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PETUNJUK KESIHATAN
HEALTH INDICATORS
2020

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PETUNJUK BAGI PEMANTAUAN DAN PENILAIAN STRATEGI *HEALTH FOR ALL*

INDICATORS FOR MONITORING AND EVALUATION OF STRATEGY HEALTH FOR ALL

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VISI KESIHATAN

Negara menggembleng tenaga ke arah kesihatan yang lebih baik.

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

VISION OF HEALTH

A nation working together for better 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*

PENDAHULUAN: PETUNJUK BAGI PEMANTAUAN DAN PENILAIAN STRATEGI *HEALTH FOR ALL* (HFA)

STRATEGI SEDUNIA

Edisi Petunjuk Bagi Pemantauan dan Penilaian Strategi *Health For All* ini merupakan edisi yang ke-36 sejak Rangka Umum yang pertama bagi penilaian digunakan dalam tahun 1985. Sehingga kini, senarai petunjuk global tidak berubah. Petunjuk ini adalah penting bagi negara-negara anggota Pertubuhan Kesihatan Sedunia (WHO) menilai strategi nasional masing-masing ke arah matlamat-matlamat HFA.

Berdasarkan kepada hasil dari pengawasan dan penilaian yang dijalankan secara bergilir-gilir oleh negara-negara anggota dan enam pusat penyelarasan kawasan Pertubuhan Kesihatan Sedunia, Lembaga Eksekutif Pertubuhan Kesihatan Sedunia dan Persidangan Kesihatan Sedunia dapat menilai strategi HFA untuk seluruh dunia. Dengan pengawasan dan penilaian secara global, petunjuk dapat diubahsuai bagi memastikan kesesuaiannya untuk negara-negara anggota. Dalam usaha pengubahsuaian ini, senarai tersebut dapat ditambahkan dengan petunjuk kecil dan petunjuk tambahan bagi memudahkan lagi kerja pengawasan dan penilaian.

PETUNJUK BAGI PENGAWASAN DAN PENILAIAN STRATEGI SEDUNIA

Pengawasan dengan menggunakan Rangka Umum pengawasan (*Common Framework for Monitoring*, (CFM)) telah dijalankan dalam tahun 1982 diikuti dengan Rangka Umum pernilaian (*Common Framework for Evaluation* (CFE)) dalam tahun 1985. Pengawasan kedua dijalankan pada tahun 1988, juga diikuti dengan penilaian dalam 1991. Pengawasan kali ketiga telah dijalankan pada tahun 1994 dan diikuti dengan penilaian dalam tahun 1997.

Perkara-perkara yang diliputi dalam Pengawasan dan Penilaian Rangka Umum yang terdahulu adalah seperti berikut:-

a) Proses dan mekanisma pengawasan dan penilaian
b) Dasar-dasar dan strategi kesihatan kebangsaan
c) Pembangunan sistem-sistem kesihatan
d) Tindak-tanduk antarabangsa
e) Jagaan kesihatan yang disediakan
f) Tahap kesihatan dan sosio-ekonomi

Dalam pengawasan melalui Rangka Umum yang ketiga, susunan pada senarai lama 12 petunjuk antarabangsa telah pun dipinda mengikut susunan perkara yang diawasi, iaitu:-

a) Arah-aliran tahap kesihatan
b) Pelaksanaan jagaan kesihatan asas
c) Pembangunan sistem-sistem kesihatan berdasarkan pada jagaan kesihatan asas
d) Sumber-sumber kesihatan
e) Arah-aliran cara hidup sihat dan alam persekitaran
f) Kependudukan dan aliran sosio-ekonomi

Pengawasan Rangka Umum ketiga telah dapat menambahkan lagi dua jenis maklumat, satu berkaitan dengan aliran kecacatan dan yang lagi satu berkaitan dengan cara hidup sihat dan alam persekitaran.

