.3	8	9.4	8	9.3	11	7.2	8	10.6	3	3.9
W.P. Putrajaya	16	7.5	6	5.6	10	9.3	22	10.4	13	11.8	9	8.8
MALAYSIA	3,810	8.0	2,094	8.6	1,716	7.6	3,628	8.2	1,995	8.7	1,633	7.6

Nota/Note:

* Kadar Kematian adalah bagi setiap 1,000 kelahiran/*Mortality Rate is per 1,000 births*

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.2 : KELAHIRAN MATI (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2020 - 2021

Table 2.2 : Stillbirths (Number and Rate*) by State and Sex, Malaysia, 2020 - 2021

NEGERI State	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate
Johor	270	4.7	161	5.5	109	3.9	259	5.2	139	5.4	120	4.9
Kedah	155	4.6	90	5.1	65	4.0	138	4.2	78	4.6	60	3.7
Kelantan	198	5.4	119	6.3	79	4.5	202	5.8	115	6.4	87	5.1
Melaka	65	4.7	35	4.9	30	4.4	60	4.5	37	5.4	23	3.6
Negeri Sembilan	90	5.2	44	4.9	46	5.6	60	3.6	26	3.0	34	4.2
Pahang	113	4.4	58	4.4	55	4.4	107	4.3	54	4.3	53	4.4
Perak	168	5.3	92	5.6	76	5.0	147	4.7	78	4.9	69	4.6
Perlis	24	5.8	11	5.2	13	6.5	13	3.2	11	5.1	2	1.0
Pulau Pinang	100	5.1	50	4.9	50	5.3	98	5.2	56	5.9	42	4.6
Sabah	354	7.1	185	7.1	169	7.1	324	7.7	172	7.9	152	7.5
Sarawak	187	5.2	98	5.3	89	5.2	137	4.4	66	4.1	71	4.6
Selangor	453	4.8	248	5.1	205	4.5	426	4.7	246	5.2	180	4.1
Terengganu	115	4.2	57	4.0	58	4.4	119	4.5	58	4.2	61	4.8
W.P. Kuala Lumpur	105	4.5	41	3.4	64	5.7	110	5.2	52	4.7	58	5.7
W.P. Labuan	7	4.1	4	4.7	3	3.5	4	2.6	2	2.6	2	2.6
W.P. Putrajaya	9	4.2	4	3.7	5	4.7	15	7.1	10	9.1	5	4.9
MALAYSIA	2,413	5.1	1,297	5.3	1,116	4.9	2,219	5.0	1,200	5.3	1,019	4.8

Nota/Note:

* Kadar Kematian adalah bagi setiap 1,000 kelahiran/*Mortality Rate is per 1,000 births*

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.3 : KEMATIAN NEONATAL (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2020 - 2021

Table 2.3 : Neonatal Deaths (Number and Rate*) by State and Sex, Malaysia, 2020 - 2021

NEGERI State	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate
Johor	239	4.2	130	4.4	109	4.0	221	4.4	125	4.9	96	4.0
Kedah	126	3.7	73	4.2	53	3.2	146	4.4	78	4.6	68	4.2
Kelantan	145	4.0	87	4.6	58	3.3	181	5.2	111	6.2	70	4.1
Melaka	66	4.8	40	5.6	26	3.9	62	4.7	31	4.6	31	4.9
Negeri Sembilan	70	4.1	40	4.5	30	3.6	72	4.3	41	4.7	31	3.8
Pahang	88	3.5	42	3.2	46	3.7	109	4.4	64	5.1	45	3.8
Perak	145	4.6	82	5.0	63	4.2	130	4.2	74	4.7	56	3.7
Perlis	27	6.6	17	8.1	10	5.0	21	5.2	8	3.7	13	6.7
Pulau Pinang	70	3.6	40	3.9	30	3.2	66	3.6	35	3.7	31	3.4
Sabah	282	5.7	150	5.8	132	5.6	232	5.6	117	5.4	115	5.7
Sarawak	122	3.4	78	4.2	44	2.6	97	3.1	55	3.4	42	2.8
Selangor	280	3.0	164	3.4	116	2.6	264	2.9	143	3.1	121	2.8
Terengganu	107	3.9	62	4.4	45	3.4	127	4.8	66	4.8	61	4.8
W.P. Kuala Lumpur	57	2.5	32	2.6	25	2.3	74	3.5	48	4.4	26	2.6
W.P. Labuan	9	5.3	4	4.7	5	5.8	8	5.3	7	9.3	1	1.3
W.P. Putrajaya	9	4.2	3	2.8	6	5.6	8	3.8	4	3.7	4	3.9
MALAYSIA	1,842	3.9	1,044	4.3	798	3.5	1,818	4.1	1,007	4.4	811	3.8

Nota/Note:

* Kadar Kematian adalah bagi setiap 1,000 kelahiran hidup/*Mortality Rate is per 1,000 live births*

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.4 : KEMATIAN BAYI (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2020 - 2021

Table 2.4 : Infant Deaths (Number and Rate*) by State and Sex, Malaysia, 2020 - 2021

NEGERI State	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate
Johor	354	6.2	195	6.6	159	5.8	343	6.9	191	7.4	152	6.3
Kedah	173	5.1	100	5.7	73	4.5	203	6.1	110	6.5	93	5.8
Kelantan	215	5.9	127	6.8	88	5.0	249	7.2	145	8.1	104	6.2
Melaka	89	6.4	51	7.1	38	5.7	94	7.1	50	7.3	44	6.9
Negeri Sembilan	104	6.1	56	6.3	48	5.8	111	6.6	52	6.0	59	7.3
Pahang	148	5.8	79	6.1	69	5.6	148	6.0	78	6.2	70	5.9
Perak	203	6.4	115	7.0	88	5.8	192	6.2	104	6.6	88	5.8
Perlis	35	8.5	22	10.5	13	6.5	31	7.6	12	5.6	19	9.9
Pulau Pinang	102	5.2	55	5.4	47	5.0	100	5.4	57	6.0	43	4.7
Sabah	471	9.5	254	9.8	217	9.2	374	9.0	196	9.1	178	8.9
Sarawak	204	5.8	123	6.7	81	4.8	152	4.9	81	5.0	71	4.7
Selangor	427	4.6	241	5.0	186	4.1	402	4.5	217	4.7	185	4.3
Terengganu	157	5.8	88	6.2	69	5.3	167	6.3	86	6.3	81	6.4
W.P. Kuala Lumpur	92	4.0	49	4.0	43	3.9	116	5.5	68	6.2	48	4.8
W.P. Labuan	13	7.6	5	5.9	8	9.3	9	5.9	8	10.6	1	1.3
W.P. Putrajaya	14	6.5	6	5.6	8	7.5	13	6.2	8	7.3	5	4.9
MALAYSIA	2,801	5.9	1,566	6.4	1,235	5.4	2,704	6.1	1,463	6.4	1,241	5.8

Nota/Note:

* Kadar Kematian adalah bagi setiap 1,000 kelahiran hidup/*Mortality Rate is per 1,000 live births*

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.5 : KEMATIAN KANAK-KANAK 1 - 4 TAHUN (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2020 - 2021

Table 2.5 : Toddler Deaths 1 - 4 years (Number and Rate*) by State and Sex, Malaysia, 2020 - 2021

NEGERI State	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate
Johor	58	0.2	30	0.2	28	0.2	59	0.2	26	0.2	33	0.3
Kedah	45	0.3	24	0.3	21	0.3	28	0.2	18	0.2	10	0.1
Kelantan	50	0.4	25	0.4	25	0.4	36	0.3	21	0.3	15	0.2
Melaka	21	0.3	13	0.4	8	0.2	14	0.2	7	0.2	7	0.2
Negeri Sembilan	24	0.3	14	0.3	10	0.3	14	0.2	8	0.2	6	0.2
Pahang	31	0.3	13	0.2	18	0.3	25	0.2	14	0.3	11	0.2
Perak	43	0.3	28	0.4	15	0.2	28	0.2	15	0.2	13	0.2
Perlis	8	0.5	2	0.3	6	0.8	8	0.5	5	0.6	3	0.4
Pulau Pinang	20	0.2	10	0.2	10	0.2	15	0.2	8	0.2	7	0.2
Sabah	139	0.6	81	0.6	58	0.5	125	0.5	65	0.5	60	0.5
Sarawak	53	0.4	28	0.4	25	0.4	43	0.4	23	0.4	20	0.3
Selangor	94	0.2	52	0.2	42	0.2	94	0.2	52	0.2	42	0.2
Terengganu	31	0.4	19	0.4	12	0.3	32	0.4	22	0.5	10	0.2
W.P. Kuala Lumpur	19	0.2	11	0.2	8	0.2	14	0.1	7	0.1	7	0.1
W.P. Labuan	3	0.4	3	0.7	0	0	6	0.7	4	0.9	2	0.5
W.P. Putrajaya	2	0.2	0	0	2	0.4	0	0	0	0	0	0
MALAYSIA	641	0.3	353	0.3	288	0.3	541	0.3	295	0.3	246	0.3

Nota/Note:

* Kadar Kematian adalah bagi setiap 1,000 penduduk berumur 1 - 4 tahun/*Mortality Rate is per 1,000 population aged 1 - 4 years*

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.6 : KEMATIAN KURANG DARIPADA 5 TAHUN (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2020 - 2021

Table 2.6 : Under-5 Mortality (Number and Rate*) by State and Sex, Malaysia, 2020 - 2021

NEGERI State	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate
Johor	412	7.2	225	7.7	187	6.8	402	8.0	217	8.4	185	7.6
Kedah	218	6.4	124	7.1	94	5.8	231	7.0	128	7.5	103	6.4
Kelantan	265	7.3	152	8.1	113	6.4	285	8.2	166	9.3	119	7.0
Melaka	110	7.9	64	9.0	46	6.8	108	8.2	57	8.4	51	8.0
Negeri Sembilan	128	7.5	70	7.9	58	7.0	125	7.5	60	6.9	65	8.1
Pahang	179	7.1	92	7.1	87	7.1	173	7.1	92	7.3	81	6.8
Perak	246	7.8	143	8.7	103	6.8	220	7.1	119	7.6	101	6.7
Perlis	43	10.5	24	11.4	19	9.5	39	9.6	17	7.9	22	11.4
Pulau Pinang	122	6.2	65	6.4	57	6.0	115	6.2	65	6.8	50	5.5
Sabah	610	12.3	335	12.9	275	11.6	499	12.0	261	12.1	238	11.9
Sarawak	257	7.2	151	8.2	106	6.2	195	6.2	104	6.5	91	6.0
Selangor	521	5.6	293	6.1	228	5.0	496	5.5	269	5.8	227	5.2
Terengganu	188	6.9	107	7.6	81	6.2	199	7.6	108	7.9	91	7.2
W.P. Kuala Lumpur	111	4.8	60	5.0	51	4.6	130	6.2	75	6.8	55	5.5
W.P. Labuan	16	9.3	8	9.4	8	9.3	15	9.9	12	15.9	3	3.9
W.P. Putrajaya	16	7.5	6	5.6	10	9.3	13	6.2	8	7.3	5	4.9
MALAYSIA	3,442	7.3	1,919	7.9	1,523	6.7	3,245	7.4	1,758	7.7	1,487	7.0

Nota/Note:

* Kadar Kematian adalah bagi setiap 1,000 kelahiran hidup/*Mortality Rate is per 1,000 live births*

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.7 : KEMATIAN IBU BERSALIN (BILANGAN DAN NISBAH*) MENGIKUT NEGERI, MALAYSIA, 2020 - 2021

Table 2.7 : Maternal Deaths (Number and Ratio*) by State, Malaysia, 2020 - 2021

NEGERI State	2020		2021	
	BILANGAN Number	NISBAH Ratio	BILANGAN Number	NISBAH Ratio
Johor	11	19.3	32	64.0
Kedah	1	3.0	27	81.7
Kelantan	13	35.8	26	74.8
Melaka	3	21.7	10	75.8
Negeri Sembilan	7	40.9	14	83.4
Pahang	6	23.7	5	20.4
Perak	6	19.0	20	64.9
Perlis	1	24.4	0	0.0
Pulau Pinang	7	35.6	20	107.7
Sabah	18	36.3	28	67.3
Sarawak	7	19.7	12	38.4
Selangor	23	24.6	80	88.8
Terengganu	6	22.1	8	30.4
W.P. Kuala Lumpur	7	30.2	12	57.0
W.P. Labuan	1	58	5	328.5
W.P. Putrajaya	0	0.0	1	47.5
MALAYSIA	117	24.8	300	68.2

Nota/Note:

* Nisbah Kematian bagi setiap 100,000 kelahiran hidup/*Mortality Ratio for per 100,000 live births*

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.8 : KEMATIAN (BILANGAN DAN KADAR)* MENGIKUT KUMPULAN UMUR TERTENTU, MALAYSIA, 2020 - 2021

Table 2.8 : Deaths (Number and Rate)* by Specific Age Groups, Malaysia, 2020 - 2021

KUMPULAN UMUR Age Group	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	KEMATIAN Deaths	KADAR Rate	KEMATIAN Deaths	KADAR Rate	KEMATIAN Deaths	KADAR Rate	KEMATIAN Deaths	KADAR Rate	KEMATIAN Deaths	KADAR Rate	KEMATIAN Deaths	KADAR Rate
< 1	2,801	6.2	1,566	6.8	1,235	5.6	2,704	6.0	1,463	6.3	1,241	5.7
1 – 4	641	0.3	353	0.3	288	0.3	541	0.3	295	0.3	246	0.3
5 – 9	337	0.1	186	0.1	151	0.1	369	0.1	227	0.2	142	0.1
10 – 14	509	0.2	329	0.2	180	0.1	501	0.2	281	0.2	220	0.2
15 – 19	1,202	0.4	911	0.6	291	0.2	1,247	0.4	912	0.6	335	0.3
20 – 24	1,781	0.6	1,294	0.8	487	0.4	2,064	0.7	1,508	1.0	556	0.4
25 – 29	2,166	0.7	1,535	1.0	631	0.5	2,965	1.0	1,991	1.3	974	0.8
30 – 34	2,882	1.0	1,988	1.3	894	0.7	4,082	1.4	2,709	1.8	1,373	1.0
35 – 39	4,060	1.5	2,751	1.9	1,309	1.0	6,089	2.2	3,947	2.7	2,142	1.6
40 – 44	5,515	2.5	3,756	3.2	1,759	1.7	8,362	3.7	5,362	4.4	3,000	2.8
45 – 49	7,434	4.0	4,977	5.2	2,457	2.8	11,289	6.0	7,204	7.5	4,085	4.5
50 – 54	10,425	6.6	6,834	8.5	3,591	4.6	14,712	9.2	9,268	11.4	5,444	6.9
55 – 59	13,923	9.5	9,002	12.1	4,921	6.9	19,425	13.3	12,225	16.6	7,200	10.0
60 – 64	17,087	14.8	10,842	18.8	6,245	10.9	24,016	19.9	14,734	24.3	9,282	15.4
65 – 69	19,089	20.8	11,713	25.6	7,376	16.0	26,426	27.8	15,878	33.7	10,548	22.0
70 – 74	20,179	33.0	11,901	40.0	8,278	26.4	26,953	41.8	15,642	49.9	11,311	34.1
75 – 79	18,630	56.6	10,296	65.8	8,334	48.2	24,155	68.3	13,200	79.2	10,955	58.6
80 – 84	18,699	96.1	8,993	100.9	9,706	92.0	22,991	114.3	11,075	120.4	11,916	109.1
85 dan lebih/ <i>and over</i>	19,610	141.6	7,371	110.8	12,239	170.1	25,678	184.7	9,903	145.8	15,775	221.8
JUMLAH/Total	166,970	5.1	96,598	5.7	70,372	4.5	224,569	6.9	127,824	7.5	96,745	6.2

Nota/Note:

* Kadar Kematian bagi setiap 1,000 penduduk/*Mortality Rate for per 1,000 population*

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.9 : KEMATIAN DAN KADAR KEMATIAN KASAR* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2020 - 2021

Table 2.9 : Deaths and Crude Death Rate* by State and Sex, Malaysia, 2020 - 2021

NEGERI State	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate
Johor	20,646	5.1	12,194	5.7	8,452	4.5	26,951	6.7	15,549	7.3	11,402	6.1
Kedah	13,671	6.4	7,694	7.1	5,977	5.7	18,457	8.6	10,068	9.2	8,389	7.9
Kelantan	10,928	6.1	6,236	6.9	4,692	5.3	13,926	7.7	7,605	8.4	6,321	7.0
Melaka	5,444	5.5	3,072	5.9	2,372	5.0	7,083	7.1	3,921	7.4	3,162	6.6
Negeri Sembilan	7,011	5.8	4,051	6.5	2,960	5.1	9,165	7.6	5,206	8.3	3,959	6.8
Pahang	8,686	5.5	5,175	6.1	3,511	4.7	10,366	6.5	6,109	7.2	4,257	5.6
Perak	17,946	7.2	10,173	7.8	7,773	6.5	21,303	8.5	12,022	9.2	9,281	7.7
Perlis	1,950	6.8	1,073	7.5	877	6.2	2,234	7.8	1,244	8.7	990	6.9
Pulau Pinang	10,701	6.1	6,035	6.8	4,666	5.5	13,978	8.0	7,781	8.7	6,197	7.3
Sabah	14,868	4.3	8,818	5.0	6,050	3.7	18,873	5.5	10,791	6.1	8,082	4.9
Sarawak	14,114	5.8	8,227	6.5	5,887	5.0	17,596	7.1	10,209	8.0	7,387	6.2
Selangor	25,405	3.6	14,856	4.0	10,549	3.2	42,051	6.0	24,531	6.6	17,520	5.3
Terengganu	6,736	5.9	3,881	6.6	2,855	5.1	8,469	7.2	4,645	7.8	3,824	6.7
W.P. Kuala Lumpur	8,334	4.2	4,812	4.5	3,522	3.8	13,334	6.8	7,689	7.4	5,645	6.1
W.P. Labuan	319	3.4	183	3.7	136	2.9	517	5.4	300	6.1	217	4.7
W.P. Putrajaya	211	1.9	118	2.2	93	1.7	266	2.3	154	2.7	112	1.9
MALAYSIA	166,970	5.1	96,598	5.7	70,372	4.5	224,569	6.9	127,824	7.5	96,745	6.2

Nota/Note:

* Setiap 1,000 penduduk/per 1,000 population

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.10 : KELAHIRAN HIDUP DAN KADAR KELAHIRAN KASAR* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2020 - 2021

Table 2.10 : Live Births and Crude Birth Rate* by State and Sex, Malaysia, 2020 - 2021

NEGERI State	2020						2021					
	JUMLAH Total		LELAKI Male		PEREMPUAN Female		JUMLAH Total		LELAKI Male		PEREMPUAN Female	
	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate	BILANGAN Number	KADAR Rate
Johor	56,908	14.2	29,379	13.7	27,529	14.7	49,990	12.4	25,708	12.0	24,282	12.9
Kedah	33,828	15.9	17,516	16.1	16,312	15.6	33,040	15.4	17,032	15.5	16,008	15.2
Kelantan	36,275	20.2	18,739	20.8	17,536	19.6	34,764	19.2	17,868	19.6	16,896	18.7
Melaka	13,855	13.9	7,139	13.6	6,716	14.2	13,192	13.1	6,812	12.9	6,380	13.4
Negeri Sembilan	17,120	14.3	8,880	14.2	8,240	14.3	16,777	13.9	8,723	14.0	8,054	13.9
Pahang	25,344	15.9	13,032	15.4	12,312	16.5	24,507	15.3	12,624	14.9	11,883	15.8
Perak	31,582	12.7	16,472	12.7	15,110	12.6	30,816	12.2	15,758	12.0	15,058	12.5
Perlis	4,101	14.4	2,104	14.8	1,997	14.0	4,076	14.2	2,148	15.0	1,928	13.4
Pulau Pinang	19,645	11.3	10,188	11.4	9,457	11.2	18,571	10.7	9,510	10.7	9,061	10.7
Sabah	49,587	14.5	25,952	14.6	23,635	14.4	41,608	12.2	21,544	12.1	20,064	12.3
Sarawak	35,449	14.4	18,440	14.5	17,009	14.4	31,274	12.7	16,062	12.6	15,212	12.8
Selangor	93,577	13.4	48,318	13.0	45,259	13.8	90,118	12.8	46,638	12.6	43,480	13.2
Terengganu	27,177	23.6	14,118	24.0	13,059	23.3	26,337	22.5	13,632	22.8	12,705	22.2
W.P. Kuala Lumpur	23,199	11.7	12,113	11.4	11,086	12.0	21,046	10.7	10,992	10.5	10,054	10.9
W.P. Labuan	1,714	18.0	851	17.4	863	18.7	1,522	15.9	755	15.3	767	16.5
W.P. Putrajaya	2,143	19.6	1,073	20.0	1,070	19.2	2,106	18.3	1,090	19.2	1,016	17.4
MALAYSIA	471,504	14.5	244,314	14.4	227,190	14.7	439,744	13.5	226,896	13.3	212,848	13.7

Nota/Note:

* Setiap 1,000 penduduk/per 1,000 population

SUMBER : JABATAN PERANGKAAAN MALAYSIA

Source : Department of Statistics, Malaysia

JADUAL 2.11 : KADAR KESUBURAN JUMLAH, MALAYSIA, 2011 - 2021**Table 2.11 : Total Fertility Rate, Malaysia, 2011 - 2021**

TAHUN Year	KADAR KESUBURAN JUMLAH (SETIAP PEREMPUAN BERUMUR 15 - 49 TAHUN) Total Fertility Rate (Per Female Aged 15 - 49 Years)
2011	2.2
2012	2.2
2013	2.0
2014	2.1
2015	2.0
2016	1.9
2017	1.9
2018	1.8
2019	1.8
2020	1.8
2021	1.7

SUMBER : JABATAN PERANGKAAN MALAYSIA*Source : Department of Statistics, Malaysia*

JADUAL 2.12 : KADAR TIDAK HADIR KERJA DI INDUSTRI-INDUSTRI DISEBABKAN OLEH KESAKITAN ATAU KECEDERAAN, MALAYSIA, 2019 - 2022

Table 2.12 : Industrial Absenteeism Rate from Work due to Illness or Injury, Malaysia, 2019 - 2022

PERKARA Subject	2019	2020	2021¹	2022¹
1. Bilangan Pekerja Aktif PERKESO ('000) <i>Number of SOCSO's Active Employees ('000)</i>	7,200	7,114	8,719	9,221
2. Jumlah Kehilangan Hari Kerja Disebabkan Oleh Penyakit/Kemalangan Industri ('000) <i>Total Number of Man Days Lost Due to Illness/Industrial Accidents ('000)</i>	4,023	3,565	2,363	3,033
3. Kadar Kehilangan Hari Kerja Bagi Setiap 1,000 Tenaga Bekerja <i>Rate of Man Days Lost Per 1,000 Work Force</i>	559	501	271	329

Nota/Note:

¹ Termasuk pekerja tempatan dan pekerja asing

¹ Including local and foreign employees

SUMBER : PERTUBUHAN KESELAMATAN SOSIAL MALAYSIA (PERKESO)

Source : Social Security Organisation Malaysia (SOCSO)



3

PETUNJUK MASALAH KESIHATAN KHUSUS *SPECIFIC HEALTH PROBLEM INDICATORS*

**JADUAL 3.1 (A) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
PENYAKIT BAWAAN AIR DAN MAKANAN**

**Table 3.1 (A) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022:
Food and Water Borne Diseases**

NEGERI State	KOLERA Cholera		DISENTERI Dysentery	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	0	0	5	0.12
Kedah	0	0	1	0.05
Kelantan	0	0	4	0.22
Melaka	0	0	2	0.20
Negeri Sembilan	0	0	13	1.08
Pahang	0	0	27	1.67
Perak	0	0	34	1.35
Perlis	0	0	0	0
Pulau Pinang	0	0	2	0.12
Sabah	7	0.21	7	0.21
Sarawak	0	0	7	0.28
Selangor	0	0	109	1.55
Terengganu	0	0	1	0.08
W.P. Kuala Lumpur ¹	1	0.05	42	2.03
W.P.Labuan	0	0	0	0
MALAYSIA	8	0.02	254	0.78

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

JADUAL 3.1 (A) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: PENYAKIT BAWAAN AIR DAN MAKANAN (SAMB.)

Table 3.1 (A) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022: Food and Water Borne Diseases (Cont'd)

NEGERI State	KERACUNAN MAKANAN Food Poisoning		TIFOID DAN PARATIFOID Typhoid And Paratyphoid	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	1,374	34.16	3	0.07
Kedah	966	44.50	4	0.18
Kelantan	911	49.80	39	2.13
Melaka	801	79.49	4	0.40
Negeri Sembilan	675	55.83	1	0.08
Pahang	707	43.84	1	0.06
Perak	1,056	41.88	4	0.16
Perlis	207	71.43	0	0
Pulau Pinang	722	41.53	1	0.06
Sabah	2,003	59.07	16	0.47
Sarawak	495	20.03	7	0.28
Selangor	2,705	38.43	9	0.13
Terengganu	1,008	84.92	0	0
W.P. Kuala Lumpur ¹	561	27.16	4	0.19
W.P.Labuan	102	105.37	0	0
MALAYSIA	14,293	43.77	93	0.28

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* Incidence Rate per 100,000 population

¹ Termasuk W.P. Putrajaya

¹ Includes W.P. Putrajaya

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

**JADUAL 3.1 (B) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
PENYAKIT BAWAAN VEKTOR**

**Table 3.1 (B) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022:
Vector Borne Diseases**

NEGERI State	DEMAM DENGGI <i>Dengue Fever</i>		DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>		CHIKUNGUNYA	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Johor	4,214	104.76	10	0.25	4	0.10
Kedah	1,458	67.16	3	0.14	35	1.61
Kelantan	1,223	66.86	4	0.22	39	2.13
Melaka	662	65.69	3	0.30	9	0.89
Negeri Sembilan	2,050	169.56	3	0.25	80	6.62
Pahang	974	60.40	2	0.12	4	0.25
Perak	1,381	54.76	3	0.12	18	0.71
Perlis	160	55.21	1	0.35	0	0
Pulau Pinang	1,618	93.06	3	0.17	122	7.02
Sabah	7,092	209.15	18	0.53	0	0
Sarawak	666	26.95	5	0.20	6	0.24
Selangor	37,502	532.84	40	0.57	240	3.41
Terengganu	245	20.64	1	0.08	1	0.08
W.P. Kuala Lumpur ¹	6,714	325.05	19	0.92	256	12.39
W.P.Labuan	28	28.93	0	0	0	0.00
MALAYSIA	65,987	202.09	115	0.35	814	2.49

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

**JADUAL 3.1 (B) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
PENYAKIT BAWAAN VEKTOR (SAMB.)**

**Table 3.1 (B) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022:
Vector Borne Diseases (Cont'd)**

NEGERI State	MALARIA Malaria		TIFUS Typhus		FILARIASIS	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	52	1.29	0	0	8	0.20
Kedah	21	0.97	0	0	3	0.14
Kelantan	163	8.91	1	0.05	0	0
Melaka	2	0.20	1	0.10	0	0
Negeri Sembilan	35	2.89	1	0.08	13	1.08
Pahang	82	5.09	0	0	28	1.74
Perak	84	3.33	3	0.12	6	0.24
Perlis	2	0.69	0	0	0	0
Pulau Pinang	7	0.40	0	0	0	0
Sabah	1,516	44.71	1	0.03	139	4.10
Sarawak	738	29.87	0	0	67	2.71
Selangor	50	0.71	7	0.10	0	0
Terengganu	32	2.70	0	0	3	0.25
W.P. Kuala Lumpur ¹	23	1.11	0	0	0	0
W.P.Labuan	0	0	0	0	0	0
MALAYSIA	2,807	8.60	14	0.04	267	0.82

Nota/Notes:

- * Kadar Kejadian bagi setiap 100,000 penduduk/*Incidence Rate per 100,000 population*
- ¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*
- Tiada kejadian kes dilaporkan bagi Penyakit *Plague, Relapsing Fever, Yellow Fever* dan *Zika Virus Infections* pada tahun 2022
- *No incidence of cases were reported fo Plague, Relapsing Fever, Yellow Fever and Zika Virus Infections in 2022*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

**JADUAL 3.1 (C) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
PENYAKIT CEGAHAN VAKSIN**

**Table 3.1 (C) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022:
Vaccine Preventable Diseases**

NEGERI State	DIPHTHERIA		CAMPAK Measles		PERTUSIS Pertusis	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	0	0	16	0.40	1	0.02
Kedah	0	0	5	0.23	2	0.09
Kelantan	0	0	21	1.15	2	0.11
Melaka	0	0	16	1.59	4	0.40
Negeri Sembilan	0	0	11	0.91	2	0.17
Pahang	1	0.06	12	0.74	0	0
Perak	0	0	10	0.40	1	0.04
Perlis	0	0	0	0	1	0.35
Pulau Pinang	0	0	2	0.12	0	0
Sabah	8	0.24	6	0.18	35	1.03
Sarawak	0	0	5	0.20	1	0.04
Selangor	0	0	67	0.95	45	0.64
Terengganu	0	0	12	1.01	3	0.25
W.P. Kuala Lumpur ¹	0	0	24	1.16	4	0.19
W.P.Labuan	0	0	2	2.07	0	0
MALAYSIA	9	0.03	209	0.64	101	0.31

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

**JADUAL 3.1 (C) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
PENYAKIT CEGAHAN VAKSIN (SAMB.)**

**Table 3.1 (C) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022:
Vaccine Preventable Diseases (Cont'd)**

NEGERI State	TETANUS NEONATORUM Neonatal Tetanus		LAIN-LAIN TETANUS Others Tetanus	
	BILANGAN KES No. of Cases	KADAR KEJADIAN** Incidence Rate**	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	0	0	0	0
Kedah	0	0	2	0.09
Kelantan	0	0	0	0
Melaka	0	0	0	0
Negeri Sembilan	0	0	0	0
Pahang	0	0	0	0
Perak	0	0	1	0.04
Perlis	0	0	0	0
Pulau Pinang	0	0	0	0
Sabah	13	0.38	15	0.44
Sarawak	0	0	0	0
Selangor	0	0	0	0
Terengganu	0	0	2	0.17
W.P. Kuala Lumpur ¹	0	0	0	0
W.P.Labuan	0	0	0	0
MALAYSIA	13	0.04	20	0.06

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

** Kadar Kejadian bagi setiap 1,000 Kelahiran Hidup

** *Incidence Rate per 1,000 Live Births*

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : *Disease Control Division, Ministry of Health*

**JADUAL 3.1 (D) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
JANGKITAN TRANSMISI SECARA SEKSUAL**

**Table 3.1 (D) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022:
Sexually Transmitted Infections**

NEGERI State	CHANCROID		GONORRHEA		SIFILIS Syphilis	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	0	0	149	3.70	484	12.03
Kedah	0	0	77	3.55	185	8.52
Kelantan	0	0	47	2.57	95	5.19
Melaka	0	0	72	7.14	216	21.43
Negeri Sembilan	0	0	40	3.31	113	9.35
Pahang	0	0	81	5.02	79	4.90
Perak	0	0	50	1.98	285	11.30
Perlis	0	0	5	1.73	9	3.11
Pulau Pinang	0	0	74	4.26	455	26.17
Sabah	0	0	277	8.17	304	8.97
Sarawak	0	0	456	18.45	673	27.24
Selangor	0	0	300	4.26	1,161	16.50
Terengganu	0	0	24	2.02	73	6.15
W.P. Kuala Lumpur ¹	0	0	159	7.70	523	25.32
W.P.Labuan	0	0	8	8.26	14	14.46
MALAYSIA	0	0	1,819	5.57	4,669	14.30

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

JADUAL 3.1 (D) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: JANGKITAN TRANSMISI SECARA SEKSUAL (SAMB.)

Table 3.1 (D) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022: Sexually Transmitted Infections (Cont'd)

NEGERI State	AIDS		HIV	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	271	6.74	219	5.44
Kedah	58	2.67	110	5.07
Kelantan	47	2.57	118	6.45
Melaka	73	7.24	74	7.34
Negeri Sembilan	23	1.90	95	7.86
Pahang	27	1.67	128	7.94
Perak	75	2.97	148	5.87
Perlis	12	4.14	18	6.21
Pulau Pinang	34	1.96	246	14.15
Sabah	70	2.06	314	9.26
Sarawak	235	9.51	226	9.15
Selangor	137	1.95	996	14.15
Terengganu	23	1.94	92	7.75
W.P. Kuala Lumpur ¹	126	6.10	380	18.40
W.P.Labuan	0	0.00	13	13.43
MALAYSIA	1,211	3.71	3,177	9.73

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

**JADUAL 3.1 (E) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
TIBI DAN KUSTA**

**Table 3.1 (E) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022:
Tuberculosis and Leprosy**

NEGERI State	TIBI Tuberculosis		KUSTA Leprosy	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN** Incidence Rate**
Johor	1,885	46.86	6	0.16
Kedah	1,408	64.86	7	0.09
Kelantan	1,074	58.71	7	0.26
Melaka	509	50.51	2	0.11
Negeri Sembilan	596	49.30	3	0.27
Pahang	866	53.71	39	2.20
Perak	1,303	51.67	5	0.16
Perlis	141	48.65	0	0
Pulau Pinang	1,198	68.91	4	0.23
Sabah	5,598	165.09	68	1.75
Sarawak	2,892	117.04	12	0.43
Selangor	5,239	74.44	16	0.18
Terengganu	611	51.47	6	0.31
W.P. Kuala Lumpur ¹	1,954	94.60	6	0.27
W.P.Labuan	117	120.87	2	2.00
MALAYSIA	25,391	77.76	183	0.51

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

** Pengiraan Kadar Insiden bagi Penyakit *Leprosy* adalah berdasarkan kes baharu
Incidence Rate derived based on new cases

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

JADUAL 3.1 (F) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: ZONOSIS

Table 3.1 (F) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022: Zoonosis

NEGERI State	PENYAKIT TANGAN, KAKI DAN MULUT Hand, Foot and Mouth Diseases (HFMD)		LEPTOSPIROSIS		PENYAKIT ANJING GILA Rabies	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	9,579	238.12	137	3.41	0	0
Kedah	7,275	335.11	243	11.19	0	0
Kelantan	7,724	422.24	561	30.67	0	0
Melaka	7,574	751.61	57	5.66	0	0
Negeri Sembilan	6,965	576.10	184	15.22	0	0
Pahang	5,286	327.81	109	6.76	0	0
Perak	14,708	583.26	277	10.98	0	0
Perlis	2,115	729.81	20	6.90	0	0
Pulau Pinang	6,882	395.84	85	4.89	0	0
Sabah	11,515	339.59	111	3.27	0	0
Sarawak	13,389	541.87	459	18.58	14	0.57
Selangor	38,455	546.38	528	7.50	2	0.03
Terengganu	2,312	194.78	145	12.22	0	0
W.P. Kuala Lumpur ¹	14,514	702.69	62	3.00	0	0
W.P.Labuan	1,285	1,327.48	0	0.00	0	0
MALAYSIA	149,578	458.10	2,978	9.12	16	0.05

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

JADUAL 3.1 (G) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: VIRAL HEPATITIS

Table 3.1 (G) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022: Viral Hepatitis

NEGERI State	HEPATITIS A		HEPATITIS B		HEPATITIS C		OTHER SPECIFIED VIRAL HEPATITIS	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	1	0.02	240	5.97	424	10.54	0	0
Kedah	1	0.05	147	6.77	269	12.39	2	0.09
Kelantan	2	0.11	168	9.18	135	7.38	0	0
Melaka	2	0.20	153	15.18	523	51.90	0	0
Negeri Sembilan	3	0.25	193	15.96	202	16.71	0	0
Pahang	0	0	276	17.12	80	4.96	0	0
Perak	2	0.08	282	11.18	272	10.79	1	0.04
Perlis	0	0	20	6.90	192	66.25	0	0
Pulau Pinang	5	0.29	181	10.41	840	48.31	0	0
Sabah	10	0.29	1,254	36.98	68	2.01	15	0.44
Sarawak	3	0.12	1,117	45.21	906	36.67	0	0
Selangor	17	0.24	744	10.57	526	7.47	0	0
Terengganu	2	0.17	122	10.28	58	4.89	2	0.17
W.P. Kuala Lumpur ¹	15	0.73	322	15.59	120	5.81	0	0
W.P.Labuan	0	0	11	11.36	11	11.36	0	0
MALAYSIA	63	0.19	5,230	16.02	4,626	14.17	20	0.06

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* Incidence Rate per 100,000 population

¹ Termasuk W.P. Putrajaya

¹ Includes W.P. Putrajaya

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

**JADUAL 3.1 (H) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
VIRAL ENCEPHALITIS**

Table 3.1 (H) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2022: Viral Encephalitis

NEGERI State	JAPANESE ENCEPHALITIS		OTHERS VIRAL ENCEPHALITIS	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	1	0.02	0	0
Kedah	3	0.14	0	0
Kelantan	1	0.05	0	0
Melaka	0	0	2	0.20
Negeri Sembilan	0	0	0	0
Pahang	0	0	0	0
Perak	9	0.36	2	0.08
Perlis	0	0	0	0
Pulau Pinang	4	0.23	0	0
Sabah	3	0.09	0	0
Sarawak	3	0.12	1	0.04
Selangor	0	0	0	0
Terengganu	0	0	0	0
W.P. Kuala Lumpur ¹	0	0	0	0
W.P.Labuan	0	0	0	0
MALAYSIA	24	0.07	5	0.02

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya

¹ *Includes W.P. Putrajaya*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

JADUAL 3.1 (I) : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2020 - 2022: SURVELAN

Table 3.1 (I) : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2020 - 2022: Surveillance

NEGERI State	COVID-19 2020		COVID-19 2021		COVID-19 2022 ²	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Johor	6,428	170.76	239,206	6,304.85	152,417	3,788.92
Kedah	3,091	141.75	165,362	7,536.67	149,425	6,883.09
Kelantan	835	44.28	168,285	8,724.85	90,447	4,944.35
Melaka	1,343	144.30	75,065	8,006.93	67,774	6,725.61
Negeri Sembilan	8,009	708.57	105,736	9,364.63	116,902	9,669.31
Pahang	1,410	84.20	93,981	5,578.83	86,763	5,380.65
Perak	3,258	129.69	125,844	5,016.50	109,277	4,333.47
Perlis	46	18.08	7,123	2,788.96	11,768	4,060.73
Pulau Pinang	4,002	225.52	157,616	8,882.78	145,622	8,375.82
Sabah	37,553	962.06	203,492	5,308.95	165,753	4,888.17
Sarawak	1,130	40.17	251,183	8,900.26	71,276	2,884.62
Selangor	33,808	517.86	754,235	1,1505.55	757,657	10,764.93
Terengganu	357	28.66	82,355	6,458.71	49,921	4,205.64
W.P. Kuala Lumpur ¹	14,398	808.56	206,470	1,1821.25	278,110	13,464.54
W.P.Labuan	1,705	1,717.02	9,123	9,113.89	12,092	12,491.74
MALAYSIA²	117,373	360.25	2,645,076	8,099.97	2,265,204	6,937.50

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Incidence Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

² Data berdasarkan minggu epidemiologi bermula 2 Januari 2022 hingga 31 Disember 2022 (minggu epid 1 hingga 52)

² *Data based on epidemiology weeks from 2 January to 31 December 2022 (epid weeks 1 to 52)*

- Tiada kejadian kes dilaporkan bagi MERS-CoV dan cacar monyet pada tahun 2022

- *No incidence of cases were reported for MERS-CoV and monkeypox in 2022*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

**JADUAL 3.2 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE CIRCULATORY SYSTEM**

**Table 3.2 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Circulatory System**

DETAILED CAUSE GROUPS (Diseases of the Circulatory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES	I00-I09		
Acute rheumatic fever	I00-I02	140	0.43
Chronic rheumatic heart diseases	I05-I09	662	2.02
HYPERTENSIVE DISEASE	I10-I15		
Essential (primary) hypertension	I10	14,346	43.87
Hypertensive heart disease	I11	336	1.03
Hypertensive renal disease	I12	100	0.31
Hypertensive heart and renal disease	I13	119	0.36
Secondary hypertension	I15	163	0.50
ISCHAEMIC HEART DISEASE	I20-I25		
Angina pectoris	I20	33,913	103.72
Acute myocardial infarction	I21	31,668	96.85
Remainder of ischaemic heart disease	Remainder of I20-I25	24,476	74.85
DISEASES OF PULMONARY CIRCULATION & OTHER FORMS OF HEART DISEASES	I26-I52		
Pulmonary embolism	I26	1,783	5.45
Acute pericarditis	I30	158	0.48
Acute and subacute endocarditis	I33	435	1.33
Acute myocarditis	I40	47	0.14
Cardiac arrest	I46	499	1.53
Conduction disorders and cardiac arrhythmias	I44-I45, I47-I49	13,651	41.75
Heart Failure	I50	28,946	88.53
Remainder of diseases of pulmonary circulation and other forms of heart diseases	Remainder of I26-I52	4,198	12.84

**JADUAL 3.2 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE CIRCULATORY SYSTEM (SAMB.)**

**Table 3.2 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Circulatory System (Cont'd).**

DETAILED CAUSE GROUPS (Diseases of the Circulatory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
CEREBRO-VASCULAR DISEASE	I60-I69		
Subarachnoid haemorrhage	I60	999	3.06
Intracerebral haemorrhage	I61	5,283	16.16
Cerebral infarction	I63	18,635	56.99
Stroke, not specified as haemorrhage or infarction	I64	13,246	40.51
Remainder of cerebro-vascular disease	Remainder of I60-I69	4,880	14.92
DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES	I70-I99		
Atherosclerosis	I70	224	0.69
Aortic aneurysm and dissection	I71	968	2.96
Other aneurysm	I72	620	1.90
Arterial embolism and thrombosis	I74	188	0.57
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	1,919	5.87
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	1,895	5.80
Varicose veins of lower extremities	I83	298	0.91
Haemorrhoids	I84	1,732	5.30
Oesophageal varices	I85	1,053	3.22
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	3,349	10.24
JUMLAH/Total	I00-I99	210,929	645.08

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 3.3 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022: NEOPLASMS

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022: Neoplasms

DETAILED CAUSE GROUPS (Neoplasms)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	C00-C14		
Malignant neoplasm of lip, oral cavity and pharynx	C00-C14	5,118	15.65
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS	C15-C26		
Malignant neoplasm of oesophagus	C15	809	2.47
Malignant neoplasm of stomach	C16	2,391	7.31
Malignant neoplasm of colon	C18	7,341	22.45
Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal	C19-C21	8,709	26.63
Malignant neoplasm of liver and intrahepatic bile ducts	C22	3,361	10.28
Malignant neoplasm of pancreas	C25	1,783	5.45
Remainder of malignant neoplasm of digestive organs	Remainder of C15-C26	1,165	3.56
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	C30-C39		
Malignant neoplasm of larynx	C32	725	2.22
Malignant neoplasm of trachea, bronchus & lung	C33-C34	6,199	18.96
Remainder of malignant neoplasm of respiratory and intrathoracic organs	Remainder of C30-C39	843	2.58
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST	C40-C50		
Malignant of neoplasm of bone and articular cartilage	C40-C41	1,210	3.70
Melanoma and other malignant neoplasm of skin	C43-C44	934	2.86
Malignant neoplasm of mesothelial and soft tissue	C45-C49	1,849	5.65
Malignant neoplasm of breast	C50	9,983	30.53

JADUAL 3.3 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022 : NEOPLASMS (SAMB.)

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022 : Neoplasms (Cont'd)

DETAILED CAUSE GROUPS (Neoplasms)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT	C51-C68		
Malignant neoplasm of cervix uteri	C53	4,162	12.73
Malignant neoplasm of other and unspecified part of uterus	C54-C55	4,175	12.77
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	5,926	18.12
Malignant neoplasm of prostate	C61	1,560	4.77
Malignant neoplasm of bladder	C67	1,432	4.38
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	2,793	8.54
MALIGNANT NEOPLASM OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	C69-C72		
Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72	1,839	5.62
MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS	C73-C75		
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	2,344	7.17
MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES	C76-C80		
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	6,045	18.49

JADUAL 3.3 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022 : NEOPLASMS (SAMB.)

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022 : Neoplasms (Cont'd)

DETAILED CAUSE GROUPS (Neoplasms)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE	C81-C96		
Hodgkin's disease	C81	1,894	5.79
Non-Hodgkin's disease	C82-C85	5,829	17.83
Leukaemia	C91-C95	7,195	22.00
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	1,583	4.84
MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES	C97		
Malignant neoplasm of independent (primary) multiple sites	C97	19	0.06
IN SITU NEOPLASMS	D00-D09		
In situ neoplasms	D00-D09	987	3.02
BENIGN NEOPLASMS	D10-D36		
Benign neoplasms of skin	D22-D23	305	0.93
Benign neoplasms of breast	D24	986	3.02
Leiomyoma of uterus	D25	3,009	9.20
Remainder of benign neoplasms	Remainder of D10-D36	6,482	19.82
NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR	D37-D48		
Neoplasm of uncertain or unknown behaviour	D37-D48	7,012	21.44
JUMLAH/Total	C00-D48	117,997	360.87

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.4 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES**

**Table 3.4 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Endocrine, Nutritional and Metabolic Diseases**

DETAILED CAUSE GROUPS (Endocrine, Nutritional and Metabolic Diseases)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	E00-E90		
Iodine deficiency-related thyroid disorders	E00-E02	32	0.10
Thyrotoxicosis (hyperthyroidism)	E05	3,696	11.30
Hypoparathyroidism	E20	19	0.06
Diabetes mellitus	E10-E14	21,840	66.79
Kwashiokor	E40	6	0.02
Other malnutrition conditions	E41-E46	101	0.31
Other nutritional deficiencies	E50-E64	198	0.61
Obesity	E66	414	1.27
Remainder of obesity and other hyperalimentation	E65, E67-E68	10	0.03
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	41,315	126.35
JUMLAH/Total	E00-E90	67,631	206.83

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.5 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE RESPIRATORY SYSTEM**

**Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Respiratory System**

DETAILED CAUSE GROUPS (Diseases of the Respiratory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
DISEASES OF THE UPPER RESPIRATORY TRACT	J00-J06		
Acute nasopharyngitis	J00	65	0.20
Acute sinusitis	J01	156	0.48
Acute pharyngitis	J02	6,528	19.96
Acute tonsillitis	J03	6,986	21.37
Acute laryngitis and tracheitis	J04	171	0.52
Remainder of diseases of the upper respiratory tract	Remainder of J00-J06	23,534	71.97
INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS	J09-J22		
Influenza	J09-J11	2,518	7.70
Viral pneumonia, not elsewhere classified	J12	24,243	74.14
Other pneumonia	J13-J18	138,170	422.56
Acute bronchitis	J20	403	1.23
Acute bronchiolitis	J21	21,778	66.60
Unspecified acute lower respiratory infections	J22	397	1.21
OTHER DISEASES OF UPPER RESPIRATORY TRACT	J30-J39		
Chronic sinusitis	J32	795	2.43
Chronic diseases of tonsils and adenoids	J35	1,011	3.09
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	3,659	11.19

**JADUAL 3.5 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

**Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Respiratory System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Respiratory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
CHRONIC LOWER RESPIRATORY DISEASE	J40-J47		
Chronic bronchitis	J40	42	0.13
Emphysema	J43	106	0.32
Other chronic obstructive pulmonary disease	J44	15,986	48.89
Asthma	J45-J46	18,800	57.50
Bronchiectasis	J47	1,305	3.99
Other chronic lower respiratory tract diseases	J41-J42	20	0.06
LUNG DISEASES DUE TO EXTERNAL AGENTS	J60-J70		
Pneumoconiosis	J60-J65	27	0.08
Other lung diseases due to external agents	J66-J70	3,748	11.46
OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM	J80-J84		
Pulmonary oedema	J81	6,354	19.43
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	1,033	3.16
SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	J85-J86		
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	1,014	3.10

**JADUAL 3.5 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

**Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Respiratory System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Respiratory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
OTHER DISEASES OF PLEURA	J90-J94		
Pleural effusion, not elsewhere classified	J90	3,248	9.93
Pneumothorax	J93	1,365	4.17
Remainder of other diseases of pleura	Remainder of J90-J94	652	1.99
OTHER DISEASES OF THE RESPIRATORY SYSTEM	J95-J99		
Respiratory failure, not elsewhere classified	J96	737	2.25
Remainder of other diseases of the respiratory system	Remainder of J95-J99	3,637	11.12
JUMLAH/Total	J00-J99	327,369	1,001.19

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.6 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE DIGESTIVE SYSTEM**

**Table 3.6 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Digestive System**

DETAILED CAUSE GROUPS (Diseases of the Digestive System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	K00-K14		
Dental caries	K02	2,724	8.33
Gingivitis and periodontal diseases	K05	241	0.74
Stomatitis and related lesions	K12	1,052	3.22
Remainder of diseases of Oral Cavity, Salivary Glands and Jaws	Remainder of K00-K14	4,256	13.02
DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM	K20-K31		
Diseases of oesophagus	K20-K22	2,759	8.44
Gastric ulcer	K25	2,192	6.70
Doudenal ulcer	K26	962	2.94
Peptic ulcer, site unspecified	K27	1,104	3.38
Gastrojejunal ulcer	K28	124	0.38
Gastritis and duodenitis	K29	5,110	15.63
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	2,638	8.07
DISEASES OF APPENDIX	K35-K38		
Acute appendicitis	K35	16,008	48.96
Other appendicitis	K36	163	0.50
Unspecified appendicitis	K37	477	1.46
Other diseases of the appendix	K38	418	1.28
HERNIA	K40-K46		
Inguinal hernia	K40	7,910	24.19
Other hernias	K41-K46	2,045	6.25

**JADUAL 3.6 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
ISEASES OF THE DIGESTIVE SYSTEM (SAMB.)**

**Table 3.6 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Digestive System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Digestive System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
DISEASES OF INTESTINES AND PERITONEUM	K50-K67		
Crohn's disease and ulcerative colitis	K50-K51	710	2.17
Other noninfective gastroenteritis and colitis	K52	1,910	5.84
Paralytic ileus and intestinal obstruction without hernia	K56	4,625	14.14
Diverticular diseases of intestine	K57	2,139	6.54
Fissure and fistula of anal and rectal regions	K60	1,113	3.40
Abscess of anal and rectal regions	K61	2,308	7.06
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	6,366	19.47
Peritonitis	K65	1,889	5.78
Other disorders of peritoneum	K66-K67	1,040	3.18
OTHER DISEASES OF THE DIGESTIVE SYSTEM	K70-K93		
Alcoholic liver disease	K70	548	1.68
Hepatic failure, not elsewhere classified	K72	1,302	3.98
Chronic hepatitis, not elsewhere classified	K73	33	0.10
Fibrosis and cirrhosis of liver	K74	2,365	7.23
Cholelithiasis	K80	10,780	32.97
Cholecystitis	K81	3,873	11.84
Acute pancreatitis	K85	3,233	9.89
Remainder of other diseases of the digestive system	Remainder of K70-K93	17,111	52.33
JUMLAH/Total	K00-K93	111,528	341.08

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.7 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE GENITOURINARY SYSTEM**

**Table 3.7 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Genitourinary System**

DETAILED CAUSE GROUPS (Diseases of the Genitourinary System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
GLOMERULAR DISEASES	N00-N08		
Acute and progressive nephritic syndrome	N00-N01	1,830	5.60
Chronic nephritic syndrome	N03	29	0.09
Nephritic syndrome	N04	3,246	9.93
Remainder of glomerular diseases	Remainder of N00-N08	468	1.43
RENAL TUBULO-INTERSTITIAL DISEASES	N10-N16		
Renal tubulo-interstitial diseases	N10-N16	6,641	20.31
RENAL FAILURE	N17-N19		
Acute renal failure	N17	4,909	15.01
Chronic renal failure	N18	20,240	61.90
Unspecified renal failure	N19	790	2.42
OTHER DISEASES OF THE URINARY SYSTEM	N20-N39		
Calculus of kidney, ureter and lower urinary tract	N20-N22	6,323	19.34
Unspecified renal colic	N23	825	2.52
Other disorders of kidney and ureter	N25-N29	1,328	4.06
Cystitis	N30	527	1.61
Urethritis and urethral syndrome	N34	44	0.13
Urethral stricture	N35	416	1.27
Remainder of other diseases of the urinary system	Remainder of N20-N39	16,183	49.49

**JADUAL 3.7 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE GENITOURINARY SYSTEM (SAMB.)**

**Table 3.7 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Genitourinary System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Genitourinary System)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
DISEASES OF MALE GENITAL ORGANS	N40-N51		
Hyperplasia of prostate	N40	1,398	4.28
Hydrocele and spermatocele	N43	689	2.11
Orchitis and epididymitis	N45	1,704	5.21
Male infertility	N46	14	0.04
Redundant prepuce, phimosis and paraphimosis	N47	652	1.99
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	2,510	7.68
DISORDERS OF BREAST	N60-N64		
Disorders of breast	N60-N64	3,004	9.19
DISORDERS OF FEMALE GENITAL ORGANS	N70-N99		
Salpingitis and oophoritis	N70	731	2.24
Inflammatory disease of uterus, except cervix	N71	265	0.81
Inflammatory disease of cervix uteri	N72	14	0.04
Other inflammatory diseases of female pelvic organs	N73-N77	1,843	5.64
Endometriosis	N80	2,175	6.65
Female genital prolapse	N81	578	1.77
Erosion and ectropian of cervix uteri	N86	46	0.14
Disorders of menstruation	N91-N92	2,036	6.23
Menopausal and other perimenopausal disorders	N95	714	2.18
Female infertility	N97	296	0.91
Remainder of disorders of female genital organs	Remainder of N70-N99	9,150	27.98
JUMLAH/Total	N00-N99	91,618	280.19

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.8 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD**

**Table 3.8 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Certain Conditions Originating in the Perinatal Period**

DETAILED CAUSE GROUPS (Certain Conditions Originating in the Perinatal Period)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY LABOUR AND DELIVERY	P00-P04		
Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	P00-P04	9,569	29.26
DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH	P05-P08		
Slow fetal growth and fetal malnutrition	P05	2,811	8.60
Disorders related to short gestation and low birth weight, not elsewhere classified	P07	12,335	37.72
Disorders related to long gestation and high birth weight	P08	1,981	6.06
BIRTH TRAUMA	P10-P15		
Birth trauma	P10-P15	1,832	5.60
RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD	P20-P29		
Intrauterine hypoxia and birth asphyxia	P20-P21	2,522	7.71
Respiratory distress of newborn	P22	20,151	61.63
Neonatal aspiration syndrome	P24	4,334	13.25
Remainder of respiratory and cardiovascular disorders specific to the perinatal period	Remainder of P20-P29	13,993	42.79

**JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY**

**Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
External Causes of Morbidity and Mortality**

DETAILED CAUSE GROUPS (External Causes of Morbidity and Mortality)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
TRANSPORT ACCIDENTS	V01-V99		
Pedestrian injured in transport accident	V01-V09	391	1.20
Pedal cyclist injured in transport accident	V10-V19	496	1.52
Motorcycle Pedestrian injured in transport accident	V20-V29	11,535	35.28
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	27	0.08
Car occupant injured in transport accident	V40-V49	1,149	3.51
Occupant of pick-up truck or van injured in transport accident	V50-V59	88	0.27
Occupant of heavy transport vehicle injured in transport accident	V60-V69	146	0.45
Bus occupant injured in transport accident	V70-V79	15	0.05
Other land transport accidents	V80-V89	18,321	56.03
Water transport accidents	V90-V94	32	0.10
Air and space transport accidents	V95-V97	7	0.02
Other and unspecified transport accidents	V98-V99	39	0.12

**JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SAMB.)**

**Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Certain Conditions Originating in the Perinatal Period (Cont'd)**

DETAILED CAUSE GROUPS (Certain Conditions Originating in the Perinatal Period)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	P35-P39		
Infections specific to the perinatal period	P35-P39	23,376	71.49
HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN	P50-P61		
Haemolytic disease of fetus and newborn	P55	3,623	11.08
Neonatal jaundice	P58-P59	101,614	310.76
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	1,248	3.82
OTHER DISORDERS OF FETUS AND NEWBORN	P70-P96		
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	19,228	58.80
Digestive system disorders of fetus and newborn	P75-P78	891	2.72
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	593	1.81
Convulsion of newborn	P90	108	0.33
Feeding problems of newborn	P92	1,132	3.46
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	2,636	8.06
JUMLAH/Total	P00-P96	223,977	684.98