Sebagai tambahan, maklumat bagi matlamat-matlamat pengawasan untuk pembangunan, perlindungan dan keselamatan kanak-kanak melalui 27 petunjuk yang disyorkan dalam Persidangan Kemuncak Sedunia bagi Kanak-kanak pada bulan September 1990 telah dimasukkan ke dalam pengawasan Rangka Umum untuk kajian pertengahan dekad bagi kemajuan yang dibuat untuk pencapaian matlamat utama tahun 2000 seperti dicadangkan oleh WHO/UNICEF.

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.

Walau bagaimanapun, kesemua petunjuk antarabangsa (selain daripada petunjuk yang berbentuk penyataan dasar) boleh didapati dalam senarai petunjuk kebangsaan ini, samada dalam bentuk asal ataupun telah diubahsuai.

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 maklumbalas mengenai kesesuaian dan kegunaan petunjuk ini. Ini akan dapat membantu Kementerian dalam penilaian secara menyeluruh terhadap kemajuan ke arah strategi kebangsaan bagi HFA.

INTRODUCTION : INDICATORS FOR MONITORING AND EVALUATION OF STRATEGY HEALTH FOR ALL (HFA)

THE GLOBAL STRATEGY

This is the 36th edition of the "Indicators for Monitoring and Evaluation of The Strategy Health for All" since the first Common Framework for evaluation (CFE) was carried out in 1985. The global indicators have remained unchanged ever since. These indicators represented the essential minimum for member countries of WHO to evaluate their own national strategy towards HFA goals.

Following each alternating cycle of monitoring and evaluation by the member countries and by the six regional coordinating centres, the Executive Board of the WHO and the World Health Assembly was able to evaluate the HFA strategy globally. With each global monitoring and evaluation, the list of indicators was supplemented by sub-indicators and additional indicators to facilitate country monitoring and evaluation.

THE INDICATORS FOR MONITORING AND EVALUATION OF THE GLOBAL STRATEGY

The first Common Framework for Monitoring (CFM) was carried out in 1982 followed by a Common Framework for evaluation (CFE) in 1985. The second CFM was carried out in 1988, again followed by a CFE in 1991. The third CFM was carried out in 1994 and again followed by a CFE in 1997.

The areas covered in the early CFM and CFE are essentially the following:

a) Monitoring and evaluation process and mechanism
b) National health politics policies and strategies
c) Development of health systems
d) International action
e) Availability of health care
f) Health and socio-economic status

In the present CFM 3, the order of the original list of 12 global indicators has been rearranged to match the sequence of the areas monitored viz :

a) Trends in health status
b) Implementing of primary health care
c) Development of health systems based on primary health care
d) Resources for health
e) Trends in healthy lifestyles and environment
f) Population and socio-economic trends

The CFM3 has attempted to incorporate two additional information, one on disability trends and the other on healthy lifestyle and environment.

In addition, information for monitoring and the goals for child survival, development and protection via 27 indicators recommended by the World Summit for Children in September 1990 was included as proposed by WHO/UNICEF for a mid-decade review of the progress made towards achievement of major goals by the year 2000.

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 indicators
b) Health status indicators
c) Specific health problems indicators
d) Health services improvement indicators

These is 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 farm of policy statements) are to be found in the national indicators either in their basic form or adaptations of these.

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

These indicators should be used to monitor and evaluate and 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 HFA.

NOTA KETERANGAN

1. Penggunaan data penduduk untuk pengiraan kadar

Pengiraan indikator nisbah/kadar/peratus dalam laporan ini yang akan membabitkan jumlah penduduk merujuk kepada Anggaran Penduduk Semasa (data anggaran)

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 nyawa 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 1,000 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 (1), Institusi Perubatan Respiratori (1), Hospital Rehabilitasi (1), Hospital Wanita dan Kanak-Kanak (1), Institusi Kanser Negara (1) 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 (estimate figure)

2. *Demographic Indicators*

2.1 *Perinatal death 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 death rate*
Refers to deaths of infants aged less than 28 days per 1,000 live births

2.4 *Infant death rate*
Refers to deaths of infants aged less than 1 year per 1,000 live births

2.5 *Toddlers death 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 population aged below 5 years

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 (1), Institute of Respiratory Medicine (1), Rehabilitation Hospital (1), Women & Children Hospital (1), National Cancer Institute (1) 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. *Notes dan symbols*