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

**Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
External Causes of Morbidity and Mortality (Cont'd)**

DETAILED CAUSE GROUPS (External Causes of Morbidity and Mortality)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY	W00-X59		
Falls	W00-W19	14,636	44.76
Exposure to inanimate mechanical factors	W20-W49	7,467	22.84
Exposure to animate mechanical factors	W50-W64	2,095	6.41
Accidental drowning and submersion	W65-W74	236	0.72
Other accidental threats to breathing	W75-W84	266	0.81
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	272	0.83
Exposure to smoke, fire and flames	X00-X09	2,084	6.37
Contact with heat and hot substances	X10-X19	945	2.89
Contact with venomous animals and plants	X20-X29	3,264	9.98
Exposure to forces of nature	X30-X39	83	0.25
Accidental poisoning by and exposure to noxious substances	X40-X49	3,655	11.18
Overexertion, travel and privation	X50-X57	72	0.22
Accidental exposure to other and unspecified factors	X58-X59	61,508	188.11

**JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

**Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
External Causes of Morbidity and Mortality (Cont'd)**

DETAILED CAUSE GROUPS (External Causes of Morbidity and Mortality)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
INTENTIONAL SELF-HARM	X60-X84		
Intentional self-harm	X60-X84	1,172	3.58
ASSAULT	X85-Y09		
Assault	X85-Y09	2,646	8.09
EVENT OF UNDETERMINED INTENT	Y10-Y34		
Event of undetermined intent	Y10-Y34	1,891	5.78
LEGAL INTERVENTION AND OPERATIONS OF WAR	Y35-Y36		
Legal intervention and operations of war	Y35-Y36	19	0.06
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	Y40-Y84		
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40-Y59	3,655	11.18
Misadventures to patients during surgical and medical care	Y60-Y69	177	0.54
Medival devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82	619	1.89
Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	Y83-Y84	19,346	59.17

**JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

**Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
External Causes of Morbidity and Mortality (Cont'd)**

DETAILED CAUSE GROUPS (External Causes of Morbidity and Mortality)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY	Y85-Y89		
Sequelae of External Causes of Morbidity and Mortality	Y85-Y89	373	1.14
SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE	Y90-Y98		
Supplementary Factors Related to Causes of Morbidity and Mortality Classified Elsewhere	Y90-Y98	220	0.67
JUMLAH/Total	V00-Y98	158,947	486.10

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**
Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.10 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
CODES FOR SPECIAL PURPOSES**

**Table 3.10 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2022:
Codes For Special Purposes**

DETAILED CAUSE GROUPS (External Causes of Morbidity and Mortality)	KOD ICD - 10 ICD - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
PROVISIONAL ASSIGNMENT OF NEW DISEASES OF UNCERTAIN ETIOLOGY	U00-U49		
Severe acute respiratory syndrome (SARS)	U04	8	0.02
Emergency use of U07	U07	122,252	373.88
Personal history of COVID-19	U08	369	1.13
Post COVID-19 condition	U09	2,325	7.11
Multisystem inflammatory syndrome associated with COVID-19	U10	123	0.38
Need for immunization against COVID-19	U11	9	0.03
COVID-19 vaccines causing adverse effects in therapeutic use	U12	105	0.32
BACTERIAL AGENTS RESISTANT TO ANTIBIOTICS	U80-U89		
Bacterial agents resistant to antibiotics	U80-U89	60	0.18
JUMLAH/Total	U00-U89	125,251	383.05

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 3.11 : KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2016 - 2022

Table 3.11 : Incidence Rate of Motor Vehicle Accidents, Malaysia, 2016 - 2022

PERKARA Subject	2016	2017	2018	2019	2020	2021	2022
1. Bilangan Kecederaan yang disebabkan oleh Kemalangan Kenderaan Bermotor <i>Number of Casualties Due to Motor Vehicle Accidents</i>	19,073	16,589	14,625	15,044	17,236	23,069	30,083
2. Bilangan Kemalangan Kenderaan Bermotor <i>Number of Motor Vehicle Accidents</i>	521,466	533,875	548,598	567,516	418,237	370,286	545,662
3. Anggaran Penduduk ¹ ('000) <i>Estimated Population¹ ('000)</i>	31,661	32,050	32,385	32,680	32,447	32,576	32,698
4. Kadar Kejadian Kemalangan Kereta Bermotor bagi Tiap-tiap 10,000 Penduduk ² <i>Incidence Rate of Motor Vehicle Accidents per 10,000 population²</i>	165	167	169	174	129	114	167

Nota/Notes:

¹ 2016 - 2022: Anggaran Penduduk Semasa (Muktamad)/*Current Population Estimates (Final)*

² Statistik dikemas kini berdasarkan anggaran penduduk semasa bagi tahun yang berkenaan
The statistics were update based on the population estimated and the respective years

SUMBER : POLIS DIRAJA MALAYSIA

Source : Royal Malaysia Police

JADUAL 3.12 : KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2019 - 2022

Table 3.12 : Incidence Rate of Industrial Accidents, Malaysia, 2019 - 2022

PERKARA Subject	2019	2020	2021 ¹	2022 ¹
1. Bilangan Kecederaan Yang Disebabkan Oleh Kemalangan Perusahaan <i>Number of Casualties Due to Industrial Accidents</i>	77,668	72,955	56,990	72,149
2. Bilangan Pekerja Aktif PERKESO (^000) <i>Number of SOCSO's Active Employees (^000)</i>	7,200	7,115	8,719	9,221
3. Kadar Kejadian Kemalangan Perusahaan Bagi Setiap 100,000 Tenaga Bekerja <i>Incidence Rate of Industrial Accidents per 100,000 Workforce</i>	1,079	1,025	654	827

Nota/Note:

¹ Termasuk pekerja tempatan dan pekerja asing

¹ Including local and foreign employees

SUMBER : PERTUBUHAN KESELAMATAN SOSIAL MALAYSIA

Source : Social Security Organisation Malaysia

JADUAL 3.13 (A) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: PENYAKIT BAWAAN AIR DAN MAKANAN

Table 3.13 (A) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022: Food and Water Borne Diseases

NEGERI State	KERACUNAN MAKANAN Food Poisoning		TIFOID DAN PARATIFOID Typhoid And Paratyphoid	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Johor	0	0	1	0.02
Kedah	0	0	0	0
Kelantan	0	0	0	0
Melaka	0	0	0	0
Negeri Sembilan	0	0	0	0
Pahang	0	0	0	0
Perak	0	0	0	0
Perlis	0	0	0	0
Pulau Pinang	0	0	0	0
Sabah	2	0.06	0	0
Sarawak	0	0	0	0
Selangor	0	0	1	0.01
Terengganu	0	0	0	0
W.P. Kuala Lumpur ¹	1	0.05	0	0
W.P. Labuan	0	0	0	0
MALAYSIA	3	0.01	2	0.01

Nota/Notes:

* Kadar Kejadian bagi setiap 100,000 penduduk

* *Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Kolera dan Disenteri pada tahun 2022

- *No deaths were reported for Cholera and Dysentery in 2022*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : *Disease Control Division, Ministry of Health*

**JADUAL 3.13 (B) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
PENYAKIT BAWAAN VEKTOR**

Table 3.13 (B) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022: Vector Borne Diseases

NEGERI State	DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>		MALARIA <i>Malaria</i>	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Johor	6	0.15	1	0.02
Kedah	2	0.09	0	0
Kelantan	4	0.22	2	0.11
Melaka	3	0.30	0	0
Negeri Sembilan	3	0.25	0	0
Pahang	1	0.06	1	0.06
Perak	3	0.12	0	0
Perlis	1	0.35	0	0
Pulau Pinang	1	0.06	0	0
Sabah	10	0.29	3	0.09
Sarawak	2	0.08	1	0.04
Selangor	14	0.20	1	0.01
Terengganu	1	0.08	2	0.17
W.P. Kuala Lumpur ¹	5	0.24	0	0
W.P. Labuan	0	0	0	0
MALAYSIA	56	0.17	11	0.03

Nota/Notes:

* Kadar Kematian bagi setiap 100,000 penduduk/*Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Chikungunya, Demam Denggi, *Plague*, *Relapsing Fever*, *Typhus*, Demam Kuning, Jangkitan Virus Zika dan Filariasis pada tahun 2022
- *No deaths were reported for Chikungunya, Dengue, Plague, Relapsing Fever, Typhus, Yellow Fever, Zika Virus Infections and Filariasis in 2022*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

JADUAL 3.13 (C) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: PENYAKIT CEGAHAN VAKSIN

Table 3.13 (C) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022: Vaccine Preventable Diseases

NEGERI State	DIPHTHERIA		LAIN-LAIN TETANUS Others Tetanus		PERTUSIS Pertusis	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Johor	0	0	0	0	0	0
Kedah	0	0	0	0	0	0
Kelantan	0	0	0	0	0	0
Melaka	0	0	0	0	0	0
Negeri Sembilan	0	0	0	0	0	0
Pahang	1	0.06	0	0	0	0
Perak	0	0	0	0	0	0
Perlis	0	0	0	0	0	0
Pulau Pinang	0	0	0	0	0	0
Sabah	3	0.09	2	0.06	2	0.06
Sarawak	0	0	0	0	0	0
Selangor	0	0	0	0	0	0
Terengganu	0	0	1	0.08	0	0
W.P. Kuala Lumpur ¹	0	0	0	0	0	0
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	4	0.01	3	0.01	2	0.01

Nota/Notes:

* Kadar Kematian bagi setiap 100,000 penduduk/*Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Poliomyelitis Akut, Neonatal Tetanus dan Campak pada tahun 2022

- *No deaths were reported for Acute Poliomyelitis, Neonatal Tetanus and Measles in 2022*

SUMBER : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA

Source : Disease Control Division, Ministry of Health

JADUAL 3.13 (D) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: PENYAKIT TRANSMISI SECARA SEKSUAL

Table 3.13 (D) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022: Sexually Transmitted Diseases

NEGERI State	AIDS		HIV	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Johor	72	1.79	21	0.52
Kedah	33	1.52	15	0.69
Kelantan	76	4.15	20	1.09
Melaka	11	1.09	2	0.20
Negeri Sembilan	33	2.73	0	0
Pahang	45	2.79	6	0.37
Perak	55	2.18	16	0.63
Perlis	13	4.49	2	0.69
Pulau Pinang	51	2.93	32	1.84
Sabah	58	1.71	18	0.53
Sarawak	81	3.28	7	0.28
Selangor	120	1.70	51	0.72
Terengganu	36	3.03	23	1.94
W.P. Kuala Lumpur ¹	20	0.97	29	1.40
W.P. Labuan	0	0	0	0
MALAYSIA	704	2.16	242	0.74

Nota/Notes:

* Kadar Kematian bagi setiap 100,000 penduduk/*Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit *Chancroid*, *Gonorrhoea* dan Sifilis tahun 2022
- *No deaths were reported for Chancroid, Gonorrhoea and Syphilis in 2022*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

JADUAL 3.13 (E) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: VIRAL HEPATITIS

Table 3.13 (E) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022: Viral Hepatitis

NEGERI State	HEPATITIS B		HEPATITIS C		OTHER SPECIFIED VIRAL HEPATITIS	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Johor	8	0.20	4	0.10	0	0
Kedah	6	0.28	4	0.18	0	0
Kelantan	2	0.11	2	0.11	0	0
Melaka	0	0	6	0.60	0	0
Negeri Sembilan	8	0.66	4	0.33	0	0
Pahang	5	0.31	2	0.12	0	0
Perak	1	0.04	2	0.08	0	0
Perlis	0	0	0	0	0	0
Pulau Pinang	12	0.69	33	1.90	0	0
Sabah	17	0.50	0	0	2	0.06
Sarawak	9	0.36	6	0.24	0	0
Selangor	30	0.43	28	0.40	0	0
Terengganu	3	0.25	0	0	1	0.08
W.P. Kuala Lumpur ¹	6	0.29	4	0.19	0	0
W.P. Labuan	2	2.07	1	1.03	0	0
MALAYSIA	109	0.33	96	0.29	3	0.01

Nota/Notes:

* Kadar Kematian bagi setiap 100,000 penduduk/*Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Hepatitis A tahun 2022
- *No deaths were reported for Hepatitis A in 2022*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

**JADUAL 3.13 (F) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
TIBI DAN KUSTA**

**Table 3.13 (F) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022:
Tuberculosis and Leprosy**

NEGERI State	KUSTA Leprosy		TIBI Tuberculosis	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Johor	0	0	174	4.33
Kedah	0	0	188	8.66
Kelantan	0	0	143	7.82
Melaka	0	0	61	6.05
Negeri Sembilan	0	0	61	5.05
Pahang	0	0	98	6.08
Perak	0	0	162	6.42
Perlis	0	0	26	8.97
Pulau Pinang	0	0	151	8.69
Sabah	0	0	429	12.65
Sarawak	0	0	276	11.17
Selangor	0	0	524	7.45
Terengganu	0	0	54	4.55
W.P. Kuala Lumpur ¹	0	0	217	10.51
W.P. Labuan	0	0	8	8.26
MALAYSIA	0	0	2,572	7.88

Nota/Notes:

* Kadar Kematian bagi setiap 100,000 penduduk/*Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

JADUAL 3.13 (G) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: ZONOSIS

Table 3.13 (G) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022: Zoonosis

NEGERI State	LEPTOSPIROSIS		PENYAKIT ANJING GILA <i>Rabies</i>		PENYAKIT TANGAN KAKI DAN MULUT <i>Hand Foot and Mouth Disease</i>	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Johor	8	0.20	0	0	0	0
Kedah	2	0.09	0	0	0	0
Kelantan	6	0.33	0	0	0	0
Melaka	0	0	0	0	0	0
Negeri Sembilan	3	0.25	0	0	0	0
Pahang	1	0.06	0	0	0	0
Perak	6	0.24	0	0	0	0
Perlis	1	0.35	0	0	0	0
Pulau Pinang	2	0.00	0	0	0	0
Sabah	2	0.12	0	0	1	0.03
Sarawak	3	0.12	11	0.45	0	0
Selangor	4	0.06	1	0.01	0	0
Terengganu	4	0.34	0	0	0	0
W.P. Kuala Lumpur ¹	0	0	0	0	0	0
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	42	0.13	12	0.04	1	0.00

Nota/Notes:

* Kadar Kematian bagi setiap 100,000 penduduk/*Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Ebola dan *Avian Influenza*, pada tahun 2022
- *No deaths were reported for Ebola and Avian Influenza in 2022*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

**JADUAL 3.13 (H) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022:
VIRAL ENCEPHALITIS**

Table 3.13 (H) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022: Viral Encephalitis

NEGERI State	JAPANESE ENCEPHALITIS	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Johor	0	0
Kedah	0	0
Kelantan	0	0
Melaka	0	0
Negeri Sembilan	0	0
Pahang	0	0
Perak	0	0
Perlis	0	0
Pulau Pinang	3	0.17
Sabah	0	0
Sarawak	0	0
Selangor	0	0
Terengganu	0	0
W.P. Kuala Lumpur ¹	0	0
W.P. Labuan	0	0
MALAYSIA	3	0.01

Nota/Notes:

* Kadar Kematian bagi setiap 100,000 penduduk/*Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Nipah dan *Others Viral Encephalitis* pada tahun 2022

- *No deaths were reported for Nipah and Others Viral Encephalitis in 2022*

**SUMBER : BAHAGIAN KAWALAN PENYAKIT,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Disease Control Division, Ministry of Health

JADUAL 3.13 (I) : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2022: SURVELAN

Table 3.13 (I) : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2022: Surveillance

NEGERI State	COVID-19 2021		COVID-19 2022 ²	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Johor	3,825	100.82	829	20.61
Kedah	2,134	97.26	583	26.86
Kelantan	1,236	64.08	173	9.46
Melaka	949	101.23	242	24.02
Negeri Sembilan	1,306	115.67	212	17.54
Pahang	760	45.11	259	16.06
Perak	1,380	55.01	717	28.43
Perlis	135	52.86	60	20.70
Pulau Pinang	1,742	98.17	304	17.49
Sabah	2,518	65.69	411	12.12
Sarawak	1,596	56.55	166	6.72
Selangor	9,915	151.25	987	14.02
Terengganu	707	55.45	182	15.33
W.P. Kuala Lumpur ¹	2,670	152.87	182	8.81
W.P.Labuan	143	142.86	6	6.20
MALAYSIA	31,016	94.98	5,313	16.27

Nota/Notes:

* Kadar Kematian bagi setiap 100,000 penduduk/*Mortality Rate per 100,000 population*

¹ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*

² Data berdasarkan minggu epidemiologi bermula 2 Januari 2022 hingga 31 Disember 2022 (minggu epid 1 hingga 52)

² *Data based on epidemiology weeks from 2 January to 31 December 2022 (epid weeks 1 to 52)*

- Tiada kejadian kes dilaporkan bagi MERS-CoV pada tahun 2022

- *No incidence of cases were reported for MERS-CoV in 2022*

SUMBER : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA

Source : Disease Control Division, Ministry of Health

**JADUAL 3.14 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE CIRCULATORY SYSTEM**

Table 3.14 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022: Diseases of the Circulatory System

DETAILED CAUSE GROUPS (Diseases of the Circulatory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES	I00-I09		
Acute rheumatic fever	I00-I02	3	0.01
Chronic rheumatic heart diseases	I05-I09	79	0.24
HYPERTENSIVE DISEASE	I10-I15		
Essential (primary) hypertension	I10	2,287	6.99
Hypertensive heart disease	I11	16	0.05
Hypertensive renal disease	I12	12	0.04
Hypertensive heart and renal disease	I13	37	0.11
Secondary hypertension	I15	7	0.02
ISCHAEMIC HEART DISEASE	I20-I25		
Angina pectoris	I20	60	0.18
Acute myocardial infarction	I21	2,134	6.53
Remainder of ischaemic heart disease	Remainder of I20-I25	2,430	7.43
DISEASES OF PULMONARY CIRCULATION & OTHER FORMS OF HEART DISEASES	I26-I52		
Pulmonary embolism	I26	437	1.34
Acute pericarditis	I30	4	0.01
Acute and subacute endocarditis	I33	90	0.28
Acute myocarditis	I40	5	0.02
Cardiac arrest	I46	347	1.06
Conduction disorders and cardiac arrhythmias	I44-I45, I47-I49	666	2.04
Heart Failure	I50	1,272	3.89
Remainder of diseases of pulmonary circulation and other forms of heart diseases	Remainder of I26-I52	517	1.58

**JADUAL 3.14 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE CIRCULATORY SYSTEM (SAMB.)**

**Table 3.14 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Circulatory System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Circulatory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
CEREBRO-VASCULAR DISEASE	I60-I69		
Subarachnoid haemorrhage	I60	164	0.50
Intracerebral haemorrhage	I61	753	2.30
Cerebral infarction	I63	1,234	3.77
Stroke, not specified as haemorrhage or infarction	I64	953	2.91
Remainder of cerebro-vascular disease	Remainder of I60-I69	598	1.83
DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES	I70-I99		
Atherosclerosis	I70	11	0.03
Aortic aneurysm and dissection	I71	141	0.43
Other aneurysm	I72	44	0.13
Arterial embolism and thrombosis	I74	18	0.06
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	74	0.23
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80 - I82	62	0.19
Varicose veins of lower extremities	I83	5	0.02
Haemorrhoids	I84	7	0.02
Oesophageal varices	I85	55	0.17
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	85	0.26
JUMLAH/Total	I00 - I99	14,607	44.67

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**
Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 3.15 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022: NEOPLASMS

Table 3.15 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022: Neoplasms

DETAILED CAUSE GROUPS (Neoplasms)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX	C00-C14		
Malignant neoplasm of lip, oral cavity and pharynx	C00-C14	238	0.73
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS	C15-C26		
Malignant neoplasm of oesophagus	C15	48	0.15
Malignant neoplasm of stomach	C16	152	0.46
Malignant neoplasm of colon	C18	297	0.91
Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal	C19-C21	270	0.83
Malignant neoplasm of liver and intrahepatic bile ducts	C22	396	1.21
Malignant neoplasm of pancreas	C25	183	0.56
Remainder of malignant neoplasm of digestive organs	Remainder of C15-C26	88	0.27
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	C30-C39		
Malignant neoplasm of larynx	C32	32	0.10
Malignant neoplasm of trachea, bronchus & lung	C33-C34	866	2.65
Remainder of malignant neoplasm of respiratory and intrathoracic organs	Remainder of C30-C39	36	0.11
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST	C40-C50		
Malignant of neoplasm of bone and articular cartilage	C40-C41	37	0.11
Melanoma and other malignant neoplasm of skin	C43-C44	34	0.10
Malignant neoplasm of mesothelial and soft tissue	C45-C49	90	0.28
Malignant neoplasm of breast	C50	642	1.96

JADUAL 3.15 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022: NEOPLASMS (SAMB.)

Table 3.15 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS (Neoplasms)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT	C51-C68		
Malignant neoplasm of cervix uteri	C53	111	0.34
Malignant neoplasm of other and unspecified part of uterus	C54-C55	134	0.41
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	155	0.47
Malignant neoplasm of prostate	C61	116	0.35
Malignant neoplasm of bladder	C67	77	0.24
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	111	0.34
MALIGNANT NEOPLASM OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM	C69-C72		
Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72	106	0.32
MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS	C73-C75		
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	78	0.24
MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES	C76-C80		
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	1,204	3.68

JADUAL 3.15 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022: NEOPLASMS (SAMB.)

Table 3.15 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS (Neoplasms)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE	C81-C96		
Hodgkin's disease	C81	26	0.08
Non-Hodgkin's disease	C82-C85	234	0.72
Leukaemia	C91-C95	349	1.07
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	83	0.25
MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES	C97		
Malignant neoplasm of independent (primary) multiple sites	C97	1	0.00
IN SITU NEOPLASMS	D00-D09		
In situ neoplasms	D00-D09	31	0.09
BENIGN NEOPLASMS	D10-D36		
Benign neoplasms of skin	D22-D23	0	0
Benign neoplasms of breast	D24	0	0
Leiomyoma of uterus	D25	3	0.01
Remainder of benign neoplasms	Remainder of D10-D36	64	0.20
NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR	D37-D48		
Neoplasm of uncertain or unknown behaviour	D37-D48	226	0.69
JUMLAH/Total	C00 - D48	6,518	19.93

SUMBER : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.16 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES**

**Table 3.16 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Endocrine, Nutritional and Metabolic Diseases**

DETAILED CAUSE GROUPS (Endocrine, Nutritional and Metabolic Diseases)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES	E00-E90		
Iodine deficiency-related thyroid disorders	E00-E02	0	0
Thyrotoxicosis (hyperthyroidism)	E05	80	0.24
Hypoparathyroidism	E20	0	0
Diabetes mellitus	E10-E14	1,906	5.83
Kwashiokor	E40	0	0
Other malnutrition conditions	E41-E46	9	0.03
Other nutritional deficiencies	E50-E64	4	0.01
Obesity	E66	14	0.04
Remainder of obesity and other hyperalimentation	E65, E67-E68	0	0
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	1,063	3.25
JUMLAH/Total	E00-E90	3,076	9.41

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.17 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE RESPIRATORY SYSTEM**

**Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Respiratory System**

DETAILED CAUSE GROUPS (Diseases of the Respiratory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
DISEASES OF THE UPPER RESPIRATORY TRACT	J00-J06		
Acute nasopharyngitis	J00	0	0
Acute sinusitis	J01	0	0
Acute pharyngitis	J02	0	0
Acute tonsillitis	J03	1	0.00
Acute laryngitis and tracheitis	J04	3	0.01
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	11	0.03
INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS	J09-J22		
Influenza	J09-J11	17	0.05
Viral pneumonia, not elsewhere classified	J12	1,173	3.59
Other pneumonia	J13-J18	9,514	29.10
Acute bronchitis	J20	1	0.00
Acute bronchiolitis	J21	5	0.02
Unspecified acute lower respiratory infections	J22	12	0.04
OTHER DISEASES OF UPPER RESPIRATORY TRACT	J30-J39		
Chronic sinusitis	J32	6	0.02
Chronic diseases of tonsils and adenoids	J35	1	0.00
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	22	0.07

**JADUAL 3.17 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

**Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Respiratory System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Respiratory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
CHRONIC LOWER RESPIRATORY DISEASE	J40-J47		
Chronic bronchitis	J40	2	0.01
Emphysema	J43	15	0.05
Other chronic obstructive pulmonary disease	J44	711	2.17
Asthma	J45-J46	113	0.35
Bronchiectasis	J47	99	0.30
Other chronic lower respiratory tract diseases	J41-J42	1	0.00
LUNG DISEASES DUE TO EXTERNAL AGENTS	J60-J70		
Pneumoconiosis	J60-J65	1	0.00
Other lung diseases due to external agents	J66-J70	1,404	4.29
OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM	J80-J84		
Pulmonary oedema	J81	151	0.46
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	188	0.57
SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	J85-J86		
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	113	0.35

**JADUAL 3.17 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

**Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Respiratory System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Respiratory System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
OTHER DISEASES OF PLEURA	J90-J94		
Pleural effusion, not elsewhere classified	J90	233	0.71
Pneumothorax	J93	69	0.21
Remainder of other diseases of pleura	Remainder of J90-J94	20	0.06
OTHER DISEASES OF THE RESPIRATORY SYSTEM	J95-J99		
Respiratory failure, not elsewhere classified	J96	253	0.77
Remainder of other diseases of the respiratory system	Remainder of J95-J99	249	0.76
JUMLAH/Total	J00-J99	14,388	44.00

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.18 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE DIGESTIVE SYSTEM**

**Table 3.18 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Digestive System**

DETAILED CAUSE GROUPS (Diseases of the Digestive System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	K00-K14		
Dental caries	K02	0	0
Gingivitis and periodontal diseases	K05	2	0.01
Stomatitis and related lesions	K12	11	0.03
Remainder of diseases of Oral Cavity, Salivary Glands and Jaws	Remainder of K00-K14	8	0.02
DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM	K20-K31		
Diseases of oesophagus	K20-K22	17	0.05
Gastric ulcer	K25	136	0.42
Doudenal ulcer	K26	64	0.20
Peptic ulcer, site unspecified	K27	59	0.18
Gastrojejunal ulcer	K28	6	0.02
Gastritis and duodenitis	K29	23	0.07
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	23	0.07
DISEASES OF APPENDIX	K35-K38		
Acute appendicitis	K35	24	0.07
Other appendicitis	K36	1	0.00
Unspecified appendicitis	K37	0	0
Other diseases of the appendix	K38	1	0.00
HERNIA	K40-K46		
Inguinal hernia	K40	20	0.06
Other hernias	K41-K46	22	0.07

**JADUAL 3.18 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE DIGESTIVE SYSTEM (SAMB.)**

**Table 3.18 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Digestive System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Digestive System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
DISEASES OF INTESTINES AND PERITONEUM	K50-K67		
Crohn's disease and ulcerative colitis	K50-K51	8	0.02
Other noninfective gastroenteritis and colitis	K52	9	0.03
Paralytic ileus and intestinal obstruction without hernia	K56	91	0.28
Diverticular diseases of intestine	K57	56	0.17
Fissure and fistula of anal and rectal regions	K60	3	0.01
Abscess of anal and rectal regions	K61	15	0.05
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	220	0.67
Peritonitis	K65	266	0.81
Other disorders of peritoneum	K66-K67	20	0.06
OTHER DISEASES OF THE DIGESTIVE SYSTEM	K70-K93		
Alcoholic liver disease	K70	66	0.20
Hepatic failure, not elsewhere classified	K72	292	0.89
Chronic hepatitis, not elsewhere classified	K73	3	0.01
Fibrosis and cirrhosis of liver	K74	325	0.99
Cholelithiasis	K80	26	0.08
Cholecystitis	K81	39	0.12
Acute pancreatitis	K85	92	0.28
Remainder of other diseases of the digestive system	Remainder of K70-K93	1,037	3.17
JUMLAH/Total	K00-K93	2,985	9.13

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.19 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE GENITOURINARY SYSTEM**

Table 3.19 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022: Diseases of the Genitourinary System

DETAILED CAUSE GROUPS (Diseases of the Genitourinary System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
GLOMERULAR DISEASES	N00-N08		
Acute and progressive nephritic syndrome	N00-N01	150	0.46
Chronic nephritic syndrome	N03	1	0.00
Nephritic syndrome	N04	13	0.04
Remainder of glomerular diseases	Remainder of N00-N08	4	0.01
RENAL TUBULO-INTERSTITIAL DISEASES	N10-N16		
Renal tubulo-interstitial diseases	N10-N16	115	0.35
RENAL FAILURE	N17-N19		
Acute renal failure	N17	1,036	3.17
Chronic renal failure	N18	1,523	4.66
Unspecified renal failure	N19	48	0.15
OTHER DISEASES OF THE URINARY SYSTEM	N20-N39		
Calculus of kidney, ureter and lower urinary tract	N20-N22	29	0.09
Unspecified renal colic	N23	2	0.00
Other disorders of kidney and ureter	N25-N29	14	0.04
Cystitis	N30	5	0.02
Urethritis and urethral syndrome	N34	1	0.00
Urethral stricture	N35	0	0
Remainder of other diseases of the urinary system	Remainder of N20-N39	710	2.17