P	:	*Preliminary figure*
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 2019

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 2019

NEGERI *State*	LELAKI *Male*	PEREMPUAN *Female*	JUMLAH *Total*
Johor	170,106	161,024	331,130
Kedah	96,878	93,091	189,969
Kelantan	87,401	84,187	171,588
Melaka	42,824	40,810	83,634
Negeri Sembilan	53,375	50,954	104,329
Pahang	75,044	71,636	146,680
Perak	103,598	98,190	201,788
Perlis	12,198	11,452	23,650
Pulau Pinang	67,406	64,169	131,575
Sabah	146,301	137,965	284,266
Sarawak	126,465	118,348	244,813
Selangor	271,294	257,737	529,031
Terengganu	65,863	62,688	128,551
W.P. Kuala Lumpur	66,246	64,030	130,276
W.P. Labuan	4,816	4,577	9,393
W.P. Putrajaya	9,437	9,149	18,586
MALAYSIA	**1,399,252**	**1,330,007**	**2,729,259**

Nota/*Note*:
Enrolmen Tahun 1 hingga Tahun 6 termasuk murid pendidikan khas PPKI (Program Pendidikan Khas Integrasi)
Enrolment in Year 1 to Year 6 include pupils in SEIP (Special Education Integration Programme)
Termasuk enrolmen Tahun 4 hingga 6 di Sekolah Model Khas dan Sekolah Sukan
Including enrolmen in Year 4 to 6 in Special Model Schools dan Sports Schools

PUNCA : 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 2019

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 2019

NEGERI *State*	LELAKI *Male*	PEREMPUAN *Female*	JUMLAH *Total*
Johor	23,575	24,014	47,589
Kedah	13,562	14,336	27,898
Kelantan	10,748	11,384	22,132
Melaka	5,984	6,047	12,031
Negeri Sembilan	7,961	7,941	15,902
Pahang	9,502	9,364	18,866
Perak	15,626	15,860	31,486
Perlis	1,656	1,735	3,391
Pulau Pinang	9,831	9,979	19,810
Sabah	19,125	19,000	38,125
Sarawak	18,520	18,635	37,155
Selangor	35,232	35,921	71,153
Terengganu	9,091	9,319	18,410
W.P. Kuala Lumpur	8,357	8,300	16,657
W.P. Labuan	581	554	1,135
W.P. Putrajaya	931	772	1,703
MALAYSIA	**190,282**	**193,161**	**383,443**

Nota/*Note*:
Enrolmen di peringkat menengah rendah termasuk murid pendidikan khas PPKI (Program Pendidikan Khas Integrasi)
Enrolment in lower secondary level includes pupils in SEIP (Special Education Integration Programme)
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

PUNCA : 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 2019

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 2019

NEGERI *State*	LELAKI *Male*	PEREMPUAN *Female*	JUMLAH *Total*
Johor	21,813	22,968	44,781
Kedah	13,128	14,525	27,653
Kelantan	10,849	11,868	22,717
Melaka	5,658	6,169	11,827
Negeri Sembilan	7,522	7,885	15,407
Pahang	9,256	9,402	18,658
Perak	15,067	16,306	31,373
Perlis	1,739	1,867	3,606
Pulau Pinang	9,461	9,600	19,061
Sabah	16,982	18,201	35,183
Sarawak	16,288	17,260	33,548
Selangor	32,332	34,516	66,848
Terengganu	8,683	9,449	18,132
W.P. Kuala Lumpur	7,912	8,278	16,190
W.P. Labuan	545	511	1,056
W.P. Putrajaya	745	622	1,367
MALAYSIA	**177,980**	**189,427**	**367,407**

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

PUNCA : KEMENTERIAN PENDIDIKAN MALAYSIA
Source : Ministry of Education Malaysia.