**JADUAL 3.19 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
DISEASES OF THE GENITOURINARY SYSTEM (SAMB.)**

**Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Diseases of the Genitourinary System (Cont'd)**

DETAILED CAUSE GROUPS (Diseases of the Genitourinary System)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
DISEASES OF MALE GENITAL ORGANS	N40-N51		
Hyperplasia of prostate	N40	36	0.11
Hydrocele and spermatocele	N43	1	0.00
Orchitis and epididymitis	N45	1	0.00
Male infertility	N46	0	0
Redundant prepuce, phimosis and paraphimosis	N47	0	0
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	52	0.16
DISORDERS OF BREAST	N60-N64		
Disorders of breast	N60-N64	10	0.03
DISORDERS OF FEMALE GENITAL ORGANS	N70-N99		
Salpingitis and oophoritis	N70	8	0.02
Inflammatory disease of uterus, except cervix	N71	0	0
Inflammatory disease of cervix uteri	N72	0	0
Other inflammatory diseases of female pelvic organs	N73-N77	11	0.03
Endometriosis	N80	1	0.00
Female genital prolapse	N81	1	0.00
Erosion and ectropian of cervix uteri	N86	0	0
Disorders of menstruation	N91-N92	1	0.00
Menopausal and other perimenopausal disorders	N95	1	0.00
Female infertility	N97	0	0
Remainder of disorders of female genital organs	Remainder of N70-N99	7	0.02
JUMLAH/Total	N00-N99	3,781	11.56

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.20 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD**

**Table 3.20 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Certain Conditions Originating in the Perinatal Period**

DETAILED CAUSE GROUPS (Certain Conditions Originating in the Perinatal Period)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY	P00-P04		
Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	P00-P04	38	0.12
DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH	P05-P08		
Slow fetal growth and fetal malnutrition	P05	4	0.01
Disorders related to short gestation and low birth weight, not elsewhere classified	P07	438	1.34
Disorders related to long gestation and high birth weight	P08	0	0
BIRTH TRAUMA	P10-P15		
Birth trauma	P10-P15	9	0.03
RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD	P20-P29		
Intrauterine hypoxia and birth asphyxia	P20-P21	15	0.05
Respiratory distress of newborn	P22	59	0.18
Neonatal aspiration syndrome	P24	56	0.17
Remainder of respiratory and cardiovascular disorders specific to the perinatal period	Remainder of P20-P29	199	0.61
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	P35-P39		
Infections specific to the perinatal period	P35-P39	95	0.29

**JADUAL 3.20 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SAMB.)**

**Table 3.20 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
Certain Conditions Originating in the Perinatal Period (Cont'd)**

DETAILED CAUSE GROUPS (Certain Conditions Originating in the Perinatal Period)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN	P50-P61		
Haemolytic disease of fetus and newborn	P55	2	0.01
Neonatal jaundice	P58-P59	2	0.01
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	65	0.20
OTHER DISORDERS OF FETUS AND NEWBORN	P70-P96		
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	14	0.04
Digestive system disorders of fetus and newborn	P75-P78	37	0.11
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	26	0.08
Convulsion of newborn	P90	2	0.01
Feeding problems of newborn	P92	0	0
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	97	0.30
JUMLAH/Total	P00-P96	1,158	3.54

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*

**JADUAL 3.21 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY**

**Table 3.21 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
External Causes of Morbidity and Mortality**

DETAILED CAUSE GROUPS (External Causes of Morbidity And Mortality)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
TRANSPORT ACCIDENTS	V01-V99		
Pedestrian injured in transport accident	V01-V09	1	0.00
Pedal cyclist injured in transport accident	V10-V19	0	0
Motorcycle Pedestrian injured in transport accident	V20-V29	6	0.02
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	0	0
Car occupant injured in transport accident	V40-V49	0	0
Occupant of pick-up truck or van injured in transport accident	V50-V59	0	0
Occupant of heavy transport vehicle injured in transport accident	V60-V69	0	0
Bus occupant injured in transport accident	V70-V79	0	0
Other land transport accidents	V80-V89	9	0.03
Water transport accidents	V90-V94	0	0
Air and space transport accidents	V95-V97	0	0
Other and unspecified transport accidents	V98-V99	0	0

**JADUAL 3.21 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

**Table 3.21 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
External Causes of Morbidity and Mortality (Cont'd)**

DETAILED CAUSE GROUPS (External Causes of Morbidity And Mortality)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY	W00-X59		
Falls	W00-W19	10	0.03
Exposure to inanimate mechanical factors	W20-W49	2	0.01
Exposure to animate mechanical factors	W50-W64	0	0
Accidental drowning and submersion	W65-W74	1	0.00
Other accidental threats to breathing	W75-W84	1	0.00
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	1	0.00
Exposure to smoke, fire and flames	X00-X09	5	0.02
Contact with heat and hot substances	X10-X19	0	0
Contact with venomous animals and plants	X20-X29	2	0.01
Exposure to forces of nature	X30-X39	0	0
Accidental poisoning by and exposure to noxious substances	X40-X49	5	0.02
Overexertion, travel and privation	X50-X57	0	0
Accidental exposure to other and unspecified factors	X58-X59	60	0.18

**JADUAL 3.21 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

**Table 3.21 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022:
External Causes of Morbidity and Mortality (Cont'd)**

DETAILED CAUSE GROUPS (External Causes of Morbidity And Mortality)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
INTENTIONAL SELF-HARM	X60-X84		
Intentional self-harm	X60-X84	1	0.00
ASSAULT	X85-Y09		
Assault	X85-Y09	0	0
EVENT OF UNDETERMINED INTENT	Y10-Y34		
Event of undetermined intent	Y10-Y34	7	0.02
LEGAL INTERVENTION AND OPERATIONS OF WAR	Y35-Y36		
Legal intervention and operations of war	Y35-Y36	0	0
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	Y40-Y84		
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40-Y59	4	0.01
Misadventures to patients during surgical and medical care	Y60-Y69	0	0
Medical devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82	0	0
Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	Y83-Y84	64	0.20
SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY	Y85-Y89		
Sequelae of External Causes of Morbidity and Mortality	Y85-Y89	0	0
SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE	Y90-Y98		
Supplementary Factors Related to Causes of Morbidity and Mortality Classified	Y90-Y98	0	0
JUMLAH/Total	V01-Y98	179	0.55

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**
Source : Health Informatics Centre,
Ministry of Health Malaysia

**JADUAL 3.22 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022:
CODES FOR SPECIAL PURPOSES**

Table 3.22 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2022: Codes For Special Purposes

DETAILED CAUSE GROUPS (Codes For Special Purposes)	KOD ICD - 10 ICD - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
PROVISIONAL ASSIGNMENT OF NEW DISEASES OF UNCERTAIN ETIOLOGY	U00-U49		
Severe acute respiratory syndrome (SARS)	U04	1	0.00
Emergency use of U07	U07	3,109	9.51
Personal history of COVID-19	U08	19	0.06
Post COVID-19 condition	U09	167	0.51
Multisystem inflammatory syndrome associated with COVID-19	U10	16	0.05
Need for immunization against COVID-19	U11	0	0
COVID-19 vaccines causing adverse effects in therapeutic use	U12	0	0
BACTERIAL AGENTS RESISTANT TO ANTIBIOTICS	U80-U89		
Bacterial agents resistant to antibiotics	U80-U89	10	0.03
JUMLAH/Total	U00-U89	3,322	10.16

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 3.23 : BILANGAN DAN PERATUS MURID SEKOLAH RENDAH DAN MENENGAH YANG ORALLY FIT MENGIKUT NEGERI, MALAYSIA, 2022

Table 3.23 : Number and Percentage of Orally Fit Primary and Secondary School Children, by State, Malaysia, 2022

NEGERI State	MURID SEKOLAH RENDAH Primary School Children				MURID SEKOLAH MENENGAH Secondary School Children			
	ENROLMEN Enrolment	KEDATANGAN BAHARU New Attendances	MURID YANG TIDAK PERLU RAWATAN PERGIGIAN Children Who Do Not Require Dental Treatment		ENROLMEN Enrolment	KEDATANGAN BAHARU New Attendances	MURID YANG TIDAK PERLU RAWATAN PERGIGIAN Children Who Do Not Require Dental Treatment	
			BILANGAN Number	%			BILANGAN Number	%
Johor	348,492	269,182	175,981	65.38	237,740	183,324	132,476	72.26
Kedah	190,872	159,181	95,429	59.95	142,927	108,869	72,663	66.74
Kelantan	174,169	167,120	54,087	32.36	138,671	125,598	55,706	44.35
Melaka	85,372	80,371	38,542	47.96	58,388	53,862	25,782	47.87
Negeri Sembilan	108,282	99,485	64,849	65.18	89,298	75,659	49,603	65.56
Pahang	150,058	146,541	60,548	41.32	105,165	99,871	54,945	55.02
Perak	196,355	147,132	87,177	59.25	159,310	103,581	68,071	65.72
Perlis	24,482	23,708	14,586	61.52	19,555	18,494	12,173	65.82
Pulau Pinang	126,960	124,935	74,086	59.30	93,113	91,016	68,627	75.40
Sabah	283,983	238,596	92,721	38.86	196,010	137,620	48,985	35.59
Sarawak	237,485	204,431	96,631	47.27	181,454	139,627	72,024	51.58
Selangor	549,287	394,855	255,946	64.82	359,820	252,771	188,944	74.75
Terengganu	139,786	135,423	56,649	41.83	97,248	87,442	42,242	48.31
W.P. Kuala Lumpur	133,507	94,115	63,303	67.26	80,239	66,178	50,985	77.04
W.P. Labuan	9,772	9,622	4,449	46.24	6,359	5,878	2,919	49.66
W.P. Putrajaya	22,331	15,886	9,775	61.53	10,568	9,293	5,627	60.55
MALAYSIA	2,781,193	2,310,583	1,244,759	53.87	1,975,865	1,559,083	951,772	61.05

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 3.24 : STATUS KARIES GIGI: BILANGAN MURID 12 TAHUN DENGAN M+X=0 MENGIKUT NEGERI, MALAYSIA, 2022

Table 3.24 : Dental Caries Status: Number of 12 Years Old School Children With M+X=0 by States, Malaysia, 2022

NEGERI State	MURID SEKOLAH 12 TAHUN 12 Years Old School Children		
	KEDATANGAN BAHARU 12 TAHUN 12 Years Old New Attendances	MURID 12 TAHUN DENGAN M+X=0 12 Years Old School Children With M+X=0	
		BILANGAN Number	%
Johor	42,701	41,687	97.63
Kedah	26,160	25,036	95.70
Kelantan	27,201	25,383	93.32
Melaka	12,321	12,217	99.16
Negeri Sembilan	15,548	15,271	98.22
Pahang	22,870	21,880	95.67
Perak	23,682	23,218	98.04
Perlis	3,763	3,632	96.52
Pulau Pinang	19,461	19,035	97.81
Sabah	38,218	34,476	90.21
Sarawak	34,596	32,794	94.79
Selangor	60,626	59,419	98.01
Terengganu	20,811	19,810	95.19
W.P. Kuala Lumpur	14,086	13,906	98.72
W.P. Labuan	1,382	1,327	96.02
W.P. Putrajaya	2,363	2,298	97.25
MALAYSIA	365,789	351,389	96.06

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 3.25 : STATUS KARIES GIGI: BILANGAN MURID 12 TAHUN DAN 16 TAHUN BEBAS KARIES (DMFX=0) MENGIKUT NEGERI, MALAYSIA, 2022

Table 3.25 : Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX=0) by State, Malaysia, 2022

NEGERI State	MURID SEKOLAH 12 TAHUN 12 Years Old School Children			MURID SEKOLAH 16 TAHUN 16 Years Old School Children		
	KEDATANGAN BAHARU New Attendances	12 TAHUN BEBAS KARIES DMFX=0 12 Years Old Carries Free With DMFX=0		KEDATANGAN BAHARU New Attendances	16 TAHUN BEBAS KARIES DMFX=0 16 Years Old Carries Free With DMFX=0	
		BILANGAN Number	%		BILANGAN Number	%
Johor	42,701	35,980	84.26	33,415	24,491	73.29
Kedah	26,160	21,147	80.84	20,095	13,996	69.65
Kelantan	27,201	15,742	57.87	23,695	8,874	37.45
Melaka	12,321	9,890	80.27	10,309	6,433	62.40
Negeri Sembilan	15,548	13,176	84.74	13,484	9,870	73.20
Pahang	22,870	14,972	65.47	18,220	9,387	51.52
Perak	23,682	18,896	79.79	19,068	13,466	70.62
Perlis	3,763	2,965	78.79	3,289	2,031	61.75
Pulau Pinang	19,461	16,043	82.44	16,584	11,808	71.20
Sabah	38,218	18,167	47.54	25,558	7,403	28.97
Sarawak	34,596	22,430	64.83	27,536	12,795	46.47
Selangor	60,626	51,738	85.34	46,504	36,064	77.55
Terengganu	20,811	14,646	70.38	15,980	6,920	43.30
W.P. Kuala Lumpur	14,086	12,257	87.02	12,394	9,777	78.88
W.P. Labuan	1,382	847	61.29	1,033	528	51.11
W.P. Putrajaya	2,363	1,834	77.61	1,445	1,012	70.03
MALAYSIA	365,789	270,730	74.01	288,609	174,855	60.59

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia



4

PETUNJUK KEMAJUAN PERKHIDMATAN KESIHATAN *HEALTH SERVICES IMPROVEMENT INDICATORS*

JADUAL 4.1 : TABURAN HOSPITAL DAN BILANGAN KATIL RASMI DI SEKTOR KERAJAAN MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.1 : Distribution of Hospitals and Officials Beds Strength in Public Sector by State, Malaysia as at 31 December 2022

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health Malaysia						BUKAN KEMENTERIAN KESIHATAN MALAYSIA Non Ministry of Health		JUMLAH BESAR Grand Total	
	HOSPITAL		INSTITUSI PERUBATAN KHAS Special Medical Institutions		JUMLAH Total		Bil./No.	Katil/Beds	Bil./No.	Katil/Beds
	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds				
Johor	11	4,301	1	1,132	12	5,433	-	-	12	5,433
Kedah	9	2,762	-	-	9	2,762	-	-	9	2,762
Kelantan	9	2,141	-	-	9	2,141	1	829	10	2,970
Melaka	3	1,310	-	-	3	1,310	1	144	4	1,454
Negeri Sembilan	7	1,941	-	-	7	1,941	1	36	8	1,977
Pahang	12	2,356	-	-	12	2,356	1	325	13	2,681
Perak	14	3,977	1	1,800	15	5,777	1	110	16	5,887
Perlis	1	508	-	-	1	508	-	-	1	508
Pulau Pinang	6	2,138	-	-	6	2,138	-	-	6	2,138
Sabah	22	4,053	2	960	24	5,013	1	40	25	5,053
Sarawak	21	3,653	2	466	23	4,119	-	-	23	4,119
Selangor	13	6,651	1	92	14	6,743	3	897	17	7,640
Terengganu	6	1,730	-	-	6	1,730	-	-	6	1,730
W.P. Kuala Lumpur	1	1,553	3	884	4	2,437	3	2,437	7	4,874
W.P. Labuan	1	122	-	-	1	122	-	-	1	122
W.P. Putrajaya	1	385	1	252	2	637	-	-	2	637
MALAYSIA	137	39,581	11	5,586	148	45,167	12	4,818	160	49,985

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.2 : BILANGAN FASILITI KESIHATAN AWAM DAN NISBAH FASILITI KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.2 : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2022

NEGERI State	BILANGAN KLINIK KESIHATAN Number of Health Clinic			JUMLAH KLINIK KESIHATAN Total Health Clinics	NISBAH KLINIK KESIHATAN: PENDUDUK Health Clinic: Population Ratio	PASUKAN KLINIK KESIHATAN BERGERAK Mobile Health Clinics Team	PERKHIDMATAN DOKTOR UDARA Flying Doctor Services	
	KLINIK KESIHATAN Health Clinics	KLINIK DESA Community Clinics	KLINIK KESIHATAN IBU DAN ANAK Maternal and Child Health Clinics				BIL. HELIKOPTER No. of Helicopter	PASUKAN Team
Johor	100	258	3	361	1: 11,159	21	-	-
Kedah	65	210	6	281	1: 7,698	4	-	-
Kelantan	109	149	-	258	1: 7,095	14	-	-
Melaka	33	58	-	91	1: 11,084	1	-	-
Negeri Sembilan	51	93	-	144	1: 8,388	8	-	-
Pahang	92	231	4	327	1: 4,937	19	-	-
Perak	88	227	10	325	1: 7,737	17	1	1
Perlis	12	28	-	40	1: 7,245	-	-	-
Pulau Pinang	36	56	5	97	1: 17,947	-	-	-
Sabah	113	166	21	301	1: 11,345	36	1	1
Sarawak	217	4	24	245	1: 10,096	95	3	9
Selangor	85	109	3	197	1: 35,788	13	-	-
Terengganu	52	123	1	176	1: 6,742	1	-	-
W.P. Kuala Lumpur	18	-	6	24	1: 81,717	-	-	-
W.P. Labuan	2	10	-	12	1: 9,750	-	-	-
W.P. Putrajaya	4	-	-	4	1: 24,225	-	-	-
MALAYSIA	1077	1722	83	2883	1: 11,342	229	5	11

SUMBER : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.2 : BILANGAN FASILITI KESIHATAN AWAM DAN NISBAH FASILITI KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2022 (SAMB.)

Table 4.2 : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2022 (Cont'd)

NEGERI State	KLINIK KOMUNITI ¹ Community Clinics ¹	KLINIK BERGERAK Mobile Clinics			
		BAS Bus	PASUKAN Team	BOT Boat	PASUKAN Team
Johor	28	1	2	0	0
Kedah	16	0	0	0	0
Kelantan	2	0	0	0	0
Melaka	17	0	0	0	0
Negeri Sembilan	11	0	0	0	0
Pahang	12	2	4	0	0
Perak	19	1	2	0	0
Perlis	-	0	0	0	0
Pulau Pinang	9	0	0	0	0
Sabah	28	1	1	2	4
Sarawak	26	1	1	2	4
Selangor	34	1	1	0	0
Terengganu	14	0	0	0	0
W.P. Kuala Lumpur	22	0	0	0	0
W.P. Labuan	1	0	0	0	0
W.P. Putrajaya	-	0	0	0	0
MALAYSIA	239	7	11	4	8

Nota/Note:

¹ Termasuk Pusat Transformasi Bandar (UTC) dan Pusat Transformasi Luar Bandar (RTC)

¹ Includes Urban Transformation Centre (UTC) and Rural Transformation Centre (RTC)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.3 : BILANGAN FASILITI PERGIGIAN DAN NISBAH KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.3 : Number of Dental Facilities and Ratio to Population by State, Malaysia as at 31 December 2022

NEGERI State	KLINIK/PERKHIDMATAN ¹ Clinics/Services ¹			NISBAH KLINIK PERGIGIAN: PENDUDUK Dental Clinic: Population Ratio	KLINIK PERGIGIAN BERGERAK Mobile Dental Clinics	PASUKAN PERGIGIAN BERGERAK Mobile Dental Teams		
	KLINIK STANDALONE Standalone Clinics	PERKHIDMATAN DI DALAM FASILITI LAIN Services in Other Facilities	JUMLAH Total			PRA SEKOLAH Pre-School	SEKOLAH RENDAH DAN MENENGAH Primary and Secondary School	WARGA TUA DAN KANAK- KANAK ISTIMEWA Elderly and Special Children
Johor	7	298	305	1:13,189	4	7	35	-
Kedah	3	201	204	1:10,642	3	13	33	-
Kelantan	7	226	233	1:7,851	3	10	50	-
Melaka	3	112	115	1:8,763	1	4	20	-
Negeri Sembilan	7	136	143	1:8,455	1	3	32	1
Pahang	2	237	239	1:6,747	2	9	36	-
Perak	5	264	269	1:9,374	3	9	28	3
Perlis	-	57	57	1:5,084	1	4	4	-
Pulau Pinang	1	152	153	1:11,363	3	14	35	-
Sabah	9	194	203	1:16,704	3	17	57	-
Sarawak	5	261	266	1:9,289	8	24	76	-
Selangor	4	220	224	1:31,421	3	9	53	-
Terengganu	4	143	147	1:8,075	2	8	34	-
W.P. Kuala Lumpur	5	117	122	1:15,944	2	6	9	-
W.P. Labuan	-	11	11	1:8,800	-	1	2	-
W.P. Putrajaya	1	14	15	1:8,020	-	-	2	-
MALAYSIA	63	2,643	2,706	1:12,066	39	138	506	4

Nota/Note:

¹ Jumlah Klinik Pergigian adalah merujuk kepada bilangan Klinik Pergigian *Standalone* dan Perkhidmatan Pergigian di dalam fasiliti yang lain dan TIDAK termasuk Pasukan Pergigian Bergerak, Pasukan Pergigian Bergerak Pra-sekolah, Klinik Pergigian Komuniti dan Klinik Pergigian Bergerak Komuniti

¹ *Number of Dental Clinics refer to Standalone Dental Clinics and Dental Services in other facilities excluding Mobile Dental Team, Pre school Mobile Dental Teams, Community Dental Clinics and Community Mobile Dental Clinics*

SUMBER : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.3 : BILANGAN FASILITI PERGIGIAN DAN NISBAH KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2022 (SAMB.)

Table 4.3 : Number of Dental Facilities and Ratio to Population by State, Malaysia as at 31 December 2022 (Cont'd)

NEGERI State	KLINIK PERGIGIAN KOMUNITI Community Dental Clinics			KLINIK PERGIGIAN BERGERAK KOMUNITI Community Mobile Dental Clinics
	KLINIK PERGIGIAN DI KLINIK KOMUNITI Dental Clinic in Community Clinic	KLINIK PERGIGIAN DI UTC Dental Clinics in UTC	KLINIK PERGIGIAN DI RTC Dental Clinics in RTC	KLINIK PERGIGIAN BERGERAK KOMUNITI (BAS) Community Mobile Dental Clinic (Bus)
Johor	-	2	-	-
Kedah	-	2	-	-
Kelantan	-	1	-	-
Melaka	-	1	1	-
Negeri Sembilan	-	1	-	-
Pahang	-	1	1	1
Perak	-	1	-	-
Perlis	-	1	-	-
Pulau Pinang	-	1	-	-
Sabah	-	3	-	-
Sarawak	-	3	2	-
Selangor	-	1	-	-
Terengganu	-	1	-	-
W.P. Kuala Lumpur	-	2	-	-
W.P. Labuan	1	1	-	-
W.P. Putrajaya	-	-	-	-
MALAYSIA	1	22	4	1

Nota/Note:

Pusat Transformasi Bandar (UTC) dan Pusat Transformasi Luar Bandar (RTC)
Urban Transformation Centre (UTC) and Rural Transformation Centre (RTC)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.4 : TABURAN FASILITI KESIHATAN BERLESEN DI SEKTOR SWASTA MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.4 : Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2022

NEGERI State	FASILITI KESIHATAN BERLESEN/Licensed Health Facilities									
	HOSPITAL SWASTA Private Hospital		RUMAH BERSALIN SWASTA Private Maternity Home		RUMAH JAGAAN KEJURURAWATAN SWASTA Private Nursing Home		HOSPIS SWASTA Private Hospice		PUSAT JAGAAN AMBULATORI SWASTA Private Ambulatory Care Centre	
	BIL. No.	KATIL Beds	BIL. No.	KATIL Beds	BIL. No.	KATIL Beds	BIL. No.	KATIL Beds	BIL. No.	KATIL Beds
Johor	29	1,841	1	1	4	217	2	12	25	52
Kedah	8	625	-	-	1	22	-	-	3	5
Kelantan	3	174	2	4	-	-	-	-	-	-
Melaka	4	929	-	-	1	16	-	-	5	9
Negeri Sembilan	8	642	1	2	-	-	1	-	5	12
Pahang	5	761	1	1	1	14	1	-	1	1
Perak	17	1,199	-	-	1	9	1	-	13	31
Perlis	1	37	-	-	-	-	-	-	-	-
Pulau Pinang	17	2,191	-	-	-	-	3	21	17	43
Sabah	8	358	1	1	-	-	-	-	9	11
Sarawak	13	609	-	-	5	209	1	-	9	18
Selangor	54	4,920	8	33	3	150	3	-	45	138
Terengganu	2	129	2	8	-	-	-	-	-	-
W.P. Kuala Lumpur	36	3,253	1	2	4	275	1	6	33	100
W.P. Labuan	-	-	-	-	-	-	-	-	-	-
W.P. Putrajaya	2	113	-	-	-	-	-	-	-	-
MALAYSIA	207	17,781	17	52	20	912	13	39	165	420

SUMBER : BAHAGIAN AMALAN PERUBATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Medical Practice Division,
Ministry of Health Malaysia

JADUAL 4.4 : TABURAN FASILITI KESIHATAN BERLESEN DI SEKTOR SWASTA MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2022 (SAMB.)