JADUAL 1.4 : KELUARAN DALAM NEGERI KASAR, PENDAPATAN NEGARA KASAR DAN ANGGARAN PENDUDUK, MALAYSIA, 2019

Table 1.4 : Gross Domestic Product, Gross National Income and Estimated Population, Malaysia, 2019

Keluaran Dalam Negeri Kasar (KDNK) (Harga Malar 2015 (Dalam Juta) *Gross Domestic Product (GDP) (Constant 2015 prices) (In million)*	RM 1,424,879
Per Kapita KDNK (Harga Malar 2015) *Per Capita GDP (Constant 2015 prices)*	RM 43,708
Pendapatan Negara Kasar (Harga Semasa) (Dalam Juta) *Gross National income (Current prices)*	RM 1,394,728
Pendapatan Per Kapita (Harga Semasa) *Per Capita Income (Current prices)*	RM 45,186
Anggaran Penduduk Semasa (Dalam Juta)[e] *Current Population Estimates (In Million)[e]*	32.6

PUNCA : TINJAUAN EKONOMI 2020. KEMENTERIAN KEWANGAN MALAYSIA
Source : Economic Outlook 2020 - Ministry Of Finance Malaysia

JADUAL 1.5 : KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2017 - 2019
Table 1.5 : Annual Population Growth Rate, Malaysia, 2017 - 2019

TAHUN *Year*	JUMLAH *Total*	LELAKI *Male*	PEREMPUAN *Female*
2017	1.22	1.19	1.25
2018	1.12	1.07	1.16
2019[e]	0.61	0.65	0.57

Nota/*Note*:
e: Anggaran/*Estimates*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia.

JADUAL 1.6 : PENDUDUK MENGIKUT JANTINA, STRATA DAN NEGERI, MALAYSIA, 2019[e]
Table 1.6 : Population by Sex, Strata and State, Malaysia, 2019[e]

NEGERI *State*	PENDUDUK *Population ('000)*			PENDUDUK BANDAR *Urban Population*		PENDUDUK LUAR BANDAR *Rural Population*	
	JUMLAH *Total*	LELAKI *Male*	PEREMPUAN *Female*	BILANGAN *Number*	PERATUS *Percentage*	BILANGAN *Number*	PERATUS *Percentage*
Johor	3,764.3	1,983.2	1,781.0	2,924.1	77.70	840.2	22.30
Kedah	2,180.6	1,107.0	1,073.6	1,576.2	72.30	604.4	27.70
Kelantan	1,885.7	954.0	931.7	954.6	50.60	931.1	49.40
Melaka	930.7	467.7	463.0	880.6	94.60	50.1	5.40
Negeri Sembilan	1,130.3	584.0	546.3	840.9	74.40	289.4	25.60
Pahang	1,674.6	890.3	784.3	968.0	57.80	706.6	42.20
Perak	2,512.1	1,271.2	1,240.9	1,903.1	75.80	609.0	24.20
Perlis	254.4	126.7	127.7	163.4	64.30	90.9	35.70
Pulau Pinang	1,774.6	893.0	881.7	1,691.5	95.30	83.2	4.70
Sabah	3,903.4	2,042.8	1,860.6	2,354.7	60.30	1,548.6	39.70
Sarawak	2,812.8	1,466.8	1,346.0	1,663.8	59.20	1,149.0	40.80
Selangor	6,528.4	3,395.4	3,133.1	6,099.6	93.40	428.8	6.60
Terengganu	1,245.7	634.1	611.7	827.6	66.40	418.1	33.60
W.P. Kuala Lumpur	1,780.7	916.1	864.7	1,780.7	100.00	0.0	0.00
W.P. Labuan	99.3	50.2	49.1	84.4	85.00	14.9	15.00
W.P. Putrajaya	103.8	48.3	55.5	103.8	100.00	0.0	0.00
MALAYSIA	**32,581.4**	**16,830.6**	**15,750.8**	**24,817.0**	**76.20**	**7,764.4**	**23.80**

Nota/*Note*:
Hasil tambah mungkin berbeza kerana pembundaran
The added total may differ due to rounding
Anggaran Penduduk Semasa[(e)]
Current Population Estimated[(e)]