Table 4.4 : Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2022 (Cont'd)

NEGERI State	FASILITI KESIHATAN BERLESEN <i>Licensed Health Facilities</i>								FASILITI KESIHATAN BERDAFTAR <i>Registered Health Facilities</i>	
	BANK DARAH SWASTA <i>Private Blood Bank</i>		PUSAT HEMODIALISIS SWASTA <i>Private Haemodialysis Centre</i>		PUSAT KESIHATAN MENTAL MASYARAKAT SWASTA <i>Private Community Mental Health Centre</i>		PREMIS JAGAAN KESIHATAN SWASTA GABUNGAN <i>Ambulatory Care Centre Incorporating Private Haemodialysis Centre</i>		KLINIK PERUBATAN SWASTA <i>Private Medical Clinic</i>	KLINIK PERGIGIAN SWASTA <i>Private Dental Clinic</i>
	BIL. No.	BANK	BIL. No.	KERUSI Chairs	BIL. No.	KATIL Beds	BIL. No.	KATIL/KATIL DIALISIS/ KERUSI DIALISIS Bed/Dialysis Bed/ Dialysis Chairs	BIL. No.	BIL. No.
Johor	-	-	112	1,683	-	-	-	-	1,171	411
Kedah	-	-	51	557	-	-	-	-	465	139
Kelantan	-	-	32	295	-	-	-	-	262	104
Melaka	-	-	31	415	-	-	-	-	368	87
Negeri Sembilan	-	-	40	389	-	-	-	-	375	106
Pahang	-	-	41	422	-	-	-	-	290	92
Perak	-	-	59	776	-	-	-	-	728	191
Perlis	-	-	4	52	-	-	-	-	46	13
Pulau Pinang	-	-	49	610	-	-	-	-	667	252
Sabah	-	-	18	217	-	-	-	-	519	188
Sarawak	-	-	20	392	-	-	-	-	357	129
Selangor	3	13	142	1,557	-	-	-	-	2,927	1,167
Terengganu	-	-	27	246	-	-	-	-	268	80
W.P. Kuala Lumpur	2	15	42	592	1	-	2	16/3/26	1,355	551
W.P. Labuan	-	-	-	-	-	-	-	-	16	2
W.P. Putrajaya	-	-	1	6	-	-	-	-	16	10
MALAYSIA	5	28	669	8,209	1	0	2	16/3/26	9,830	3,522

SUMBER : BAHAGIAN AMALAN PERUBATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Medical Practice Division,
Ministry of Health Malaysia

JADUAL 4.5 : 10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022

Table 4.5 : 10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia, 2022

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN DISCAJ Number of Discharges	% KEPADA JUMLAH DISCAJ¹ % to Total Discharges¹
1	<i>Pregnancy, childbirth and the puerperium</i>	480,568	19.71
2	<i>Diseases of the respiratory system</i>	327,369	13.43
3	<i>Certain conditions originating in the perinatal period</i>	223,977	9.19
4	<i>Diseases of the circulatory system</i>	210,929	8.65
5	<i>Injury, poisoning and certain other consequences of external causes</i>	159,103	6.53
6	<i>Certain infectious and parasitic diseases</i>	154,490	6.34
7	<i>Codes for special purposes</i>	125,251	5.14
8	<i>Neoplasms</i>	117,997	4.84
9	<i>Diseases of the digestive system</i>	111,528	4.57
10	<i>Diseases of the genitourinary system</i>	91,618	3.76
JUMLAH/Total		2,002,830	82.14

Nota/Note:

¹ Peratus dikira berdasarkan keseluruhan discaj yang mempunyai kod ICD - 10

¹ Percentage is derived based on total discharges with ICD - 10 Codes

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.6 : 10 SEBAB UTAMA KEMATIAN¹ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2022

Table 4.6 : 10 Principal Causes of Death¹ in Ministry of Health Hospitals, Malaysia, 2022

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN KEMATIAN Number of Deaths	% KEPADA JUMLAH KEMATIAN² % to Total Deaths²
1	<i>Diseases of the circulatory system</i>	14,693	20.79
2	<i>Diseases of the respiratory system</i>	14,518	20.55
3	<i>Certain infectious and parasitic diseases</i>	8,201	11.61
4	<i>Neoplasms</i>	6,563	9.29
5	<i>Diseases of the genitourinary system</i>	3,802	5.38
6	<i>Codes for special purposes¹</i>	3,361	4.76
7	<i>Endocrine, nutritional and metabolic diseases</i>	3,092	4.38
8	<i>Diseases of the digestive system</i>	3,006	4.25
9	<i>External causes of morbidity and mortality</i>	2,511	3.55
10	<i>Diseases of the nervous system</i>	1,263	1.79
JUMLAH/Total		61,010	86.34

Nota/Notes:

¹ Berdasarkan punca kematian/*Based on underlying causes of death*

² Peratus dikira berdasarkan keseluruhan punca kematian yang mempunyai kod ICD - 10

² *Percentage is derived based on total underlying causes of death with ICD - 10 Codes*

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*

JADUAL 4.7 : 10 SEBAB UTAMA KEMASUKAN DI HOSPITAL SWASTA, MALAYSIA, 2022

Table 4.7 : 10 Principal Causes of Hospitalisation in Private Hospitals, Malaysia, 2022

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN DISCAJ Number of Discharges	% KEPADA JUMLAH DISCAJ¹ % to Total Discharges¹
1	<i>Diseases of the respiratory system</i>	151,899	16.59
2	<i>Certain infectious and parasitic diseases</i>	109,845	12.00
3	<i>Diseases of the digestive system</i>	94,617	10.34
4	<i>Diseases of the circulatory system</i>	73,789	8.06
5	<i>Injury, poisoning and certain other consequences of external causes</i>	67,001	7.32
6	<i>Pregnancy, childbirth and the puerperium</i>	66,843	7.30
7	<i>Diseases of the genitourinary system</i>	63,104	6.89
8	<i>Diseases of the musculoskeletal system and connective tissue</i>	61,116	6.68
9	<i>Factors influencing health status and contact with health services</i>	44,309	4.84
10	<i>Neoplasms</i>	39,662	4.33
JUMLAH/Total		772,185	84.35

Nota/Note:

¹ Peratus dikira berdasarkan keseluruhan discaj yang mempunyai kod ICD - 10

¹ *Percentage is derived based on total discharges with ICD - 10 Codes*

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*

JADUAL 4.8 : 10 SEBAB UTAMA KEMATIAN¹ DI HOSPITAL SWASTA, MALAYSIA, 2022

Table 4.8 : 10 Principal Causes of Death¹ in Private Hospitals, Malaysia, 2022

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN KEMATIAN Number of Deaths	% KEPADA JUMLAH KEMATIAN² % to Total Deaths²
1	<i>Neoplasms</i>	906	26.44
2	<i>Diseases of the circulatory system</i>	791	23.09
3	<i>Certain infectious and parasitic diseases</i>	571	16.67
4	<i>Diseases of the respiratory system</i>	529	15.44
5	<i>Diseases of the digestive system</i>	148	4.32
6	<i>Diseases of the genitourinary system</i>	144	4.20
7	<i>Codes for special purposes</i>	76	2.22
8	<i>Injury, poisoning and certain other consequences of external causes</i>	46	1.34
9	<i>Endocrine, nutritional and metabolic diseases</i>	44	1.28
10	<i>Certain conditions originating in the perinatal period</i>	32	0.93
JUMLAH/Total		3,287	95.94

Nota/Notes:

¹ Berdasarkan diagnosis punca utama kematian

¹ *Based on immediate causes of death*

² Peratus dikira berdasarkan keseluruhan punca kematian yang mempunyai kod ICD - 10

² *Percentage is derived based on total underlying causes of death with ICD - 10 Codes*

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*

JADUAL 4.9 : 10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA DAN SWASTA, 2022

Table 4.9 : 10 Principal Causes of Hospitalization in Ministry of Health and Private Hospitals, Malaysia, 2022

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN DISCAJ Number of Discharges	% KEPADA JUMLAH DISCAJ¹ % to Total Discharges¹
1	<i>Pregnancy, childbirth and the puerperium</i>	549,336	16.27
2	<i>Diseases of the respiratory system</i>	480,979	14.25
3	<i>Diseases of the circulatory system</i>	285,268	8.45
4	<i>Certain infectious and parasitic diseases</i>	265,141	7.85
5	<i>Certain conditions originating in the perinatal period</i>	244,437	7.24
6	<i>Injury, poisoning and certain other consequences of external causes</i>	226,503	6.71
7	<i>Diseases of the digestive system</i>	206,520	6.12
8	<i>Neoplasms</i>	157,724	4.67
9	<i>Diseases of the genitourinary system</i>	154,992	4.59
10	<i>Codes for special purposes*</i>	134,019	3.97
JUMLAH/Total		2,704,919	80.13

Nota/Note:

¹ Peratus dikira berdasarkan keseluruhan discaj yang mempunyai kod ICD - 10

¹ Percentage is derived based on total discharges with ICD - 10 Codes

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.10 : KADAR KES KEMATIAN¹ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018 - 2022**Table 4.10 : Hospital Case Fatality Rate¹ in Ministry of Health Hospitals, Malaysia, 2018 - 2022**

PERKARA Subject	2018	2019	2020	2021	2022
Jumlah Kematian di Hospital KKM <i>Total Number of Deaths in MOH Hospitals</i>	62,205	64,395	58,144	83,613	72,207
Jumlah Discaj di Hospital KKM <i>Total Number of Discharges in MOH Hospitals</i>	2,630,709	2,688,906	2,285,981	2,332,098	2,533,174
Kadar Kes Kematian di Hospital KKM <i>Case Fatality Rate in MOH Hospitals</i>	2.36	2.39	2.54	3.59	2.85

Nota/Note:¹ Berdasarkan jumlah kematian dan discaj yang mempunyai kod ICD - 10¹ Based on total death and discharges with ICD - 10 codes**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.11 : BILANGAN KEMASUKAN MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2022

Table 4.11 : Number of Admissions by Sector and State, Malaysia, 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA ² Private Sector ²	JUMLAH KEMASUKAN Total Admission
	KEMENTERIAN KESIHATAN MALAYSIA ¹ Ministry of Health ¹		BUKAN KKM Non-MOH		
	HOSPITAL	INSTITUSI PERUBATAN KHAS Special Medical Institutions			
Johor	309,126	1,600	-	95,780	406,506
Kedah	196,852	-	-	35,092	231,944
Kelantan	143,813	-	46,625	16,008	206,446
Melaka	82,094	-	1,907	49,546	133,547
Negeri Sembilan	116,117	-	705	54,495	171,317
Pahang	140,338	-	-	24,159	164,497
Perak	239,858	1,822	3,300	68,223	313,203
Perlis	29,097	-	-	3,752	32,849
Pulau Pinang	133,840	-	-	107,383	241,223
Sabah	194,580	42,598	340	11,910	249,428
Sarawak	189,497	6,133	-	49,658	245,288
Selangor	390,518	18	33,327	296,232	720,095
Terengganu	142,349	-	-	14,044	156,393
W.P. Kuala Lumpur	63,974	58,179	82,792	130,009	334,954
W.P. Labuan	8,916	-	-	-	8,916
W.P. Putrajaya	31,660	9,147	-	-	40,807
MALAYSIA	2,412,629	119,497	168,996	956,291	3,657,413

Nota/Notes:

¹ Berdasarkan 99.95% kadar kemasukan data/*Based on 99.95% submission rate*

² Berdasarkan 76.71% kadar respon. Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta.

² *Based on 76.71% response rate. Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice*

SUMBER : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.12 : BILANGAN KEDATANGAN PESAKIT LUAR MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2022

Table 4.12 : Number of Outpatient Attendances by Sector and State, Malaysia, 2022

NEGERI State	SEKTOR AWAM Public Sector				SEKTOR SWASTA ³ Private Sector ³	JUMLAH PESAKIT LUAR Total Patients
	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health			BUKAN KKM Non-MOH		
	HOSPITAL ¹	INSTITUSI PERUBATAN KHAS ¹ Special Medical Institutions ¹	FASILITI KESIHATAN AWAM ² Public Health Facilities ²			
Johor	2,055,597	30,008	4,521,440	-	225,443	6,832,488
Kedah	1,518,839	-	2,925,760	-	70,366	4,514,965
Kelantan	809,768	-	2,855,398	331,263	87,948	4,084,377
Melaka	502,582	-	2,118,739	46,170	72,006	2,739,497
Negeri Sembilan	720,955	-	2,182,061	20,140	96,313	3,019,469
Pahang	958,240	-	2,477,144	-	51,015	3,486,399
Perak	2,017,704	24,017	4,257,035	43,786	341,958	6,684,500
Perlis	218,709	-	660,408	-	39,116	918,233
Pulau Pinang	1,171,391	-	3,013,445	-	204,312	4,389,148
Sabah	1,697,928	175,230	2,397,488	12,985	161,405	4,445,036
Sarawak	1,556,880	65,289	3,368,097	-	434,197	5,424,463
Selangor	2,751,577	-	4,903,937	459,648	1,583,306	9,698,468
Terengganu	706,298	-	1,534,990	-	44,292	2,285,580
W.P. Kuala Lumpur	691,637	215,606	1,785,181 ⁴	1,614,317	376,469	4,683,210
W.P. Labuan	67,652	-	140,445	-	-	208,097
W.P. Putrajaya	303,830	60,453	-	-	:	364,283
MALAYSIA	17,749,587	570,603	39,141,568	2,528,309	3,788,146	63,778,233

Nota/Notes:

- ¹ Berdasarkan 100% kadar respon/*Based on 100% response rate*
 - ² Berdasarkan 100% kadar respon/*Based on 100% response rate*
 - ³ Berdasarkan 76.71% kadar respon. Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta.
 - ³ *Based on 76.71% response rate. Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice*
 - ⁴ Termasuk W.P. Putrajaya/*Includes W.P. Putrajaya*
- : Tidak diperoleh/*Not obtained*

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*

JADUAL 4.13 : BILANGAN KEDATANGAN PERKHIDMATAN RAWATAN HARIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.13 : Number of Day Care Attendances in Ministry of Health Hospitals by State, Malaysia, 2022

NEGERI State	RAWATAN HARIAN ¹ Day Care ¹		
	HOSPITAL	INSTITUSI PERUBATAN KHAS Special Medical Institutions	JUMLAH Total
Johor	167,774	-	167,774
Kedah	137,429	-	137,429
Kelantan	106,864	-	106,864
Melaka	41,317	-	41,317
Negeri Sembilan	90,199	-	90,199
Pahang	109,082	-	109,082
Perak	139,574	-	139,574
Perlis	19,284	-	19,284
Pulau Pinang	52,159	-	52,159
Sabah	225,537	25,595	251,132
Sarawak	262,297	19,143	281,440
Selangor	180,326	-	180,326
Terengganu	129,152	-	129,152
W.P. Kuala Lumpur	53,007	11,579	64,586
W.P. Labuan	16,598	-	16,598
W.P. Putrajaya	10,755	16,597	27,352
MALAYSIA	1,741,354	72,914	1,814,268

Nota/Note:

¹ Berdasarkan 94.47% kadar kemasukan data/*Based on 94.47% submission rate*

SUMBER : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.14 : BILANGAN KEDATANGAN PERKHIDMATAN SOKONGAN KLINIKAL DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.14 : Number of Clinical Support Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2022

NEGERI State	SOKONGAN KLINIKAL Clinical Support											
	REHABILITASI PERUBATAN (PENDENGARAN) ¹ Medical Rehabilitation (Hearing) ¹		REHABILITASI PERUBATAN (PERTUTURAN) ² Medical Rehabilitation (Speech) ²		PERKHIDMATAN KERJA SOSIAL PERUBATAN ³ Medical Social Services ³		DIETETIK ⁴ Dietetic ⁴		PERKHIDMATAN PEMULIHAN PERUBATAN CARAKERJA ⁵ Medical Rehabilitation (Occupational Therapy) ⁵		PERKHIDMATAN PEMULIHAN PERUBATAN ANGGOTA ⁶ Medical Fisioterapi Services ⁶	
	Manual Submission	MyHDW Submission	Manual Submission	MyHDW Submission	Manual Submission	MyHDW Submission	Manual Submission	MyHDW Submission	Manual Submission	MyHDW Submission	Manual Submission	MyHDW Submission
Johor	29,533	21,019	13,687	12,447	13,987	11,134	57,262	50,659	103,298	81,974	216,222	195,364
Kedah	13,180	12,321	8,137	5,806	6,441	6,161	32,670	28,747	66,805	61,412	139,712	122,127
Kelantan	8,653	1,641	5,097	4,209	5,468	4,283	23,554	18,908	40,430	33,356	115,874	93,920
Melaka	6,486	5,424	2,179	2,089	2,843	2,479	23,458	22,946	28,320	28,182	77,962	78,887
Negeri Sembilan	8,024	7,850	3,399	3,192	4,559	2,817	23,654	22,073	44,974	37,167	94,783	66,274
Pahang	8,744	5,556	5,438	5,351	5,784	3,985	21,925	21,879	46,540	42,676	105,891	104,087
Perak	14,945	12,320	10,809	9,925	10,035	7,038	42,295	40,814	140,007	126,753	203,534	208,260
Perlis	4,542	4,499	3,068	3,010	1,883	1,656	5,217	2,887	14,242	11,398	31,607	26,375
Pulau Pinang	11,228	10,640	6,860	6,605	8,286	5,098	23,001	16,562	89,898	92,541	146,987	148,111
Sabah	11,040	3,521	7,891	4,965	11,475	6,996	35,515	30,582	99,203	78,447	232,716	200,259
Sarawak	13,804	4,562	9,864	9,508	14,752	12,679	34,062	30,960	91,499	83,921	187,378	173,744
Selangor	27,784	8,858	17,670	13,211	17,076	14,316	82,420	52,970	110,946	87,629	246,444	155,090
Terengganu	7,242	4,084	4,311	3,432	4,085	3,609	28,130	25,280	56,665	30,307	76,158	67,994
W.P. Kuala Lumpur	9,943	9,561	11,801	11,079	8,604	6,868	47,513	41,858	65,281	55,465	232,087	211,632
W.P. Labuan	0	0	745	728	601	597	1,428	1,412	3,563	3,343	5,563	4,050
W.P. Putrajaya	5,379	337	3,868	3,491	3,009	849	23,826	16,947	15,860	12,318	38,722	27,453
MALAYSIA	180,527	112,193	114,824	99,048	118,888	90,565	505,930	425,484	1,017,531	866,889	2,151,640	1,883,627

Nota/Notes:

- ¹ Berdasarkan 62.15% kadar kemasukan data/*Based on 62.15% submission rate*
- ² Berdasarkan 86.26% kadar kemasukan data/*Based on 86.26% submission rate*
- ³ Berdasarkan 76.18% kadar kemasukan data/*Based on 76.18% submission rate*
- ⁴ Berdasarkan 84.10% kadar kemasukan data/*Based on 84.10% submission rate*
- ⁵ Berdasarkan 85.20% kadar kemasukan data/*Based on 85.20% submission rate*
- ⁶ Berdasarkan 87.54% kadar kemasukan data/*Based on 87.54% submission rate*

SUMBER : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.15 : BILANGAN KEDATANGAN PERKHIDMATAN KESIHATAN IBU DAN ANAK MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.15 : Number of Antenatal and Child Services Health Attendances by State, Malaysia, 2022

NEGERI State	KEDATANGAN ANTENATAL Antenatal Attendances	KEDATANGAN POSTNATAL Postnatal Attendances	KEDATANGAN KANAK-KANAK Child Attendances
Johor	673,312	72,358	832,910
Kedah	346,628	29,087	628,223
Kelantan	421,182	30,538	542,248
Melaka	176,599	13,833	204,557
Negeri Sembilan	275,552	16,160	254,911
Pahang	366,436	22,252	547,300
Perak	435,709	29,539	536,446
Perlis	42,711	3,617	55,464
Pulau Pinang	274,026	15,872	422,589
Sabah	441,917	41,146	713,083
Sarawak	360,780	30,134	527,455
Selangor	1,115,093	95,769	2,684,397
Terengganu	399,337	24,501	565,003
W.P. Kuala Lumpur	310,871	12,606	270,121
W.P. Labuan	20,852	1,616	26,026
W.P. Putrajaya	26,855	1,639	33,197
MALAYSIA	5,687,860	440,667	8,843,930

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*

JADUAL 4.16 : LIPUTAN SEKOLAH OLEH PERKHIDMATAN KESIHATAN SEKOLAH MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.16 : School Coverage by Health Services by State, Malaysia, 2022

NEGERI State	SEKOLAH RENDAH Primary Schools			SEKOLAH MENENGAH Secondary Schools		
	BILANGAN SEKOLAH No. of Schools	BIL. SEKOLAH YANG DILIPUTI No. of Schools Covered	% DILIPUTI % Covered	BILANGAN SEKOLAH No. of Schools	BIL. SEKOLAH YANG DILIPUTI No. of Schools Covered	% DILIPUTI % Covered
Johor	994	994	100.00	344	343	99.71
Kedah	623	621	99.68	204	204	100.00
Kelantan	445	445	100.00	252	249	98.81
Melaka	244	244	100.00	62	62	100.00
Negeri Sembilan	439	439	100.00	156	153	98.08
Pahang	595	554	93.11	277	231	83.39
Perak	932	891	95.60	338	331	97.93
Perlis	68	68	100.00	46	46	100.00
Pulau Pinang	262	262	100.00	128	128	100.00
Sabah	1,128	1,098	97.34	245	217	88.57
Sarawak	1,507	1,507	100.00	676	676	100.00
Selangor	937	936	99.89	386	383	99.22
Terengganu	486	368	75.72	158	121	76.58
W.P. Kuala Lumpur	207	207	100.00	110	110	100.00
W.P. Labuan	21	18	85.71	17	17	100.00
W.P. Putrajaya	23	23	100.00	12	12	100.00
MALAYSIA	8,911	8,675	97.35	3,411	3,283	96.25

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.17 : BILANGAN KEDATANGAN PERKHIDMATAN KESIHATAN PERGIGIAN MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.17 : Number of Dental Health Services Attendances by State, Malaysia, 2022

NEGERI State	KEDATANGAN PERKHIDMATAN KESIHATAN PERGIGIAN Dental Health Services Attendances
Johor	1,097,712
Kedah	690,146
Kelantan	921,722
Melaka	457,443
Negeri Sembilan	503,273
Pahang	814,134
Perak	931,338
Perlis	144,793
Pulau Pinang	644,312
Sabah	949,760
Sarawak	868,109
Selangor	1,463,301
Terengganu	625,587
W.P. Kuala Lumpur	488,088
W.P. Labuan	51,665
W.P. Putrajaya	95,622
MALAYSIA	10,747,005

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.18 : LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH, MALAYSIA, 2022

Table 4.18 : Coverage of School Children Treated Under Oral Health Care and Percentage Given All Required Oral Health Treatment, Malaysia, 2022

NEGERI State	ENROLMEN MURID SEKOLAH School Children Enrolment	KEDATANGAN BAHARU New Attendances	LIPUTAN Coverage %	MURID SEKOLAH YANG DIBERI RAWATAN PENUH (PERGIGIAN) School Children Completed All Required Treatment (Oral Health)	
				BILANGAN Number	LIPUTAN Coverage (%)
Johor	586,232	452,506	77.19	382,617	65.27
Kedah	333,799	268,050	80.30	203,596	60.99
Kelantan	312,840	292,718	93.57	200,345	64.04
Melaka	143,760	134,233	93.37	114,012	79.31
Negeri Sembilan	197,580	175,144	88.64	134,221	67.93
Pahang	255,223	246,412	96.55	215,385	84.39
Perak	355,665	250,713	70.49	241,432	67.88
Perlis	44,037	42,202	95.83	35,295	80.15
Pulau Pinang	220,073	215,951	98.13	196,158	89.13
Sabah	479,993	376,216	78.38	229,345	47.78
Sarawak	418,939	344,058	82.13	253,013	60.39
Selangor	909,107	647,626	71.24	515,037	56.65
Terengganu	237,034	222,865	94.02	148,000	62.44
W.P. Kuala Lumpur	213,746	160,293	74.99	151,205	70.74
W.P. Labuan	16,131	15,500	96.09	13,778	85.41
W.P. Putrajaya	32,899	25,179	76.53	24,272	73.78
MALAYSIA	4,757,058	3,869,666	81.35	3,057,711	64.28

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.19 : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2022

Table 4.19 : Index of Health Legislation in Malaysia, Up to 2022

NO. Rank	TAJUK Title	NO. Rank	TAJUK Title
1	Akta Jururawat 1950 (Disemak 1969) (Akta 14) <i>Nurses Act 1950 (Revised – 1969) (Act 14)</i>	17	Akta Bidan 1966 (Disemak – 1990) (Akta 436) <i>Midwives Act 1966 (Revised – 1990) (Act 436)</i>
2	Akta Perubatan 1971 (Akta 50) <i>Medical Act 1971 (Act 50)</i>	18	Akta Optik 1991 (Akta 469) <i>Optical Act 1991 (Act 469)</i>
3	Akta Pergigian 1971 (Dimansuhkan – 2018) (Akta 51) <i>Dental Act 1971 (Repealed – 2018) (Act 51)</i>	19	Akta Teleperubatan 1997 (Akta 564) – Belum Berkuatkuasa <i>Telemedicine Act 1997 (Act 564) – Not Yet Enforce</i>
4	Akta Tisu Manusia 1974 (Akta 130) <i>Human Tissues Act 1974 (Act 130)</i>	20	Akta Kemudahan Dan Perkhidmatan Jagaan Kesihatan Swasta 1998 (Akta 586) <i>Private Healthcare Facilities And Services Act 1998 (Act 586)</i>
5	Akta Permusnahan Serangga Pembawa Penyakit 1975 (Akta 154) <i>Destruction of Disease-Bearing Insects Act 1975 (Act 154)</i>	21	Akta Kesihatan Mental 2001 (Akta 615) <i>Mental Health Act 2001 (Act 615)</i>
6	Akta Pembantu Perubatan (Pendaftaran) 1977 (Akta 180) <i>Medical Assistants (Registration) Act 1977 (Act 180)</i>	22	Akta Lembaga Promosi Kesihatan Malaysia 2006 (Dimansuhkan – 2019) (Akta 651) <i>Malaysian Health Promotion Board Act 2006 (Repealed – 2019) (Act 651)</i>
7	Akta Dadah Berbahaya 1952 (Disemak – 1980) (Akta 234) <i>Dangerous Drugs Act 1952 (Revised – 1980) (Act 234)</i>	23	Akta Makmal Patologi 2007 (Akta 674) – Belum Berkuatkuasa <i>Pathology Laboratory Act 2007 (Act 674) – Not Yet Enforce</i>
8	Akta Hidrogen Sainaid (Fumigasi) 1953 (Disemak – 1981) (Akta 260) <i>Hydrogen Cyanide (Fumigation) Act 1953 (Revised – 1981) (Act 260)</i>	24	Akta Juruanalisis Makanan 2011 (Akta 727) <i>Food Analyst Act 2011 (Act 727)</i>
9	Akta Makanan 1983 (Akta 281) <i>Food Act 1983 (Act 281)</i>	25	Akta Peranti Perubatan 2012 (Akta 737) <i>Medical Device Act 2012 (Act 737)</i>
10	Akta Ubat (Iklan Dan Penjualan) 1956 (Disemak – 1983) (Akta 290) <i>Medicines (Advertisement And Sale) Act 1956 (Revised – 1983) (Act 290)</i>	26	Akta Pihak Berkuasa Peranti Perubatan 2012 (Akta 738) <i>Medical Device Authority Act 2012 (Act 738)</i>
11	Akta Pelesenan Tenaga Atom 1984 (Akta 304) <i>Atomic Energy Licensing Act 1984 (Act 304)</i>	27	Akta Profesion Kesihatan Bersekutu 2016 (Akta 774) <i>Allied Health Professions Act 2016 (Act 774)</i>
12	Akta Pencegahan Dan Pengawalan Penyakit Berjangkit 1988 (Akta 342) <i>Prevention And Control of Infectious Diseases Act 1988 (Act 342)</i>	28	Akta Perubatan Tradisional Dan Komplementari 2016 (Akta 775) <i>Traditional And Complementary Medicine Act 2016 (Act 775)</i>
13	Akta Racun 1952 (Disemak – 1989) (Akta 366) <i>Poisons Act 1952 (Revised – 1989) (Act 366)</i>	29	Akta Kemudahan Dan Perkhidmatan Jagaan Kesihatan Warga Emas Swasta (Akta 802) – Belum Berkuatkuasa <i>Private Aged Healthcare Facilities And Services Act 2018 (Act 802) - Not Yet Enforce</i>
14	Akta Jualan Dadah 1952 (Disemak – 1989) (Akta 368) <i>Sale of Drugs Act 1952 (Revised – 1989) (Act 368)</i>	30	Akta Pergigian 2018 (Akta 804) <i>Dental Act 2018 (Act 804)</i>
15	Akta Pendaftaran Ahli Farmasi 1951 (Disemak – 1989) (Akta 371) <i>Registration of Pharmacists Act 1951 (Revised – 1989) (Act 371)</i>	31	Akta Lembaga Promosi Kesihatan Malaysia 2019 (Akta 824) <i>Malaysian Health Promotion Board Act 2019 (Act 824)</i>
16	Akta Pembantu Hospital Estet (Pendaftaran) 1965 (Disemak 1990) (Akta 435) <i>Estate Hospital Assistants (Registration) Act 1965 (Revised – 1990) (Act 435)</i>		

SUMBER : PEJABAT PENASIHAT UNDANG-UNDANG, KEMENTERIAN KESIHATAN MALAYSIA

Source : Legal Advisor Office,
Ministry of Health Malaysia

**JADUAL 4.20 : BILANGAN DOKTOR BERDAFTAR MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA
SEPERTI PADA 31 DISEMBER 2022**

Table 4.20 : Number of Registered Doctors by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SIJIL PERAKUAN AMALAN TAHUNAN ¹ Annual Practicing Certificate ¹				PEGAWAI PERUBATAN LATIHAN SISWAZAH ^{2,3} House Officer ^{2,3}		JUMLAH DOKTOR BERDAFTAR ⁵ Total Registered Doctor ⁵			NISBAH DOKTOR BERDAFTAR KEPADA PENDUDUK Registered Doctor to Population Ratio
	KKM MOH	Bukan KKM Non-MOH	SEKTOR SWASTA Private Sector	JUMLAH Total	SEKTOR AWAM Public Sector	SEKTOR AWAM ⁴ Public Sector ⁴	SEKTOR SWASTA Private Sector	JUMLAH Total		
Johor	4,187	86	1,849	6,122	750	5,023	1,849	6,872	1: 586	
Kedah	2,601	72	657	3,330	506	3,179	657	3,836	1: 564	
Kelantan	2,466	1,086	333	3,885	504	4,056	333	4,389	1: 417	
Melaka	1,727	69	631	2,427	325	2,121	631	2,752	1: 366	
Negeri Sembilan	2,428	113	618	3,159	335	2,876	618	3,494	1: 346	
Pahang	2,130	476	444	3,050	321	2,927	444	3,371	1: 479	
Perak	3,445	106	1,110	4,661	663	4,214	1,110	5,324	1: 472	
Perlis	527	10	61	598	117	654	61	715	1: 405	
Pulau Pinang	2,539	85	1,284	3,908	372	2,996	1,284	4,280	1: 407	
Sabah	3,496	115	621	4,232	582	4,193	621	4,814	1: 709	
Sarawak	3,470	119	609	4,198	416	4,005	609	4,614	1: 536	
Selangor	8,200	1,001	4,916	14,117	1,173	10,374	4,916	15,290	1: 461	
Terengganu	1,711	84	329	2,124	324	2,119	329	2,448	1: 485	
W.P. Kuala Lumpur	3,823	2,356	2,808	8,987	1,152	7,331	2,808	10,139	1: 193	
W.P. Labuan	99	3	23	125	0	102	23	125	1: 775	
W.P. Putrajaya	1,914	4	208	2,126	105	2,023	208	2,231	1: 52	
JUMLAH/Total	44,763	5,785	16,501	67,049	7,645	58,193	16,501	74,694		
Pendaftaran Penuh¹/Full Registration¹								4,749		
MALAYSIA								79,443	1: 412	