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 1.7 : PERATUSAN PENDUDUK MENGIKUT KUMPULAN UMUR, JUMLAH NISBAH TANGGUNGAN DAN NISBAH JANTINA MENGIKUT NEGERI, MALAYSIA, 2019[e]

Table 1.7 : Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2019[e]

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	23.3	69.5	7.2	43.8	111
Kedah	24.5	67.6	7.9	48.0	103
Kelantan	29.8	63.7	6.5	56.9	102
Melaka	22.7	69.0	8.3	44.9	101
Negeri Sembilan	22.7	69.3	8.0	44.4	107
Pahang	25.0	67.8	7.2	47.6	114
Perak	21.1	68.3	10.6	46.3	102
Perlis	24.4	66.5	9.1	50.4	99
Pulau Pinang	18.9	72.5	8.6	38.0	101
Sabah	22.8	73.8	3.4	35.6	110
Sarawak	22.5	69.9	7.6	43.0	109
Selangor	23.0	71.8	5.2	39.3	108
Terengganu	30.2	64.1	5.7	55.9	104
W.P. Kuala Lumpur	19.6	73.2	7.2	36.6	106
W.P. Labuan	26.2	69.4	4.4	44.0	102
W.P. Putrajaya	35.0	63.4	1.6	57.6	87
MALAYSIA	**23.3**	**70.0**	**6.7**	**42.9**	**107**

Nota/*Note*:
Hasil tambah mungkin berbeza kerana pembundaran
The added total may differ due to rounding
Anggaran Penduduk Semasa[(e)]
Current Population Estimated[(e)]

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 1.8 : KADAR LITERASI[1] MENGIKUT KUMPULAN UMUR DAN JANTINA, MALAYSIA, 2013 - 2019

Table 1.8 : Literacy Rate[1] by Age Group and Sex, Malaysia, 2013 - 2019

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

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.

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.

PUNCA : SURVEI TENAGA BURUH, JABATAN PERANGKAAN MALAYSIA

Source : Labour Force Survey, Department of Statistics, Malaysia

JADUAL 1.9 : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2013 - 2019
Table 1.9 : Life Expectancy at Birth by Sex, Malaysia, 2013 - 2019

TAHUN *Year*	LELAKI/ *Male* (Bilangan Tahun/*Number of Years*)	PEREMPUAN/ *Female* (Bilangan Tahun/*Number of 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[p]	72.2	77.1
2019[e]	72.2	77.3

Nota/*Note*:
[p]Permulaan/*Preliminary*
eAnggaran/*Estimates*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 1.10 : KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN, MALAYSIA, 2012 - 2018
Table 1.10 : Live Births by Birth Weight, Malaysia, 2012 - 2018

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

PUNCA : JABATAN PERANGKAAN 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, 2017 - 2018

Table 2.1 : Perinatal Deaths (Number and Rate*) by State and Sex, Malaysia, 2017 - 2018

NEGERI *State*	2017						2018					
	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	504	8.2	273	8.6	231	7.8	576	9.4	334	10.5	242	8.2
Kedah	301	8.2	160	8.4	141	7.9	283	7.9	163	8.8	120	7.0
Kelantan	363	9.2	215	10.6	148	7.7	335	8.7	186	9.3	149	8.1
Melaka	121	8.4	64	8.5	57	8.2	137	9.5	80	10.8	57	8.1
Negeri Sembilan	177	9.7	105	11.1	72	8.2	172	9.4	101	10.8	71	8.0
Pahang	254	9.2	153	10.8	101	7.5	258	9.5	142	10.1	116	8.8
Perak	297	8.5	164	9.1	133	7.8	265	7.8	140	8.0	125	7.6
Perlis	36	8.1	20	8.5	16	7.6	40	9.1	23	10.2	17	8.0
Pulau Pinang	169	7.8	93	8.4	76	7.3	191	9.2	99	9.2	92	9.1
Sabah	630	11.9	366	13.4	264	10.3	714	13.4	379	13.6	335	13.1
Sarawak	310	8.2	164	8.3	146	8.0	290	7.9	170	9.0	120	6.7
Selangor	797	7.6	439	8.1	358	7.1	811	7.9	440	8.3	371	7.5
Terengganu	236	8.4	136	9.5	100	7.2	208	7.3	112	7.7	96	7.0
W.P. Kuala Lumpur	223	9.0	136	10.6	87	7.2	194	8.0	115	9.2	79	6.7
W.P. Labuan	15	8.8	5	5.7	10	12.1	17	10.0	10	10.9	7	8.9
W.P. Putrajaya	16	6.3	8	6.2	8	6.5	23	9.5	17	13.5	6	5.2
MALAYSIA	**4,449**	**8.7**	**2,501**	**9.5**	**1,948**	**7.9**	**4,514**	**8.9**	**2,511**	**9.6**	**2,003**	**8.2**