Nota/Notes:

- ¹ Data dari Majlis Perubatan Malaysia/Data from Malaysian Medical Council
- ² Sektor awam termasuk Badan Berkanun/Public sector includes Statutory Body
- ³ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia/Data from Human Resource Division, Ministry of Health Malaysia
- ⁴ Data dari Kementerian Pertahanan Malaysia (45 Pegawai Perubatan Latihan Siswazah di WPKL)/ Data from Ministry of Defence Malaysia (45 House Officers in WPKL)
- ⁵ Jumlah doktor berdaftar merujuk kepada doktor yang berdaftar dengan Majlis Perubatan Malaysia dan Pegawai Perubatan Latihan Siswazah/The total registered doctor refers to doctors registered with the Malaysian Medical Council and House Officers

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.21: BILANGAN DOKTOR GIGI¹ MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.21 : Number of Dental Practitioner¹ by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH DOKTOR GIGI KEPADA PENDUDUK Dentist to Population Ratio
	KKM MOH	BUKAN KKM Non-MOH	JUMLAH Total			
Johor	676	10	686	668	1,354	1: 2,975
Kedah	499	8	507	211	718	1: 3,013
Kelantan	550	114	664	123	787	1: 2,326
Melaka	361	8	369	166	535	1: 1,885
Negeri Sembilan	453	10	463	157	620	1: 1,948
Pahang	557	67	624	140	764	1: 2,113
Perak	590	9	599	283	882	1: 2,851
Perlis	140	1	141	27	168	1: 1,725
Pulau Pinang	412	19	431	379	810	1: 2,149
Sabah	415	11	426	266	692	1: 4,935
Sarawak	436	5	441	205	646	1: 3,829
Selangor	750	191	941	1,888	2,829	1: 2,492
Terengganu	520	4	524	105	629	1: 1,886
W.P. Kuala Lumpur	428	426	854	960	1,814	1: 1,081
W.P. Labuan	29	1	30	5	35	1: 2,769
W.P. Putrajaya	128	0	128	25	153	1: 765
MALAYSIA	6,944	884	7,828	5,608	13,436	1: 2,434

Nota/Note:

¹ Data dari Majlis Pergigian Malaysia

¹ Data from Malaysian Dental Council

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.22 : BILANGAN PEGAWAI FARMASI¹ MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.22 : Number of Pharmacists¹ by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH AHLI FARMASI KEPADA PENDUDUK Pharmacist to Population Ratio
	KKM MOH	BUKAN KKM Non-MOH	JUMLAH Total			
Johor	1,119	2	1,121	621	1,742	1: 2,312
Kedah	701	1	702	337	1,039	1: 2,082
Kelantan	556	47	603	172	775	1: 2,362
Melaka	360	3	363	198	561	1: 1,798
Negeri Sembilan	478	1	479	247	726	1: 1,664
Pahang	622	44	666	175	841	1: 1,920
Perak	1,096	2	1,098	433	1,531	1: 1,642
Perlis	133	1	134	26	160	1: 1,811
Pulau Pinang	829	42	871	574	1,445	1: 1,205
Sabah	803	6	809	291	1,100	1: 3,104
Sarawak	807	1	808	467	1,275	1: 1,940
Selangor	2,205	69	2,274	2,164	4,438	1: 1,589
Terengganu	469	4	473	120	593	1: 2,001
W.P. Kuala Lumpur	730	143	873	895	1,768	1: 1,109
W.P. Labuan	52	0	52	6	58	1: 1,671
W.P. Putrajaya	253	3	256	21	277	1: 422
SIJIL TAHUNAN Annual Certificate	11,213	369	11,582	6,747	18,329	
PENDAFTARAN PENUH Full Registration					1,449	
MALAYSIA					19,778	1: 1,653

Nota/Note:

¹ Data dari Lembaga Farmasi Malaysia. Data tahun 2022 termasuk Sijil Tahunan, Pendaftaran Penuh (baharu).

¹ Data from Pharmacy Board Malaysia Data of 2022 includes Annual Certificate and Fully Registration (new).

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.23 : BILANGAN JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.23 : Number of Nurses by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA ² Private Sector ²	JUMLAH Total	NISBAH JURURAWAT KEPADA PENDUDUK Nurse to Population Ratio
	KKM ¹ MOH ¹	BUKAN KKM ² Non-MOH ²	JUMLAH Total			
Johor	6,998	57	7,055	3,774	10,829	1: 372
Kedah	4,961	20	4,981	1,387	6,368	1: 340
Kelantan	4,176	1,512	5,688	533	6,221	1: 294
Melaka	2,274	152	2,426	1,763	4,189	1: 241
Negeri Sembilan	3,000	37	3,037	1,300	4,337	1: 279
Pahang	4,308	28	4,336	1,902	6,238	1: 259
Perak	6,668	114	6,782	2,049	8,831	1: 285
Perlis	988	10	998	83	1,081	1: 268
Pulau Pinang	3,794	52	3,846	4,785	8,631	1: 202
Sabah	8,051	100	8,151	1,141	9,292	1: 368
Sarawak	6,506	139	6,645	1,632	8,277	1: 299
Selangor	9,343	1,033	10,376	9,463	19,839	1: 355
Terengganu	3,194	176	3,370	537	3,907	1: 304
W.P. Kuala Lumpur	5,643	4,527	10,170	7,183	17,353	1: 113
W.P. Labuan	355	4	359	24	383	1: 253
W.P. Putrajaya	1,175	2	1,177	163	1,340	1: 87
MALAYSIA	71,434	7,963	79,397	37,719	117,116	1: 279

Nota/Notes:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk jawatan lantikan tetap, kontrak dan jawatan kader)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including permanent, contract and cadre post)

² Data dari Lembaga Jururawat Malaysia

² Data from Malaysian Nursing Board

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.24 : BILANGAN JURURAWAT MASYARAKAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.24 : Number of Community Nurses by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA ² Private Sector ²	JUMLAH Total	NISBAH JURURAWAT MASYARAKAT KEPADA PENDUDUK Community Nurse to Population Ratio
	KKM ¹ MOH ¹	BUKAN KKM ² Non-MOH ²	JUMLAH Total			
Johor	1,844	26	1,870	31	1,901	1: 2,119
Kedah	1,697	8	1,705	10	1,715	1: 1,261
Kelantan	1,680	9	1,689	9	1,698	1: 1,078
Melaka	693	15	708	4	712	1: 1,417
Negeri Sembilan	856	16	872	6	878	1: 1,376
Pahang	1,687	12	1,699	9	1,708	1: 945
Perak	1,948	18	1,966	4	1,970	1: 1,276
Perlis	322	1	323	1	324	1: 894
Pulau Pinang	910	9	919	35	954	1: 1,825
Sabah	3,558	17	3,575	18	3,593	1: 950
Sarawak	2,272	11	2,283	33	2,316	1: 1,068
Selangor	2,299	19	2,318	32	2,350	1: 3,000
Terengganu	1,414	11	1,425	3	1,428	1: 831
W.P. Kuala Lumpur	556	30	586	70	656	1: 2,990
W.P. Labuan	108	2	110	0	110	1: 881
W.P. Putrajaya	224	0	224	45	269	1: 435
MALAYSIA	22,068	204	22,272	310	22,582	1: 1,448

Nota/Notes:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk jawatan kader)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including cadre post)

² Data dari Lembaga Jururawat Malaysia/Data from Malaysian Nursing Board

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.25 : BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.25 : Number of Assistant Medical Officers by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA ² Private Sector ²	JUMLAH Total	NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK Assistant Medical Officer to Population Ratio
	KKM ¹ MOH ¹	BUKAN KKM ² Non-MOH ²	JUMLAH Total			
Johor	1,661	33	1,694	311	2,005	1: 2,009
Kedah	1,190	23	1,213	150	1,363	1: 1,587
Kelantan	1,094	21	1,115	241	1,356	1: 1,350
Melaka	688	21	709	111	820	1: 1,230
Negeri Sembilan	898	25	923	153	1,076	1: 1,123
Pahang	1,214	35	1,249	203	1,452	1: 1,112
Perak	1,719	34	1,753	188	1,941	1: 1,295
Perlis	313	6	319	14	333	1: 870
Pulau Pinang	1,021	80	1,101	147	1,248	1: 1,395
Sabah	2,214	31	2,245	186	2,431	1: 1,405
Sarawak	2,305	27	2,332	352	2,684	1: 922
Selangor	2,587	329	2,916	997	3,913	1: 1,802
Terengganu	936	12	948	159	1,107	1: 1,072
W.P. Kuala Lumpur	1,121	42	1,163	672	1,835	1: 1,069
W.P. Labuan	106	2	108	14	122	1: 794
W.P. Putrajaya	400	0	400	22	422	1: 277
MALAYSIA	19,467	721	20,188	3,920	24,108	1: 1,356

Nota/Notes:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk lantikan tetap, kontrak dan jawatan kader)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including permanent, contract and cadre post)

² Data dari Lembaga Pembantu Perubatan Malaysia/Data from Malaysian Medical Assistant Board

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.26 : BILANGAN PENOLONG PEGAWAI FARMASI MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.26 : Number of Assistant Pharmacy Officers by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA ² Private Sector ²	JUMLAH Total	NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK Assistant Pharmacy Officer to Population Ratio
	KKM ¹ MOH ¹	BUKAN KKM ² Non-MOH ²	JUMLAH Total			
Johor	443	6	449	140	589	1: 6,839
Kedah	258	6	264	68	332	1: 6,515
Kelantan	287	81	368	29	397	1: 4,611
Melaka	160	17	177	73	250	1: 4,034
Negeri Sembilan	173	3	176	63	239	1: 5,054
Pahang	298	6	304	54	358	1: 4,509
Perak	396	11	407	130	537	1: 4,682
Perlis	47	4	51	9	60	1: 4,830
Pulau Pinang	202	27	229	217	446	1: 3,903
Sabah	534	4	538	17	555	1: 6,153
Sarawak	492	7	499	49	548	1: 4,514
Selangor	528	18	546	265	811	1: 8,693
Terengganu	256	2	258	3	261	1: 4,546
W.P. Kuala Lumpur	229	274	503	265	768	1: 2,554
W.P. Labuan	15	0	15	0	15	1: 6,460
W.P. Putrajaya	82	0	82	1	83	1: 1,410
MALAYSIA	4,400	466	4,866	1,383	6,249	1: 5,233

Nota/Notes:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk jawatan kader)

¹ *Data from Human Resource Division, Ministry of Health Malaysia (including cadre post)*

² Data dari Lembaga Farmasi Malaysia/*Data from Pharmacy Board Malaysia*

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

**JADUAL 4.27 : BILANGAN JURUTERAPI PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA
SEPERTI PADA 31 DISEMBER 2022**

Table 4.27 : Number of Dental Therapist by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA ² Private Sector ²	JUMLAH Total	NISBAH JURUTERAPI PERGIGIAN KEPADA PENDUDUK BERUMUR ≤ 18 TAHUN Dental Therapist to Population Age ≤ 18 Year Ratio
	KKM ¹ MOH ¹	BUKAN KKM ² Non-MOH ²	JUMLAH Total			
Johor	191	0	191	0	191	1: 6,242
Kedah	172	0	172	0	172	1: 3,912
Kelantan	205	32	237	0	237	1: 2,905
Melaka	109	1	110	1	111	1: 2,740
Negeri Sembilan	131	1	132	0	132	1: 2,852
Pahang	202	7	209	0	209	1: 2,609
Perak	234	1	235	0	235	1: 3,132
Perlis	62	0	62	0	62	1: 1,374
Pulau Pinang	201	2	203	0	203	1: 2,130
Sabah	376	2	378	0	378	1: 3,010
Sarawak	416	2	418	0	418	1: 1,647
Selangor	245	13	258	4	262	1: 7,327
Terengganu	158	1	159	0	159	1: 2,671
W.P. Kuala Lumpur	132	19	151	0	151	1: 3,256
W.P. Labuan	14	0	14	0	14	1: 2,314
W.P. Putrajaya	33	0	33	0	33	1: 1,512
MALAYSIA	2,881	81	2,962	5	2,967	1: 3,296

Nota/Notes:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia

¹ Data from Human Resource Division, Ministry of Health Malaysia

² Data dari Lembaga Juruterapi Pergigian Malaysia

² Data from Malaysian Dental Therapists Board

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.28 : BILANGAN JURUTEKNOLOGI PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI, DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPerti PADA 31 DISEMBER 2022

Table 4.28 : Number of Dental Technologists in Public Sector by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH JURUTEKNOLOGI PERGIGIAN KEPADA PENDUDUK Dental Technologist to Population Ratio
	KKM' MOH'	BUKAN KKM Non-MOH	JUMLAH Total			
Johor	75		75		75	1: 53,711
Kedah	74		74		74	1: 29,231
Kelantan	95		95		95	1: 19,269
Melaka	46		46		46	1: 21,926
Negeri Sembilan	65		65		65	1: 18,583
Pahang	74		74		74	1: 21,815
Perak	94		94		94	1: 26,749
Perlis	28		28		28	1: 10,350
Pulau Pinang	56	n.a	56	n.a	56	1: 31,088
Sabah	114		114		114	1: 29,955
Sarawak	131		131		131	1: 18,882
Selangor	112		112		112	1: 62,949
Terengganu	84		84		84	1: 14,126
W.P. Kuala Lumpur	57		57		57	1: 34,407
W.P. Labuan	3		3		3	1: 32,300
W.P. Putrajaya	11		11		11	1: 10,636
MALAYSIA	1,119		1,119		1,119	1: 29,221

Nota/Note:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk pegawai lantikan tetap & kontrak)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including permanent & contract officer)

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.29 : BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI, DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.29 : Number of Dental Surgery Assistants in Public Sector by State, and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK Dental Surgery Assistant to Population Ratio
	KKM ¹ MOH ¹	BUKAN KKM Non-MOH	JUMLAH Total			
Johor	460		460		460	1: 8,757
Kedah	289		289		289	1: 7,485
Kelantan	357		357		357	1: 5,128
Melaka	222		222		222	1: 4,543
Negeri Sembilan	269		269		269	1: 4,490
Pahang	382		382		382	1: 4,226
Perak	383		383		383	1: 6,565
Perlis	104	n.a	104	n.a	104	1: 2,787
Pulau Pinang	315		315		315	1: 5,527
Sabah	364		364		364	1: 9,382
Sarawak	437		437		437	1: 5,660
Selangor	524		524		524	1: 13,455
Terengganu	325		325		325	1: 3,651
W.P. Kuala Lumpur	292		292		292	1: 6,716
W.P. Labuan	21		21		21	1: 4,614
W.P. Putrajaya	47		47		47	1: 2,489
MALAYSIA	4,791		4,791		4,791	1: 6,825

Nota/Note:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk pegawai lantikan tetap & kontrak)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including permanent & contract officer)

SUMBER : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

**JADUAL 4.30 : BILANGAN OPTOMETRIS¹ BERDAFTAR MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA
SEPERTI PADA 31 DISEMBER 2022**

Table 4.30 : Number of Registered Optometrists¹ by State, Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	PENDAFTARAN BAHARU New Registration	JUMLAH Total	NISBAH OPTOMETRIS KEPADA PENDUDUK Optometrist to Population Ratio
	KKM MOH	BUKAN KKM Non-MOH	JUMLAH Total				
Johor	29	0	29	151	25	205	1: 19,650
Kedah	21	0	21	83	17	121	1: 17,877
Kelantan	16	5	21	73	9	103	1: 17,773
Melaka	9	0	9	72	0	81	1: 12,452
Negeri Sembilan	13	0	13	63	6	82	1: 14,730
Pahang	17	21	38	48	13	99	1: 16,306
Perak	24	0	24	83	6	113	1: 22,251
Perlis	4	0	4	12	0	16	1: 18,113
Pulau Pinang	13	0	13	158	6	177	1: 9,836
Sabah	25	1	26	52	3	81	1: 42,159
Sarawak	22	0	22	57	9	88	1: 28,108
Selangor	47	27	74	631	68	773	1: 9,121
Terengganu	17	1	18	69	14	101	1: 11,749
W.P. Kuala Lumpur	30	25	55	324	18	397	1: 4,940
W.P. Labuan	3	0	3	2	0	5	1: 19,380
W.P. Putrajaya	15	0	15	17	0	32	1: 3,656
MALAYSIA	305	80	385	1,895	194	2,474	1: 13,217

Nota/Note:

¹ Data dari Majlis Optik Malaysia

¹ Data from Malaysian Optical Malaysia

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.31 : BILANGAN JURUOPTIK¹ BERDAFTAR MENGIKUT NEGERI DI SEKTOR SWASTA DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPerti PADA 31 DISEMBER 2022

Table 4.31 : Number of Registered Opticians¹ by State in Private Sector and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR SWASTA Private Sector	PENDAFTARAN BAHARU New Registration	JUMLAH Total	NISBAH JURUOPTIK KEPADA PENDUDUK Optician to Population Ratio
Johor	346	3	349	1: 11,542
Kedah	90	0	90	1: 24,034
Kelantan	39	3	42	1: 43,586
Melaka	94	1	95	1: 10,617
Negeri Sembilan	101	3	104	1: 11,614
Pahang	92	5	97	1: 16,642
Perak	223	1	224	1: 11,225
Perlis	10	0	10	1: 28,980
Pulau Pinang	164	2	166	1: 10,487
Sabah	125	3	128	1: 26,679
Sarawak	128	0	128	1: 19,324
Selangor	624	6	630	1: 11,191
Terengganu	18	0	18	1: 65,922
W.P. Kuala Lumpur	379	12	391	1: 5,016
W.P. Labuan	3	0	3	1: 32,300
W.P. Putrajaya	7	0	7	1: 16,714
MALAYSIA	2,443	39	2,482	1: 13,174

Nota/Note:

¹ Data dari Majlis Optik Malaysia

¹ Data from Malaysian Optical Council

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

**JADUAL 4.32 : BILANGAN PEGAWAI KESIHATAN PERSEKITARAN¹ MENGIKUT NEGERI DAN NISBAH KEPADA PENDUDUK, MALAYSIA
SEPERTI PADA 31 DISEMBER 2022**

Table 4.32 : Number of Environmental Health Officers¹ by State and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health Malaysia	NISBAH PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK Environmental Health Officer to Population Ratio
Johor	19	1: 212,016
Kedah	20	1: 108,155
Kelantan	20	1: 91,530
Melaka	9	1: 112,067
Negeri Sembilan	12	1: 100,658
Pahang	15	1: 107,620
Perak	24	1: 104,767
Perlis	5	1: 57,960
Pulau Pinang	16	1: 108,806
Sabah	31	1: 110,158
Sarawak	27	1: 91,611
Selangor	31	1: 227,429
Terengganu	13	1: 91,277
W.P. Kuala Lumpur	14	1: 140,086
W.P. Labuan	3	1: 32,300
W.P. Putrajaya	42	1: 2,786
MALAYSIA	301	1: 108,632

Nota/Note:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk jawatan kader)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including cadre post)

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.33 : BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN¹ MENGIKUT NEGERI DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.33 : Number of Assistant Environmental Health Officers¹ by State and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health Malaysia	NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK Assistant Environmental Health Officer to Population Ratio
Johor	478	1: 8,427
Kedah	408	1: 5,302
Kelantan	409	1: 4,476
Melaka	157	1: 6,424
Negeri Sembilan	272	1: 4,441
Pahang	404	1: 3,996
Perak	391	1: 6,431
Perlis	89	1: 3,256
Pulau Pinang	296	1: 5,881
Sabah	818	1: 4,175
Sarawak	843	1: 2,934
Selangor	747	1: 9,438
Terengganu	300	1: 3,955
W.P. Kuala Lumpur	273	1: 7,184
W.P. Labuan	47	1: 2,062
W.P. Putrajaya	104	1: 1,125
MALAYSIA	6,036	1: 5,417

Nota/Note:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk lantikan tetap, kontrak dan jawatan kader)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including permanent, contract officer and cadre post)

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.34 : BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN¹ MENGIKUT NEGERI DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.34 : Number of Medical Laboratory Technologists¹ by State and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK Medical Laboratory Technologist to Population Ratio
	KKM MOH	BUKAN KKM Non-MOH	JUMLAH Total			
Johor	643		643		643	1: 6,265
Kedah	421		421		421	1: 5,138
Kelantan	515		515		515	1: 3,555
Melaka	256		256		256	1: 3,940
Negeri Sembilan	363		363		363	1: 3,328
Pahang	458		458		458	1: 3,525
Perak	608		608		608	1: 4,136
Perlis	86		86		86	1: 3,370
Pulau Pinang	333	n.a	333	n.a	333	1: 5,228
Sabah	955		955		955	1: 3,576
Sarawak	1,012		1,012		1,012	1: 2,444
Selangor	955		955		955	1: 7,383
Terengganu	346		346		346	1: 3,429
W.P. Kuala Lumpur	727		727		727	1: 2,698
W.P. Labuan	37		37		37	1: 2,619
W.P. Putrajaya	110		110		110	1: 1,064
MALAYSIA	7,825		7,825		7,825	1: 4,179

Nota/Note:

- ¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia
¹ Data from Human Resource Division, Ministry of Health Malaysia

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.35 : BILANGAN JURU X-RAY¹ MENGIKUT NEGERI DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.35 : Number of Radiographers¹ by State and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH JURU X-RAY KEPADA PENDUDUK Radiographer to Population Ratio
	KKM MOH	BUKAN KKM Non-MOH	JUMLAH Total			
Johor	392		392		392	1: 10,276
Kedah	213		213		213	1: 10,155
Kelantan	185		185		185	1: 9,895
Melaka	110		110		110	1: 9,169
Negeri Sembilan	155		155		155	1: 7,793
Pahang	190		190		190	1: 8,496
Perak	270		270		270	1: 9,313
Perlis	46		46		46	1: 6,300
Pulau Pinang	206	n.a	206	n.a	206	1: 8,451
Sabah	389		389		389	1: 8,779
Sarawak	369		369		369	1: 6,703
Selangor	444		444		444	1: 15,879
Terengganu	145		145		145	1: 8,183
W.P. Kuala Lumpur	267		267		267	1: 7,345
W.P. Labuan	16		16		16	1: 6,056
W.P. Putrajaya	165		165		165	1: 709
MALAYSIA	3,562		3,562		3,562	1: 9,180

Nota/Note:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk jawatan kader)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including cadre post)

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.36: BILANGAN JURUPULIH CARA KERJA¹ MENGIKUT NEGERI DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.36 : Number of Occupational Therapists¹ by State and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH JURUPULIH CARA KERJA KEPADA PENDUDUK Occupational Therapist to Population Ratio
	KKM MOH	BUKAN KKM Non-MOH	JUMLAH Total			
Johor	153		153		153	1: 26,329
Kedah	84		84		84	1: 25,751
Kelantan	75		75		75	1: 24,408
Melaka	49		49		49	1: 20,584
Negeri Sembilan	77		77		77	1: 15,687
Pahang	81		81		81	1: 19,930
Perak	152		152		152	1: 16,542
Perlis	24	n.a	24	n.a	24	1: 12,075
Pulau Pinang	95		95		95	1: 18,325
Sabah	175		175		175	1: 19,514
Sarawak	134		134		134	1: 18,459
Selangor	138		138		138	1: 51,089
Terengganu	83		83		83	1: 14,296
W.P. Kuala Lumpur	97		97		97	1: 20,219
W.P. Labuan	6		6		6	1: 16,150
W.P. Putrajaya	19		19		19	1: 6,158
MALAYSIA	1,442		1,442		1,442	1: 22,676

Nota/Note:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk jawatan kader)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including cadre post)

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.37 : BILANGAN PEGAWAI PEMULIHAN PERUBATAN (FISIOTERAPI)¹ MENGIKUT NEGERI DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.37 : Number of Physiotherapists¹ by State and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH PEGAWAI PEMULIHAN PERUBATAN (FISIOTERAPI) KEPADA PENDUDUK Physiotherapist to Population Ratio
	KKM MOH	BUKAN KKM Non-MOH	JUMLAH Total			
Johor	144		144		144	1: 27,974
Kedah	91		91		91	1: 23,770
Kelantan	103		103		103	1: 17,773
Melaka	60		60		60	1: 16,810
Negeri Sembilan	81		81		81	1: 14,912
Pahang	98		98		98	1: 16,472
Perak	126		126		126	1: 19,956
Perlis	24	n.a	24	n.a	24	1: 12,075
Pulau Pinang	98		98		98	1: 17,764
Sabah	186		186		186	1: 18,360
Sarawak	180		180		180	1: 13,742
Selangor	173		173		173	1: 40,753
Terengganu	86		86		86	1: 13,798
W.P. Kuala Lumpur	149		149		149	1: 13,162
W.P. Labuan	7		7		7	1: 13,843
W.P. Putrajaya	37		37		37	1: 3,162
MALAYSIA	1,643		1,643		1,643	1: 19,901

Nota/Note:

¹ Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk jawatan kader)

¹ Data from Human Resource Division, Ministry of Health Malaysia (including cadre post)

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.38 : BILANGAN PENGAMAL PERUBATAN TRADISIONAL DAN KOMPLEMENTARI (PT&K)¹ BERDAFTAR DI SEKTOR SWASTA MENGIKUT NEGERI DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2022

Table 4.38 : Number of Traditional and Complementary Medicine (T&CM) Practitioner¹ in Private Sector by State and Ratio to Population, Malaysia as at 31 December 2022

NEGERI State	SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH PENGAMAL PT&K KEPADA PENDUDUK T&CM Practitioner to Population Ratio
Johor	556	556	1: 7,245
Kedah	155	155	1: 13,955
Kelantan	92	92	1: 19,898
Melaka	154	154	1: 6,549
Negeri Sembilan	190	190	1: 6,357
Pahang	67	67	1: 24,094
Perak	388	388	1: 6,480
Perlis	25	25	1: 11,592
Pulau Pinang	311	311	1: 5,598
Sabah	78	78	1: 43,781
Sarawak	127	127	1: 19,476
Selangor	1,191	1,191	1: 5,920
Terengganu	38	38	1: 31,226
W.P. Kuala Lumpur	688	688	1: 2,851
W.P. Labuan	1	1	1: 96,900
W.P. Putrajaya	15	15	1: 7,800
MALAYSIA	4,076	4,076	1: 8,022

Nota/Note:

¹ Data dari Bahagian Perubatan Tradisional dan Komplementari, Kementerian Kesihatan Malaysia

¹ Data from Traditional and Complementary Medicine Division, Ministry of Health Malaysia

**SUMBER : BAHAGIAN PERANCANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.39 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN PRA PERKHIDMATAN MENGIKUT PROGRAM DI INSTITUSI LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2022

Table 4.39 : Total Intake of Trainees for Pre-service Training Program by Programme in the Training Institution of Ministry of Health, Malaysia, 2022

JENIS Type	BILANGAN INSTITUSI LATIHAN KKM No. of MOH Training Institution	PENGAMBILAN TAHUNAN Annual Intake
JURUPULIH CARA KERJA <i>Occupational Therapist</i>	2	54
JURUPULIH ANGGOTA <i>Physiotherapist</i>	2	47
JURU X-RAY <i>Radiographer</i>	2	30
JURUTEKNOLOGI MAKMAL PERUBATAN <i>Medical Laboratory Technologist</i>	2	137
PENOLONG PEGAWAI PERUBATAN <i>Medical Assistant</i>	6	441
JURURAWAT ¹ <i>Nurse¹</i>	16	1,287
PENOLONG PEGAWAI FARMASI <i>Pharmacist Assistant</i>	1	89
PEN. PEG. KESIHATAN PERSEKITARAN <i>Assistant Environmental Health Officer</i>	2	111
PEMBANTU KESIHATAN AWAM <i>Public Health Assistant</i>	3	134
JURUTERAPI PERGIGIAN ² <i>Dental Therapist²</i>	1	39
JURUTEKNOLOGI PERGIGIAN <i>Dental Technologist</i>	1	39
PEMBANTU PEMBEDAHAN PERGIGIAN <i>Dental Surgery Assistant</i>	1	187