Nota/*Note*:
* Setiap 1,000 kelahiran / *per 1,000 births*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.2 : KELAHIRAN MATI (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2017 - 2018
Table 2.2 : Stillbirths (Number and Rate*) by State and Sex, Malaysia, 2017 - 2018

NEGERI *State*	2017						2018					
	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	302	4.9	164	5.2	138	4.7	374	6.1	228	7.2	146	4.9
Kedah	195	5.3	109	5.7	86	4.8	167	4.7	91	4.9	76	4.4
Kelantan	224	5.7	138	6.8	86	4.5	197	5.1	102	5.1	95	5.1
Melaka	71	4.9	38	5.1	33	4.7	84	5.8	48	6.5	36	5.1
Negeri Sembilan	98	5.4	58	6.1	40	4.6	92	5.0	53	5.6	39	4.4
Pahang	158	5.7	89	6.3	69	5.1	157	5.8	86	6.1	71	5.4
Perak	170	4.9	96	5.3	74	4.4	149	4.4	80	4.6	69	4.2
Perlis	25	5.6	13	5.5	12	5.7	23	5.2	13	5.7	10	4.7
Pulau Pinang	111	5.1	55	5.0	56	5.3	123	5.9	61	5.7	62	6.1
Sabah	386	7.3	225	8.2	161	6.3	431	8.1	226	8.1	205	8.0
Sarawak	193	5.1	99	5.0	94	5.2	185	5.0	104	5.5	81	4.5
Selangor	518	5.0	299	5.5	219	4.3	505	4.9	270	5.1	235	4.7
Terengganu	154	5.5	86	6.0	68	4.9	122	4.3	61	4.2	61	4.4
W.P. Kuala Lumpur	147	5.9	94	7.3	53	4.4	123	5.0	74	5.9	49	4.1
W.P. Labuan	11	6.5	4	4.6	7	8.5	9	5.3	4	4.4	5	6.4
W.P. Putrajaya	6	2.4	1	0.8	5	4.1	14	5.8	10	7.9	4	3.5
MALAYSIA	**2,769**	**5.4**	**1,568**	**5.9**	**1,201**	**4.9**	**2,755**	**5.5**	**1,511**	**5.8**	**1,244**	**5.1**

Nota/*Note*:
* Setiap 1,000 kelahiran / *per 1,000 births*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.3 : KEMATIAN NEONATAL (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2017 - 2018
Table 2.3 : Neonatal Deaths (Number and Rate*) by State and Sex, Malaysia, 2017 - 2018