Nota/Notes:

¹ Merujuk kepada pengambilan Pelatih Jururawat dan Jururawat Program Peningkatan Secara Latihan (PSL)
Refer to Nurses Intake and Nurses for Programme Improvement via Training

² Sebelum ini dikenali sebagai Jururawat Pergigian
Formerly known as Dental Nurse

SUMBER : BAHAGIAN PENGURUSAN LATIHAN, KEMENTERIAN KESIHATAN MALAYSIA

*Source : Training Management Division
Ministry of Health Malaysia*

JADUAL 4.40 : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2022

Table 4.40 : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2022

JENIS KURSUS <i>Type of Course</i>	PENGAMBILAN PELATIH MAKSIMA <i>Training Capacity</i>	JAWATAN PENGAJAR YANG ADA <i>Teaching Post Available</i>	NISBAH TENAGA PENGAJAR KEPADA PELATIH ¹ <i>Ratio of Teaching Staff to Students¹</i>
JURUPULIH CARA KERJA <i>Occupational Therapist</i>	163	29	1 : 6
JURUPULIH ANGGOTA <i>Physiotherapist</i>	142	30	1 : 5
JURU X-RAY <i>Radiographer</i>	146	38	1 : 4
JURUTEKNOLOGI MAKMAL PERUBATAN <i>Medical Laboratory Technologist</i>	343	78	1 : 4
PEMBANTU PERUBATAN <i>Medical Assistant</i>	1,261	137	1 : 9
JURURAWAT <i>Nurse</i>	2,462	516	1 : 5
PEMBANTU FARMASI <i>Pharmacist Assistant</i>	290	20	1 : 15
PEN. PEG. KESIHATAN PERSEKITARAN <i>Assistant Environmental Health Officer</i>	299	83	1 : 4
PEMBANTU KESIHATAN AWAM <i>Public Health Assistant</i>	186		1 : 2
JURUTERAPI PERGIGIAN <i>Dental Therapist</i>	89	26	1 : 3
JURUTEKNOLOGI PERGIGIAN <i>Dental Technologist</i>	79	9	1 : 9
PEMBANTU PEMBEDAHAN PERGIGIAN <i>Dental Surgery Assistant</i>	268		1 : 30

Nota/Notes:

- ¹ Berasaskan kepada bilangan Tenaga Pengajar dan Pelatih Maksima
Based on Number of Teaching Posts and Training Capacity of Students.
- ² Sebelumnya dikenali sebagai Jururawat Pergigian
Formerly known as Dental Nurse

SUMBER : BAHAGIAN PENGURUSAN LATIHAN, KEMENTERIAN KESIHATAN

*Source : Training Management Division
Ministry of Health*

JADUAL 4.41 : PERUNTUKAN BELANJA MENGURUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM, MALAYSIA, 2022

Table 4.41 : Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2022

KOD PROGRAM Program Code	TAJUK Title	PERUNTUKAN Allocation (RM)	PERBELANJAAN Expenditure (RM)	PERATUSAN PERBELANJAAN Expenditure Percentage
010000	Pengurusan/ <i>Management</i>	1,915,157,874	1,915,156,059	100.00
020000	Rawatan Perubatan/ <i>Medical Care</i>	11,821,377,851	11,821,436,872	100.00
030000	Kesihatan Awam/ <i>Public Health</i>	5,308,962,746	5,308,997,236	100.00
040000	Kesihatan Pergigian/ <i>Oral Health</i>	1,075,349,874	1,075,349,822	100.00
050000	Perkhidmatan Farmasi/ <i>Pharmaceutical Services</i>	220,910,735	220,910,892	100.00
060000	Penyelidikan dan Sokongan Teknikal/ <i>Research and Technical Support</i>	354,094,869	354,094,214	100.00
070000	Keselamatan dan Kualiti Makanan/ <i>Food Safety and Quality</i>	105,042,821	105,042,288	100.00
080000	Program Khusus/ <i>Specific Program</i>	5,838,231,230	6,215,004,416	106.45
990000	Komitmen Kewangan	1,390,872,000	1,692,076,592	121.66
	JUMLAH/Total	28,030,000,000	28,708,068,391	102.42

**SUMBER : BAHAGIAN KEWANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Finance Division,
Ministry of Health Malaysia

JADUAL 4.42 : PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK, MALAYSIA, 2022

Table 4.42 : Actual Development Allocation and Expenditure by Project Details, Malaysia, 2022

KOD PROGRAM Program Code	TAJUK Title	PERUNTUKAN Allocation (RM)	PERBELANJAAN Expenditure (RM)	PERATUSAN PERBELANJAAN Expenditure Percentage
00100	Latihan/ <i>Training</i>	25,009,935	24,758,751	99.00
00200	Kesihatan Awam/ <i>Public Health</i>	369,269,012	355,082,409	96.16
00300	Kemudahan Hospital/ <i>Hospital Facilities</i>	2,800,431,103	2,793,623,920	99.76
00400	Hospital Baru/ <i>New Hospitals</i>	364,586,637	361,466,324	99.14
00500	Penyelidikan dan Pembangunan/ <i>Research and Development</i>	21,344,648	20,842,568	97.65
00600	Ubahsuai, Naiktaraf dan Pembaikan/ <i>Restructure, Upgrade and Repairs</i>	97,274,405	94,563,706	97.21
00700	Perolehan dan Penyelenggaraan Tanah/ <i>Land Procurement and Maintenances</i>	11,202,421	10,286,868	91.83
00800	Kemudahan Teknologi Maklumat dan Komunikasi/ <i>Information Technology and Communication Facilities</i>	38,489,695	38,162,212	99.15
00900	Penyelenggaraan Kuarters KKM/ <i>Maintenances of KKM Quarters</i>	85,475,411	85,397,135	99.91
00900	Kemudahan Anggota/ <i>Staff Facilities</i>	-	-	-
01000	Promosi Kesihatan/ <i>Health Promotion</i>	-	-	-
01100	Peralatan dan Kenderaan/ <i>Equipments and Vehicles</i>	489,916,772	476,864,002	97.34
01200	Projek <i>Public Private Partnership</i> (PPP)	75,529,771	75,271,906	99.66
09000	Pelbagai Suntikan Modal/Program Pembangunan Pelancongan Kesihatan	1,100,000	1,100,000	100.00
94000	NKEA - <i>National Key Economic Area</i>	-	-	-
JUMLAH/Total		4,379,629,810	4,337,419,801	99.04

**SUMBER : BAHAGIAN PEMBANGUNAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : *Development Division,
Ministry of Health Malaysia*

JADUAL 4.43 : PERATUS PERUNTUKAN BELANJAWAN KESIHATAN BERBANDING DENGAN BELANJAWAN NEGARA, MALAYSIA, 2022

Table 4.43 : Percentage of Health Budget Allocation to Total National Budget, Malaysia, 2022

Peratus Peruntukan Belanjawan Kesihatan : Belanjawan Negara <i>Percentage Of Health Budget Allocation To National Budget</i>	10.42%
Belanjawan Negara (Mengurus Dan Pembangunan) <i>National Budget (Operating And Development)</i>	RM311,091,432,000
Belanjawan Kesihatan (Mengurus Dan Pembangunan) <i>Health Budget (Operating And Development)</i>	RM32,409,629,800

**SUMBER : BAHAGIAN KEWANGAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Finance Division,
Ministry of Health Malaysia*

JADUAL 4.44 : NISBAH PENDAPATAN NEGARA KASAR (PNK) BAGI KESIHATAN, MALAYSIA, 2022

Table 4.44 : Proportion of Gross National Income (GNI) for Health, Malaysia, 2022

Pendapatan Negara Kasar (PNK) Pada Harga Semasa (Dalam Juta) ¹ <i>Gross National Income (GNI) At Current Prices (In Million)</i> ¹	RM1,731,944
Belanjawan Kesihatan (Mengurus dan Pembangunan) (Juta) ² <i>Health Budget (Operating and Development) (Million)</i> ²	RM32,410
Peratus PNK bagi Kesihatan <i>Percentage of GNI for Health</i>	1.87

**SUMBER : ¹ KEMENTERIAN KEWANGAN MALAYSIA
² BAHAGIAN KEWANGAN, KEMENTERIAN
KESIHATAN MALAYSIA**

*Source : ¹ Ministry of Finance Malaysia
² Finance Division, Ministry of Health Malaysia*

JADUAL 4.45 : LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.45 : BCG Coverage for Infants by State, Malaysia, 2022

NEGERI State	KELAHIRAN HIDUP 2021 Live Births 2021 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	LIPUTAN PELALIAN BCG BAGI BAYI BCG Coverage for Infants		
			BILANGAN YANG DISUNTIK Number Vaccinated	LIPUTAN / Coverage (%)	
				DOSM ¹	TBIS ²
Johor	49,990	48,075	46,656	93.33	97.05
Kedah	33,040	32,072	31,235	94.54	97.39
Kelantan	34,764	33,269	32,738	94.17	98.40
Melaka	13,192	13,016	12,826	97.23	98.54
Negeri Sembilan	16,777	14,021	13,886	82.77	99.04
Pahang	24,507	23,012	22,272	90.88	96.78
Perak	30,816	30,769	30,067	97.57	97.72
Perlis	4,076	4,664	4,622	113.40	99.10
Pulau Pinang	18,571	19,657	18,946	102.02	96.38
Sabah	41,608	49,634	48,537	116.65	97.79
Sarawak	31,274	31,341	30,446	97.35	97.14
Selangor	90,118	72,667	71,000	78.79	97.71
Terengganu	26,337	23,143	22,393	85.02	96.76
W.P. Kuala Lumpur	21,046	29,933	29,756	141.39	99.41
W.P. Labuan	1,522	1,634	1,425	93.63	87.21
W.P. Putrajaya	2,106	7,728	7,665	363.96	99.18
MALAYSIA	439,744	434,635	424,470	96.53	97.66

Nota/Notes:

¹ Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2021 diperoleh daripada Jabatan Perangkaan Malaysia (DOSM)

¹ Refers to calculation of coverage using live births 2021 from Department of Statistics Malaysia (DOSM)

² Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2022 diperoleh daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

² Refers to calculation of coverage using live births 2022 from National Tuberculosis Information System (TBIS)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.46 : LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA DAN DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.46 : Polio Immunisation Coverage of Infants (1st Dose and 3rd Dose) by State, Malaysia, 2022

NEGERI State	KELAHIRAN HIDUP 2021 Live Births 2021 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS PERMULAAN (DOS PERTAMA) Initial Dose (1 st Dose)			DOS PENAMAT (DOS KETIGA) Completion Dose (3 rd Dose)		
			BILANGAN Number	LIPUTAN/Coverage (%)		BILANGAN Number	LIPUTAN/Coverage (%)	
				DOSM ¹	TBIS ²		DOSM ¹	TBIS ²
Johor	49,990	48,075	48,342	96.70	100.56	50,202	100.42	104.42
Kedah	33,040	32,072	29,598	89.58	92.29	28,687	86.83	89.45
Kelantan	34,764	33,269	28,084	80.78	84.41	25,609	73.67	76.98
Melaka	13,192	13,016	13,028	98.76	100.09	13,194	100.02	101.37
Negeri Sembilan	16,777	14,021	15,789	94.11	112.61	15,919	94.89	113.54
Pahang	24,507	23,012	23,574	96.19	102.44	23,253	94.88	101.05
Perak	30,816	30,769	29,131	94.53	94.68	28,465	92.37	92.51
Perlis	4,076	4,664	3,577	87.76	76.69	3,542	86.90	75.94
Pulau Pinang	18,571	19,657	19,010	102.36	96.71	19,600	105.54	99.71
Sabah	41,608	49,634	45,006	108.17	90.68	42,404	101.91	85.43
Sarawak	31,274	31,341	29,609	94.68	94.47	29,705	94.98	94.78
Selangor	90,118	72,667	86,545	96.04	119.10	94,325	104.67	129.80
Terengganu	26,337	23,143	22,962	87.19	99.22	22,621	85.89	97.74
W.P. Kuala Lumpur	21,046	29,933	24,787	117.78	82.81	25,726	122.24	85.95
W.P. Labuan	1,522	1,634	1,539	101.12	94.19	1,745	114.65	106.79
W.P. Putrajaya	2,106	7,728	1,953	92.74	25.27	2,285	108.50	29.57
MALAYSIA	439,744	434,635	422,534	96.09	97.22	427,282	97.17	98.31

Nota/Notes:

¹ Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2021 diperoleh daripada Jabatan Perangkaan Malaysia (DOSM)

¹ Refers to calculation of coverage using live births 2021 from Department of Statistics Malaysia (DOSM)

² Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2022 diperoleh daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

² Refers to calculation of coverage using live births 2022 from National Tuberculosis Information System (TBIS)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.47 : LIPUTAN DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 - 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.47 : Coverage of Children of Age 1 - 2 Years for 1st Booster Dose Polio by State, Malaysia, 2022

NEGERI State	KANAK-KANAK BERUMUR 1 - 2 TAHUN YANG DIBERI DOS SEMULA PERTAMA POLIO Children of Age 1 - 2 Years Given 1 st Booster Dose Polio		
	ANGGARAN KANAK-KANAK BERUMUR 1 - 2 TAHUN ¹ Estimated Children of Age 1 - 2 Years ¹	BILANGAN DIBERI Number Given	LIPUTAN/Coverage (%)
Johor	51,300	50,079	97.62
Kedah	34,800	29,044	83.46
Kelantan	34,200	25,110	73.42
Melaka	13,100	13,002	99.25
Negeri Sembilan	16,500	15,465	93.73
Pahang	24,100	23,897	99.16
Perak	30,500	28,760	94.30
Perlis	3,900	3,688	94.56
Pulau Pinang	21,700	19,393	89.37
Sabah	55,200	43,253	78.36
Sarawak	33,000	30,794	93.32
Selangor	98,900	92,447	93.48
Terengganu	26,000	22,477	86.45
W.P. Kuala Lumpur	19,700	25,161	127.72
W.P. Labuan	1,700	1,720	101.18
W.P. Putrajaya	2,200	2,327	105.77
MALAYSIA	466,800	426,617	91.39

Nota/Note:

¹ Data dari Jabatan Perangkaan Malaysia (DOSM). Hasil tambah mungkin berbeza kerana pembundaran.

¹ Data from Department of Statistics Malaysia (DOSM). The added total differ due to rounding.

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.48 : LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.48 : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2022

NEGERI State	KELAHIRAN HIDUP 2021 Live Births 2021 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS PERMULAAN (DOS PERTAMA) Initial Dose (1 st Dose)			DOS PENAMAT (DOS KETIGA) Completion Dose (3 rd Dose)		
			BILANGAN Number	LIPUTAN/Coverage (%)		BILANGAN Number	LIPUTAN/Coverage (%)	
				DOSM ¹	TBIS ²		DOSM ¹	TBIS ²
Johor	49,990	48,075	48,342	96.70	100.56	50,202	100.42	104.42
Kedah	33,040	32,072	29,598	89.58	92.29	28,687	86.83	89.45
Kelantan	34,764	33,269	28,084	80.78	84.41	25,609	73.67	76.98
Melaka	13,192	13,016	13,028	98.76	100.09	13,194	100.02	101.37
Negeri Sembilan	16,777	14,021	15,789	94.11	112.61	15,919	94.89	113.54
Pahang	24,507	23,012	23,574	96.19	102.44	23,253	94.88	101.05
Perak	30,816	30,769	29,131	94.53	94.68	28,465	92.37	92.51
Perlis	4,076	4,664	3,577	87.76	76.69	3,542	86.90	75.94
Pulau Pinang	18,571	19,657	19,010	102.36	96.71	19,600	105.54	99.71
Sabah	41,608	49,634	45,006	108.17	90.68	42,404	101.91	85.43
Sarawak	31,274	31,341	29,609	94.68	94.47	29,705	94.98	94.78
Selangor	90,118	72,667	86,545	96.04	119.10	94,325	104.67	129.80
Terengganu	26,337	23,143	22,962	87.19	99.22	22,621	85.89	97.74
W.P. Kuala Lumpur	21,046	29,933	24,787	117.78	82.81	25,726	122.24	85.95
W.P. Labuan	1,522	1,634	1,539	101.12	94.19	1,745	114.65	106.79
W.P. Putrajaya	2,106	7,728	1,953	92.74	25.27	2,285	108.50	29.57
MALAYSIA	439,744	434,635	422,534	96.09	97.22	427,282	97.17	98.31

Nota/Notes:

¹ Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2021 diperoleh daripada Jabatan Perangkaan Malaysia (DOSM)

¹ Refers to calculation of coverage using live births 2021 from Department of Statistics Malaysia (DOSM)

² Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2022 diperoleh daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

² Refers to calculation of coverage using live births 2022 from National Tuberculosis Information System (TBIS)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.49 : LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA), BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.49 : Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2022

NEGERI State	KELAHIRAN HIDUP 2021 Live Births 2021 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS PERMULAAN (DOS PERTAMA) Initial Dose (1 st Dose)			DOS PENAMAT (DOS KETIGA) Completion Dose (3 rd Dose)		
			BILANGAN Number	LIPUTAN/Coverage (%)		BILANGAN Number	LIPUTAN/Coverage (%)	
				DOSM ¹	TBIS ²		DOSM ¹	TBIS ²
Johor	49,990	48,075	48,342	96.70	100.56	50,202	100.42	104.42
Kedah	33,040	32,072	29,598	89.58	92.29	28,687	86.83	89.45
Kelantan	34,764	33,269	28,084	80.78	84.41	25,609	73.67	76.98
Melaka	13,192	13,016	13,028	98.76	100.09	13,194	100.02	101.37
Negeri Sembilan	16,777	14,021	15,789	94.11	112.61	15,919	94.89	113.54
Pahang	24,507	23,012	23,574	96.19	102.44	23,253	94.88	101.05
Perak	30,816	30,769	29,131	94.53	94.68	28,465	92.37	92.51
Perlis	4,076	4,664	3,577	87.76	76.69	3,542	86.90	75.94
Pulau Pinang	18,571	19,657	19,010	102.36	96.71	19,600	105.54	99.71
Sabah	41,608	49,634	45,006	108.17	90.68	42,404	101.91	85.43
Sarawak	31,274	31,341	29,609	94.68	94.47	29,705	94.98	94.78
Selangor	90,118	72,667	86,545	96.04	119.10	94,325	104.67	129.80
Terengganu	26,337	23,143	22,962	87.19	99.22	22,621	85.89	97.74
W.P. Kuala Lumpur	21,046	29,933	24,787	117.78	82.81	25,726	122.24	85.95
W.P. Labuan	1,522	1,634	1,539	101.12	94.19	1,745	114.65	106.79
W.P. Putrajaya	2,106	7,728	1,953	92.74	25.27	2,285	108.50	29.57
MALAYSIA	439,744	434,635	422,534	96.09	97.22	427,282	97.17	98.31

Nota/Notes:

¹ Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2021 diperoleh daripada Jabatan Perangkaan Malaysia (DOSM)

¹ Refers to calculation of coverage using live births 2021 from Department of Statistics Malaysia (DOSM)

² Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2022 diperoleh daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

² Refers to calculation of coverage using live births 2022 from National Tuberculosis Information System (TBIS)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.50 : LIPUTAN PELALIAN DOS PENGGALAK *DOUBLE ANTIGEN* BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.50 : Coverage of Standard 1 School Children For Booster Dose Double Antigen by State, Malaysia, 2022

NEGERI State	JUMLAH ENROLMEN DARJAH 1 Total Standard 1 Enrolment	MURID DARJAH 1 YANG DIBERI DOS PENGGALAK <i>DOUBLE ANTIGEN</i> Standard 1 Pupils Given Booster Dose Double Antigen	
		BILANGAN Number	LIPUTAN/Coverage (%)
Johor	57,515	57,093	99.27
Kedah	26,308	25,437	96.69
Kelantan	29,307	28,274	96.48
Melaka	13,984	13,740	98.26
Negeri Sembilan	18,443	17,533	95.07
Pahang	24,462	24,162	98.77
Perak	29,411	28,186	95.83
Perlis	4,260	4,125	96.83
Pulau Pinang	22,074	21,551	97.63
Sabah	47,372	47,299	99.85
Sarawak	37,119	35,610	95.93
Selangor	100,866	99,256	98.40
Terengganu	22,106	21,366	96.65
W.P. Kuala Lumpur	24,002	23,985	99.93
W.P. Labuan	1,730	1,730	100.00
W.P. Putrajaya	4,127	4,099	99.32
MALAYSIA	463,086	453,446	97.92

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.51 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.51 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2022

NEGERI State	KELAHIRAN HIDUP 2021 Live Births 2021 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS PERTAMA 1 st Dose			DOS KEDUA 2 nd Dose		
			BILANGAN Number	LIPUTAN/Coverage (%)		BILANGAN Number	LIPUTAN/Coverage (%)	
				DOSM ¹	TBIS ²		DOSM ¹	TBIS ²
Johor	49,990	48,075	46,673	93.36	97.08	48,342	96.70	100.56
Kedah	33,040	32,072	29,597	89.58	92.28	29,600	89.59	92.29
Kelantan	34,764	33,269	33,379	96.02	100.33	28,084	80.78	84.41
Melaka	13,192	13,016	12,826	97.23	98.54	13,028	98.76	100.09
Negeri Sembilan	16,777	14,021	14,642	87.27	104.43	15,789	94.11	112.61
Pahang	24,507	23,012	21,911	89.41	95.22	23,574	96.19	102.44
Perak	30,816	30,769	30,438	98.77	98.92	29,131	94.53	94.68
Perlis	4,076	4,664	4,493	110.23	96.33	3,577	87.76	76.69
Pulau Pinang	18,571	19,657	21,222	114.27	107.96	19,010	102.36	96.71
Sabah	41,608	49,634	42,794	102.85	86.22	44,640	107.29	89.94
Sarawak	31,274	31,341	28,796	92.08	91.88	29,609	94.68	94.47
Selangor	90,118	72,667	92,142	102.25	126.80	86,545	96.04	119.10
Terengganu	26,337	23,143	22,422	85.13	96.88	22,962	87.19	99.22
W.P. Kuala Lumpur	21,046	29,933	17,856	84.84	59.65	24,696	117.34	82.50
W.P. Labuan	1,522	1,634	1,431	94.02	87.58	1,539	101.12	94.19
W.P. Putrajaya	2,106	7,728	2,321	110.21	30.03	1,953	92.74	25.27
MALAYSIA	439,744	434,635	422,943	96.18	97.31	422,079	95.98	97.11

Nota/Notes:

¹ Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2021 diperoleh daripada Jabatan Perangkaan Malaysia (DOSM)

¹ Refers to calculation of coverage using live births 2021 from Department of Statistics Malaysia (DOSM)

² Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2022 diperoleh daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

² Refers to calculation of coverage using live births 2022 from National Tuberculosis Information System (TBIS)

SUMBER : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.51 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2022 (SAMB.)

Table 4.51 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2022 (Cont'd)

NEGERI State	KELAHIRAN HIDUP 2021 Live Births 2021 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS KETIGA 3 rd Dose			DOS KEEMPAT 4 th Dose		
			BILANGAN Number	LIPUTAN/Coverage (%)		BILANGAN Number	LIPUTAN/Coverage (%)	
				DOSM ¹	TBIS ²		DOSM ¹	TBIS ²
Johor	49,990	48,075	49,466	98.95	102.89	50,202	100.42	104.42
Kedah	33,040	32,072	28,872	87.38	90.02	28,687	86.83	89.45
Kelantan	34,764	33,269	26,293	75.63	79.03	25,609	73.67	76.98
Melaka	13,192	13,016	13,149	99.67	101.02	13,194	100.02	101.37
Negeri Sembilan	16,777	14,021	15,885	94.68	113.29	15,919	94.89	113.54
Pahang	24,507	23,012	23,785	97.05	103.36	23,253	94.88	101.05
Perak	30,816	30,769	28,868	93.68	93.82	28,465	92.37	92.51
Perlis	4,076	4,664	3,532	86.65	75.73	3,542	86.90	75.94
Pulau Pinang	18,571	19,657	19,109	102.90	97.21	19,601	105.55	99.72
Sabah	41,608	49,634	43,827	105.33	88.30	42,269	101.59	85.16
Sarawak	31,274	31,341	29,204	93.38	93.18	29,705	94.98	94.78
Selangor	90,118	72,667	88,414	98.11	121.67	94,326	104.67	129.81
Terengganu	26,337	23,143	22,898	86.94	98.94	22,621	85.89	97.74
W.P. Kuala Lumpur	21,046	29,933	25,547	121.39	85.35	25,694	122.08	85.84
W.P. Labuan	1,522	1,634	1,703	111.89	104.22	1,745	114.65	106.79
W.P. Putrajaya	2,106	7,728	2,238	106.27	28.96	2,285	108.50	29.57
MALAYSIA	439,744	434,635	422,790	96.14	97.27	427,117	97.13	98.27

Nota/Notes:

¹ Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2021 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)

¹ Refers to calculation of coverage using live births 2021 from Department of Statistics Malaysia (DOSM)

² Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2022 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

² Refers to calculation of coverage using live births 2022 from National Tuberculosis Information System (TBIS)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.52 : LIPUTAN PELALIAN MMR (MUMP, MEASLES DAN RUBELLA) MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.52 : Immunisation Coverage MMR (Mump, Measles And Rubella) by State, Malaysia, 2022

NEGERI State	KELAHIRAN HIDUP 2021 Live Births 2021	9 BULAN HINGGA < 1 TAHUN 9 Months to < 1 Years		ANGGARAN KANAK-KANAK BERUMUR 1 – 2 TAHUN ¹ Estimated Children of Age 1 – 2 Years 1	1 HINGGA < 2 TAHUN 1 to < 2 Years	
		BILANGAN Number	LIPUTAN Coverage (%)		BILANGAN Number	LIPUTAN Coverage (%)
Johor	49,990	53,304	106.63	51,300	51,336	100.07
Kedah	33,040	31,339	94.85	34,800	31,123	89.43
Kelantan	34,764	27,402	78.82	34,200	26,182	76.56
Melaka	13,192	14,058	106.56	13,100	13,407	102.34
Negeri Sembilan	16,777	16,885	100.64	16,500	16,296	98.76
Pahang	24,507	27,446	111.99	24,100	26,249	108.92
Perak	30,816	31,041	100.73	30,500	30,237	99.14
Perlis	4,076	3,759	92.22	3,900	3,722	95.44
Pulau Pinang	18,571	20,982	112.98	21,700	20,986	96.71
Sabah	41,608	43,865	105.42	55,200	42,211	76.47
Sarawak	31,274	30,595	97.83	33,000	32,564	98.68
Selangor	90,118	99,314	110.20	98,900	100,275	101.39
Terengganu	26,337	25,171	95.57	26,000	24,482	94.16
W.P. Kuala Lumpur	21,046	25,578	121.53	19,700	26,203	133.01
W.P. Labuan	1,522	1,803	118.46	1,700	1,712	100.71
W.P. Putrajaya	2,106	2,403	114.10	2,200	2,441	110.95
MALAYSIA	439,744	454,945	103.46	466,800	449,426	96.28

Nota/Note:

¹ Data dari Jabatan Perangkaan Malaysia (DOSM). Hasil tambah mungkin berbeza kerana pembundaran.
Data from Department of Statistics, Malaysia (DOSM). The added total differ due to rounding.

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.53 : LIPUTAN IBU-IBU MENDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.53 : Coverage of Ante-Natal Mothers (1st Visit) by State, Malaysia 2022

NEGERI State	ANGGARAN IBU MENDUNG Estimated Number of Pregnant Mothers (2021)	BILANGAN KEDATANGAN IBU MENDUNG (LAWATAN PERTAMA) Number of Ante-Natal Attendances (1st Visit)	LIPUTAN IBU MENDUNG (LAWATAN PERTAMA) Coverage of Ante-Natal (1st Visit) %
Johor	53,376	57,446	107.63
Kedah	35,900	30,272	84.32
Kelantan	38,040	25,295	66.50
Melaka	13,935	14,031	100.69
Negeri Sembilan	17,736	18,260	102.95
Pahang	25,957	24,096	92.83
Perak	33,034	31,160	94.33
Perlis	4,493	3,731	83.04
Pulau Pinang	19,517	23,527	120.55
Sabah	43,751	43,422	99.25
Sarawak	33,284	34,000	102.15
Selangor	93,844	115,973	123.58
Terengganu	28,394	23,430	82.52
W.P. Kuala Lumpur	21,398	43,188	201.83
W.P. Labuan	1,607	2,000	124.46
W.P. Putrajaya	2,168	2,509	115.73
MALAYSIA	466,434	492,340	105.55

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*

JADUAL 4.54 : LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID DENGAN MENGGUNAKAN DENOMINATOR KELAHIRAN HIDUP MENGIKUT NEGERI, MALAYSIA, 2022

Table 4.54 : Coverage of Ante-Natal Mothers for Tetanus Toxoid using Live Births as Denominator by State, Malaysia, 2022

NEGERI State	KELAHIRAN HIDUP 2021 Live Births 2021 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS PERTAMA 1 st Dose			DOS KEDUA/DOS SEMULA (DOS PENAMAT) 2 nd Dose or Booster Dose (Completion Dose)		
			BILANGAN Number	LIPUTAN/ Coverage (%)		BILANGAN Number	LIPUTAN/ Coverage (%)	
				DOSM ¹	TBIS ²		DOSM ¹	TBIS ²
Johor	49,990	48,075	19,985	39.98	41.57	48,123	96.27	100.10
Kedah	33,040	32,072	10,211	30.90	31.84	27,350	82.78	85.28
Kelantan	34,764	33,269	7,165	20.61	21.54	23,233	66.83	69.83
Melaka	13,192	13,016	4,772	36.17	36.66	12,601	95.52	96.81
Negeri Sembilan	16,777	14,021	5,765	34.36	41.12	14,824	88.36	105.73
Pahang	24,507	23,012	7,499	30.60	32.59	22,630	92.34	98.34
Perak	30,816	30,769	11,084	35.97	36.02	26,691	86.61	86.75
Perlis	4,076	4,664	1,197	29.37	25.66	3,240	79.49	69.47
Pulau Pinang	18,571	19,657	7,733	41.64	39.34	18,405	99.11	93.63
Sabah	41,608	49,634	13,106	31.50	26.41	39,352	94.58	79.28
Sarawak	31,274	31,341	13,985	44.72	44.62	30,173	96.48	96.27
Selangor	90,118	72,667	35,610	39.51	49.00	96,599	107.19	132.93
Terengganu	26,337	23,143	6,607	25.09	28.55	23,674	89.89	102.29
W.P. Kuala Lumpur	21,046	29,933	11,237	53.39	37.54	27,036	128.46	90.32
W.P. Labuan	1,522	1,634	895	58.80	54.77	1,847	121.35	113.04
W.P. Putrajaya	2,106	7,728	794	37.70	10.27	2,380	113.01	30.80
MALAYSIA	439,744	434,635	157,645	35.85	36.27	418,158	95.09	96.21

Nota/Notes:

¹ Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2021 diperoleh daripada Jabatan Perangkaan Malaysia (DOSM)

¹ Refers to calculation of coverage using live births 2021 from Department of Statistics Malaysia (DOSM)

² Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2022 diperoleh daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

² Refers to calculation of coverage using live births 2022 from National Tuberculosis Information System (TBIS)

SUMBER : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.55 : KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2022

Table 4.55 : Deliveries Attended by Trained Personnel, Malaysia, 2022

KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH <i>Deliveries Attended by Trained Personnel</i>	BILANGAN <i>Number</i>	PERATUS <i>Percentage</i>
Jumlah Kelahiran <i>Total Deliveries</i>	401,746	100.00
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan) <i>Deliveries by Trained Personnel (Government)</i>	349,089	86.89
- Hospital Kerajaan / <i>Government Hospitals</i>	347,177	86.41
- Kemudahan Kesihatan Awam / <i>Public Health Facilities</i>	1,912	0.48
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Swasta) <i>Deliveries by Trained Personnel (Private)</i>	51,026	12.70
- Hospital Swasta / <i>Private Hospitals</i>	50,001	12.45
- Rumah Bersalin Swasta / <i>Private Maternity Homes</i>	1,025	0.26
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan Dan Swasta) <i>Deliveries by Trained Personnel (Government and Private)</i>	400,115	99.59

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*

JADUAL 4.56 : BILANGAN PENERIMA BAHARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2021 - 2022

Table 4.56 : Number of New Family Planning Acceptors by Type of Methods, Malaysia 2021 - 2022

KAEDAH Methods	2021				2022			
	MOH ¹		LPPKN		MOH ¹		LPPKN	
	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%
Pil/Pill	45,270	38.88	173	7.28	47,653	40.09	346	12.53
Alat Dalam Rahim (ADR) Ultra Uterine Device (IUD)	5,055	4.34	380	15.98	5,132	4.32	427	15.46
Kondom/Condom	7,129	6.12	89	3.74	8,290	6.97	166	6.01
Suntikan/Injection	54,512	46.82	185	7.78	53,080	44.65	241	8.73
Sterilisasi/Sterilization - Perempuan/Female	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
- Lelaki/Male	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
Implant	n.a	n.a	1,545	64.97	n.a	n.a	1,582	57.28
Cara Waktu Selamat/Rhythm	n.a	n.a	5	0.21	n.a	n.a	n.a	n.a
Lain-Lain/Other	4,469	3.84	1	0.04	4,722	3.97	n.a	n.a
Jumlah/Total	116,435	100.00	2,378	100.00	118,877	100.00	2,762	100.00

Nota/Note:

¹ Termasuk data dari Kementerian Pertahanan Malaysia

¹ Include data from Mindef

**SUMBER : LEMBAGA PENDUDUK DAN PEMBANGUNAN
KELUARGA NEGARA (LPPKN)**

Source : National Population and Family Development Board

JADUAL 4.57 : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR DENGAN SISTEM BEKALAN AIR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2022

Table 4.57 : Houses Covered with Water Supply in Rural Area by State, Malaysia as at 31 December 2022

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR ¹ Number of Houses in Rural Area ¹	LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENERIMA BEKALAN AIR SELAMAT ² Houses in Rural Area Covered with Safe Water Supply ²	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Johor	110,527	108,568	98.23
Kedah	207,295	199,202	96.10
Kelantan	213,943	201,885	94.36
Melaka	60,028	60,028	100.00
Negeri Sembilan	61,659	61,156	99.18
Pahang	94,261	91,535	97.11
Perak	127,573	126,463	99.13
Perlis	33,662	33,289	98.89
Pulau Pinang	64,413	61,751	95.87
Sabah	145,185	134,264	92.48
Sarawak	143,978	139,152	96.65
Selangor	72,436	71,738	99.04
Terengganu	128,626	127,113	98.82
MALAYSIA	1,463,586	1,416,144	96.93

Nota/Notes:

¹ Merujuk kepada data Bancian Luar Bandar BAKAS

¹ Refers to Rural Area Census data from BAKAS

² Merujuk kepada bekalan air terawat dan air bersih

² Refers to treated water supply and clean water

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.58 : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MEMPUNYAI TANDAS SEMPURNA MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2022

Table 4.58 : Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as at 31 December 2022

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR ¹ Number of Houses in Rural Area ¹	LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENGGUNAKAN TANDAS SEMPURNA Houses in Rural Area Covered with Sanitary Latrines	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Johor	110,527	108,749	98.39
Kedah	207,295	201,921	97.41
Kelantan	213,943	212,122	99.15
Melaka	60,028	60,028	100.00
Negeri Sembilan	61,659	61,212	99.28
Pahang	94,261	90,549	96.06
Perak	127,573	124,784	97.81
Perlis	33,662	33,092	98.31
Pulau Pinang	64,413	60,521	93.96
Sabah	145,185	123,452	85.03
Sarawak	143,978	131,829	91.56
Selangor	72,436	69,796	96.36
Terengganu	128,626	128,599	99.98
MALAYSIA	1,463,586	1,406,654	96.11

Nota/Note:

¹ Merujuk kepada data Bancian Luar Bandar - Bekalan Air dan Kebersihan Alam Sekeliling (BAKAS)

¹ Refers to Rural Area Census data from Water Supply and Environmental Sanitation (BAKAS)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.59 : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PERLIMBAHAN MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2022

Table 4.59 : Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as at 31 December 2022

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR ¹ Number of Houses in Rural Area ¹	LIPUTAN RUMAH YANG MENDAPAT SISTEM PERLIMBAHAN Houses Covered with Sullage Disposal System	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Johor	110,527	105,803	95.73
Kedah	207,295	146,990	70.91
Kelantan	213,943	112,443	52.56
Melaka	60,028	54,712	91.14
Negeri Sembilan	61,659	50,740	82.29
Pahang	94,261	64,945	68.90
Perak	127,573	82,108	64.36
Perlis	33,662	20,903	62.10
Pulau Pinang	64,413	52,069	80.84
Sabah	145,185	74,624	51.40
Sarawak	143,978	87,630	60.86
Selangor	72,436	65,399	90.29
Terengganu	128,626	103,572	80.52
MALAYSIA	1,463,586	1,021,938	69.82

Nota/Note:

¹ Merujuk kepada data Bancian Luar Bandar - Bekalan Air dan Kebersihan Alam Sekeliling (BAKAS)

¹ Refers to Rural Area Census data from Water Supply and Environmental Sanitation (BAKAS)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.60 : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PELUPUSAN SISA PEPEJAL MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2022

Table 4.60 : Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as at 31 December 2022

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR ¹ Number of Houses in Rural Area ¹	LIPUTAN RUMAH YANG MENDAPAT SISTEM PELUPUSAN SISA PEPEJAL Houses Covered with Solid Waste Disposal System	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Johor	110,527	107,086	96.89
Kedah	207,295	167,379	80.74
Kelantan	213,943	116,657	54.53
Melaka	60,028	53,811	89.64
Negeri Sembilan	61,659	52,070	84.45
Pahang	94,261	65,753	69.76
Perak	127,573	77,840	61.02
Perlis	33,662	19,963	59.30
Pulau Pinang	64,413	55,828	86.67
Sabah	145,185	85,667	59.01
Sarawak	143,978	101,164	70.26
Selangor	72,436	66,452	91.74
Terengganu	128,626	106,980	83.17
MALAYSIA	1,463,586	1,076,650	73.56

Nota/Note :

¹ Merujuk kepada data Bancian Luar Bandar - Bekalan Air dan Kebersihan Alam Sekeliling (BAKAS)

¹ Refers to Rural Area Census data from Water Supply and Environmental Sanitation (BAKAS)

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

Source : Health Informatics Centre,
Ministry of Health Malaysia

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
PERLIS								
Hospital Tuanku Fauziah	508	503	70.69	29,097	79.72	1,057	4.47	1.85
Jumlah Negeri/State Total	508	503	70.69	29,097	79.72	1,057	4.47	1.85
KEDAH								
Hospital Baling	115	115	80.91	10,232	28.03	161	3.33	0.79
Hospital Jitra	91	91	65.59	7,330	20.08	200	2.98	1.56
Hospital Kuala Nerang	80	80	42.18	3,217	8.81	64	3.86	5.29
Hospital Kulim	320	320	94.55	30,935	84.75	1,030	3.57	0.21
Hospital Sik	93	93	53.04	5,388	14.76	109	3.34	2.95
Hospital Sultan Abdul Halim	703	703	87.22	53,975	147.88	1,864	4.15	0.61
Hospital Sultanah Bahiyah	1108	1108	75.05	69,971	191.70	2,255	4.32	1.44
Hospital Sultanah Maliha	163	163	57.99	10,311	28.25	207	3.36	2.43
Hospital Yan	89	89	56.92	5,493	15.05	134	3.39	2.56
Jumlah Negeri/State Total	2,762	2,762	77.06	196,852	539.32	6,024	3.94	1.17

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
PULAU PINANG								
Hospital Balik Pulau	81	72	53.84	2,685	7.36	74	5.27	4.52
Hospital Bukit Mertajam	242	242	68.97	16,871	46.22	777	3.62	1.63
Hospital Kepala Batas	134	134	67.76	10,624	29.11	353	3.13	1.49
Hospital Pulau Pinang	1,163	1,163	66.40	55,707	152.62	2,482	5.03	2.54
Hospital Seberang Jaya	413	413	103.56	43,120	118.14	1,184	3.62	-0.12
Hospital Sungai Bakap	105	105	55.92	4,833	13.24	177	4.45	3.51
Jumlah Negeri/State Total	2,138	2,129	73.05	133,840	366.68	5,047	4.23	1.56

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
PERAK								
Hospital Bahagia Ulu Kinta	1,800	1,800	58.83	1,822	4.99	29	204.07	142.82
Hospital Batu Gajah	160	148	43.55	8,075	22.12	353	2.91	3.77
Hospital Changkat Melintang	50	50	42.05	2,912	7.98	35	2.64	3.63
Hospital Gerik	75	75	37.54	3,954	10.83	36	2.62	4.35
Hospital Kampar	68	68	56.79	4,784	13.11	173	2.94	2.24
Hospital Kuala Kangsar	136	136	56.53	10,808	29.61	193	2.60	2.00
Hospital Parit Buntar	100	100	56.79	8,838	24.21	192	2.35	1.79
Hospital Raja Permaisuri Bainun	1,394	1,097	67.74	63,268	173.34	2,271	4.30	2.05
Hospital Selama	90	72	38.27	3,629	9.94	55	2.77	4.48
Hospital Seri Manjung	305	305	84.49	29,983	82.15	891	3.14	0.58
Hospital Slim River	250	170	60.83	10,999	30.13	285	3.42	2.20
Hospital Sungai Siput	93	93	43.55	4,817	13.20	158	3.08	3.99
Hospital Taiping	608	608	83.38	53,579	146.79	2,130	3.45	0.69
Hospital Tapah	100	100	35.42	4,617	12.65	68	2.81	5.12
Hospital Teluk Intan	548	548	56.56	29,595	81.08	1,100	3.86	2.96
Jumlah Negeri/State Total	5,777	5,370	62.74	241,680	662.14	7,969	5.10	3.03

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
SELANGOR								
Hospital Ampang	701	691	75.30	44,546	122.04	1,412	4.27	1.40
Hospital Banting	196	189	97.53	20,339	55.72	433	3.31	0.08
Hospital Cyberjaya*	288	58	4.10	423	1.16	0	2.22	51.92
Hospital Kajang	386	386	87.30	31,458	86.19	1,044	3.91	0.57
Hospital Kuala Kubu Baru	120	120	42.72	3,892	10.66	69	4.81	6.45
Hospital Orang Asli Gombak	80	80	13.93	760	2.08	1	5.33	32.94
Hospital Selayang	1,047	1,047	57.40	49,231	134.88	1,151	4.45	3.30
Hospital Serdang	838	834	87.51	61,461	168.39	1,749	4.33	0.62
Hospital Shah Alam	490	485	93.12	38,953	106.72	901	4.22	0.31
Hospital Sungai Buloh	1,037	1,031	64.28	48,861	133.87	1,238	4.88	2.71
Hospital Tanjung Karang	114	112	48.87	6,139	16.82	136	3.27	3.42
Hospital Tengku Ampuan Jemaah, Sabak Bernam	93	93	34.62	4,268	11.69	132	2.76	5.21
Hospital Tengku Ampuan Rahimah, Klang	1,261	1,261	82.34	80,187	219.69	2,423	4.71	1.01
Pusat Kawalan Kusta Negara	92	92	31.04	18	0.05	10	473.77	1,052.59
Jumlah Negeri/State Total	6,743	6,479	72.63	390,536	1,069.96	10,699	4.39	1.65

Nota/Note:

* Mula beroperasi pada bulan November 2022

* Started operating from November 2022

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
WILAYAH PERSEKUTUAN KUALA LUMPUR								
Hospital Kuala Lumpur	1,553	1,520	71.68	63,974	175.27	2,834	6.22	2.46
Hospital Rehabilitasi Cheras	166	132	51.80	1,659	4.55	4	14.72	13.69
Hospital Tunku Azizah	600	552	102.92	52,245	143.14	184	3.95	-0.11
Institut Perubatan Respiratori	118	118	57.12	4,275	11.71	63	5.77	4.34
Jumlah Negeri/State Total	2,437	2,322	77.24	122,153	334.67	3,085	5.35	1.58
WILAYAH PERSEKUTUAN PUTRAJAYA								
Hospital Putrajaya	385	385	81.22	31,660	86.74	461	3.38	0.78
Institut Kanser Negara	252	236	61.85	9,147	25.06	524	5.82	3.59
Jumlah Negeri/State Total	637	621	73.86	40,807	111.80	985	3.90	1.38
WILAYAH PERSEKUTUAN LABUAN								
Hospital Labuan	122	122	62.70	8,916	24.43	195	3.14	1.87
Jumlah Negeri/State Total	122	122	62.70	8,916	24.43	195	3.14	1.87

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
NEGERI SEMBILAN								
Hospital Jelebu	76	76	47.93	2,963	8.12	79	4.49	4.88
Hospital Jempol	108	108	58.28	5,328	14.60	170	4.31	3.08
Hospital Port Dickson	116	116	75.56	10,392	28.47	254	3.08	1.00
Hospital Rembau	76	76	52.91	4,100	11.23	58	3.58	3.18
Hospital Tampin	108	108	53.98	5,515	15.11	138	3.81	3.25
Hospital Tuanku Ampuan Najihah	314	314	72.54	23,909	65.50	626	3.49	1.32
Hospital Tuanku Jaafar	1,143	1,143	64.13	63,910	175.10	1,835	4.18	2.34
Jumlah Negeri/State Total	1,941	1,941	64.21	116,117	318.13	3,160	3.92	2.18
MELAKA								
Hospital Alor Gajah	106	106	72.71	9,228	25.28	207	3.04	1.14
Hospital Jasin	103	103	64.60	6,493	17.79	183	3.71	2.04
Hospital Melaka	1,101	1,082	76.12	66,373	181.84	2,125	4.55	1.43
Jumlah Negeri/State Total	1,310	1,291	74.92	82,094	224.92	2,515	4.32	1.44

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
JOHOR								
Hospital Enche' Besar Hajjah Khalsom	382	382	71.80	23,145	63.41	951	4.33	1.70
Hospital Kota Tinggi	158	158	56.76	12,202	33.43	369	2.68	2.04
Hospital Mersing	70	70	55.23	5,192	14.22	135	2.71	2.20
Hospital Pakar Sultanah Fatimah, Muar	575	560	62.62	35,108	96.19	1,261	3.66	2.18
Hospital Permai	1,132	1,132	54.28	1,600	4.38	20	139.48	117.47
Hospital Pontian	120	120	52.97	9,976	27.33	243	2.32	2.06
Hospital Segamat	314	314	75.84	22,130	60.63	804	3.93	1.25
Hospital Sultan Ismail, Johor Bahru	704	677	96.99	58,143	159.30	1,868	4.11	0.13
Hospital Sultanah Aminah, Johor Bahru	1,206	1,122	87.45	85,954	235.49	3,142	4.17	0.60
Hospital Sultanah Nora Ismail	610	610	77.04	43,119	118.13	1,411	3.97	1.18
Hospital Tangkak	69	69	38.45	3,352	9.18	52	2.89	4.63
Hospital Temenggong Seri Maharaja Tun Ibrahim, Kulai	93	93	73.59	10,805	29.60	241	2.32	0.83
Jumlah Negeri/State Total	5,433	5,307	72.96	310,726	851.30	10,497	4.55	1.69

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
PAHANG								
Hospital Bentong	152	110	47.52	5,484	15.02	159	3.49	3.85
Hospital Bera*	40	40	4.86	448	1.23	0	1.60	31.28
Hospital Jengka	70	70	61.84	5,533	15.16	59	2.86	1.77
Hospital Jerantut	77	77	44.43	5,826	15.96	67	2.14	2.68
Hospital Kuala Lipis	168	168	83.74	13,624	37.33	337	3.77	0.73
Hospital Muadzam Shah	49	49	49.95	3,919	10.74	76	2.28	2.28
Hospital Pekan	110	110	81.62	10,536	28.87	143	3.09	0.70
Hospital Raub	89	89	41.69	4,701	12.88	98	2.88	4.03
Hospital Rompin	60	60	40.09	3,158	8.65	34	2.78	4.16
Hospital Sultan Haji Ahmad Shah, Temerloh	650	650	62.37	40,038	109.69	1,212	3.70	2.23
Hospital Sultanah Hajjah Kalsom	40	40	40.93	1,995	5.47	14	3.00	4.32
Hospital Tengku Ampuan Afzan, Kuantan	851	795	66.15	45,076	123.50	1,435	4.25	2.18
Jumlah Negeri/State Total	2,356	2,258	61.80	140,338	384.49	3,634	3.63	2.24

Nota/Note:

* Mula beroperasi pada bulan Mei 2022

* *Started operating from May 2022*

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
TERENGGANU								
Hospital Besut	140	140	57.53	11,798	32.32	118	2.50	1.84
Hospital Dungun	100	100	69.70	9,923	27.19	143	2.56	1.11
Hospital Hulu Terengganu	95	95	57.02	5,828	15.97	72	3.42	2.58
Hospital Kemaman	164	164	85.62	19,621	53.76	435	2.61	0.44
Hospital Setiu	76	76	57.86	6,279	17.20	70	2.56	1.87
Hospital Sultanah Nur Zahirah	1,155	1,127	81.26	88,900	243.56	2,278	3.78	0.87
Jumlah Negeri/State Total	1,730	1,702	76.65	142,349	390.00	3,116	3.36	1.02

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
KELANTAN								
Hospital Gua Musang	90	90	55.56	7,413	20.31	68	2.46	1.97
Hospital Jeli	80	80	52.97	4,760	13.04	63	3.25	2.89
Hospital Machang	90	90	62.15	7,221	19.78	68	2.83	1.72
Hospital Pasir Mas	120	120	75.26	12,019	32.93	219	2.75	0.90
Hospital Raja Perempuan Zainab II	982	969	72.09	60,021	164.44	1,640	4.26	1.65
Hospital Sultan Ismail Petra	424	424	51.36	21,936	60.10	546	3.67	3.47
Hospital Tanah Merah	146	146	97.31	16,271	44.58	455	3.19	0.09
Hospital Tengku Anis, Pasir Puteh	90	90	63.01	7,438	20.38	112	2.79	1.64
Hospital Tumpat	119	119	57.71	6,734	18.45	123	3.52	2.58
Jumlah Negeri/State Total	2,141	2,128	66.84	143,813	394.01	3,294	3.61	1.79

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Number of Admissions	PURATA HARIAN KEMASUKAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Number of Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
SABAH								
Hospital Beaufort	275	184	33.72	6,216	17.03	107	3.63	7.14
Hospital Beluran	52	52	47.61	2,829	7.75	24	3.21	3.53
Hospital Duchess of Kent	400	400	67.10	27,227	74.59	743	3.77	1.85
Hospital Keningau	216	216	83.70	17,526	48.02	433	3.77	0.73
Hospital Kinabatangan	68	68	30.58	2,683	7.35	12	2.82	6.41
Hospital Kota Belud	172	172	38.35	5,677	15.55	151	4.28	6.87
Hospital Kota Marudu	97	97	52.99	5,376	14.73	95	3.47	3.08
Hospital Kuala Penyu	48	48	52.49	2,429	6.65	47	3.80	3.44
Hospital Kudat	180	152	40.81	6,758	18.52	92	3.35	4.86
Hospital Kunak	48	48	34.79	2,199	6.02	8	2.79	5.23
Hospital Lahad Datu	268	268	61.41	13,780	37.75	299	4.10	2.58
Hospital Mesra Bukit Padang	302	270	60.02	583	1.60	3	101.81	67.81
Hospital Papar	77	77	56.32	4,996	13.69	98	3.18	2.46
Hospital Pitas	72	72	44.65	3,681	10.08	49	3.17	3.93

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
SABAH								
Hospital Queen Elizabeth	775	700	70.72	25,114	68.81	1,280	7.31	3.03
Hospital Queen Elizabeth II	400	253	84.33	12,258	33.58	576	6.37	1.18
Hospital Ranau	110	110	53.60	7,763	21.27	120	2.81	2.43
Hospital Semporna	70	70	49.08	5,148	14.10	26	2.45	2.54
Hospital Sipitang	93	93	26.46	2,302	6.31	46	3.88	10.80
Hospital Tambunan	49	49	50.57	2,777	7.61	58	3.24	3.17
Hospital Tawau	431	431	68.04	26,399	72.33	678	4.06	1.91
Hospital Tenom	70	63	39.25	3,026	8.29	71	2.97	4.60
Hospital Tuaran	82	82	113.47	8,416	23.06	131	4.00	-0.48
Hospital Wanita dan Kanak-Kanak, Likas	658	639	68.59	42,015	115.11	286	3.78	1.73
Jumlah Negeri/State Total	5,013	4,614	62.43	237,178	649.80	5,433	4.45	2.68

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
SARAWAK								
Hospital Bau	68	68	38.69	2,722	7.46	72	3.53	5.59
Hospital Betong	48	48	50.55	2,298	6.30	45	3.85	3.77
Hospital Bintulu	302	302	86.95	21,814	59.76	472	4.41	0.66
Hospital Dalat	8	8	60.79	710	1.95	4	2.50	1.61
Hospital Daro	46	46	18.39	1,334	3.65	8	2.31	10.26
Hospital Kanowit	100	100	15.52	949	2.60	17	5.96	32.42
Hospital Kapit	134	134	43.37	4,628	12.68	99	4.59	5.99
Hospital Lawas	46	41	49.98	2,326	6.37	55	3.20	3.20
Hospital Limbang	100	100	30.28	3,180	8.71	81	3.49	8.05
Hospital Lundu	46	46	38.33	1,986	5.44	32	3.25	5.23

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Number of Admissions	PURATA HARIAN KEMASUKAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Number of Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
SARAWAK								
Hospital Marudi	54	54	22.99	828	2.27	16	5.50	18.42
Hospital Miri	349	349	83.90	24,445	66.97	991	4.37	0.84
Hospital Mukah	80	80	33.74	3,658	10.02	40	2.69	5.28
Hospital Rajah Charles Brooke Memorial	40	40	26.63	239	0.65	5	18.97	52.25
Hospital Saratok	106	94	16.85	1,932	5.29	29	2.98	14.73
Hospital Sarikei	212	212	63.60	13,250	36.30	305	3.72	2.13
Hospital Sentosa	338	338	52.18	455	1.25	4	132.73	121.64
Hospital Serian	84	84	69.45	6,902	18.91	65	3.11	1.37
Hospital Sibul	662	662	62.50	28,681	78.58	1,061	5.32	3.19
Hospital Simunjan	42	42	36.31	1,534	4.20	18	3.62	6.36
Hospital Sri Aman	92	92	66.62	6,438	17.64	90	3.50	1.76
Hospital Umum Sarawak	1,034	1,034	78.53	59,643	163.41	1,826	4.98	1.36
Pusat Jantung Sarawak	128	128	72.03	5,678	15.56	162	5.96	2.31
Jumlah Negeri/State Total	4,119	4,102	63.17	195,630	535.97	5,497	4.85	2.83
MALAYSIA	45,167	43,651	69.01	2,532,126	6,937.33	72,207	4.34	1.95

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2022 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2022 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Number of Admissions</i>	PURATA HARIAN KEMASUKAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Number of Deaths</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
INSTITUSI PERUBATAN KHAS/Special Medical Institution								
Hospital Bahagia Ulu Kinta	1,800	1,800	58.83	1,822	4.99	29	204.07	142.82
Hospital Mesra Bukit Padang	302	270	60.02	583	1.60	3	101.81	67.81
Hospital Permai	1,132	1,132	54.28	1,600	4.38	20	139.48	117.47
Hospital Rehabilitasi Cheras	166	132	51.80	1,659	4.55	4	14.72	13.69
Hospital Sentosa	338	338	52.18	455	1.25	4	132.73	121.64
Hospital Tunku Azizah	600	552	102.92	52,245	143.14	184	3.95	-0.11
Hospital Wanita dan Kanak- Kanak, Likas	658	639	68.59	42,015	115.11	286	3.78	1.73
Institut Kanser Negara	252	236	61.85	9,147	25.06	524	5.82	3.59
Institut Perubatan Respiratori	118	118	57.12	4,275	11.71	63	5.77	4.34
Pusat Jantung Sarawak	128	128	72.03	5,678	15.56	162	5.96	2.31
Pusat Kawalan Kusta Negara	92	92	31.04	18	0.05	10	473.77	1,052.59
Jumlah Negeri/State Total	5,586	5,437	62.92	119,497	327.39	1,289	10.39	6.12

**SUMBER : PUSAT INFORMATIK KESIHATAN,
KEMENTERIAN KESIHATAN MALAYSIA**

*Source : Health Informatics Centre,
Ministry of Health Malaysia*