NEGERI *State*	2017						2018					
	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	274	4.5	151	4.8	123	4.2	265	4.3	139	4.4	126	4.3
Kedah	140	3.8	70	3.7	70	4.0	151	4.2	88	4.8	63	3.7
Kelantan	198	5.1	106	5.3	92	4.8	195	5.1	120	6.0	75	4.1
Melaka	60	4.2	31	4.2	29	4.2	71	4.9	43	5.8	28	4.0
Negeri Sembilan	103	5.7	60	6.4	43	4.9	111	6.1	63	6.8	48	5.4
Pahang	130	4.7	79	5.6	51	3.8	125	4.6	68	4.9	57	4.4
Perak	161	4.6	89	5.0	72	4.3	150	4.4	73	4.2	77	4.7
Perlis	11	2.5	7	3.0	4	1.9	28	6.4	12	5.3	16	7.5
Pulau Pinang	83	3.9	50	4.5	33	3.2	89	4.3	47	4.4	42	4.2
Sabah	322	6.1	192	7.1	130	5.1	335	6.3	180	6.5	155	6.1
Sarawak	158	4.2	96	4.9	62	3.4	139	3.8	85	4.5	54	3.0
Selangor	386	3.7	201	3.7	185	3.7	422	4.1	239	4.5	183	3.7
Terengganu	114	4.1	70	4.9	44	3.2	118	4.2	66	4.5	52	3.8
W.P. Kuala Lumpur	94	3.8	55	4.3	39	3.2	98	4.0	56	4.5	42	3.6
W.P. Labuan	7	4.2	2	2.3	5	6.1	12	7.1	8	8.8	4	5.1
W.P. Putrajaya	12	4.8	7	5.4	5	4.1	12	5	8	6.4	4	3.5
MALAYSIA	**2,253**	**4.4**	**1,266**	**4.8**	**987**	**4.0**	**2,321**	**4.6**	**1,295**	**5.0**	**1,026**	**4.2**

Nota/*Note*:
* Setiap 1,000 kelahiran hidup / *per 1,000 live births*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.4 : KEMATIAN BAYI (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2017 - 2018

Table 2.4 : Infant Deaths (Number and Rate*) by State and Sex, Malaysia, 2017 - 2018

NEGERI *State*	2017						2018					
	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	413	6.8	226	7.1	187	6.4	422	6.9	221	7.0	201	6.8
Kedah	215	5.9	106	5.6	109	6.2	229	6.4	136	7.4	93	5.4
Kelantan	302	7.7	160	8.0	142	7.5	288	7.5	173	8.7	115	6.3
Melaka	95	6.6	55	7.4	40	5.8	110	7.6	71	9.6	39	5.6
Negeri Sembilan	148	8.2	91	9.7	57	6.6	162	8.9	89	9.5	73	8.2
Pahang	205	7.4	123	8.7	82	6.1	197	7.3	109	7.8	88	6.7
Perak	242	6.9	134	7.5	108	6.4	223	6.6	112	6.4	111	6.8
Perlis	25	5.6	15	6.4	10	4.8	39	8.9	14	6.2	25	11.8
Pulau Pinang	125	5.8	71	6.4	54	5.2	133	6.4	73	6.8	60	6.0
Sabah	502	9.6	297	11.0	205	8.1	534	10.1	297	10.8	237	9.3
Sarawak	238	6.3	136	7.0	102	5.6	262	7.2	148	7.8	114	6.4
Selangor	620	6.0	329	6.1	291	5.8	662	6.5	362	6.9	300	6.1
Terengganu	173	6.2	100	7.1	73	5.3	173	6.1	96	6.6	77	5.6
W.P. Kuala Lumpur	160	6.5	85	6.7	75	6.2	150	6.2	82	6.6	68	5.8
W.P. Labuan	12	7.1	2	2.3	10	12.2	16	9.5	9	9.9	7	9.0
W.P. Putrajaya	21	8.3	9	6.9	12	9.8	22	9.2	12	9.6	10	8.7
MALAYSIA	**3,496**	**6.9**	**1,939**	**7.4**	**1,557**	**6.3**	**3,622**	**7.2**	**2,004**	**7.7**	**1,618**	**6.7**

Nota/*Note*:
* Setiap 1,000 kelahiran hidup / *per 1,000 live births*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.5 : KEMATIAN KANAK-KANAK 1 - 4 TAHUN (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2017 - 2018

Table 2.5 : Toddler Deaths 1 - 4 years (Number and Rate*) by State and Sex, Malaysia, 2017 - 2018

NEGERI *State*	2017						2018					
	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	90	0.4	56	0.5	34	0.3	93	0.4	53	0.4	40	0.3
Kedah	53	0.4	29	0.4	24	0.3	57	0.4	31	0.4	26	0.4
Kelantan	61	0.4	33	0.4	28	0.4	55	0.3	32	0.4	23	0.3
Melaka	19	0.3	11	0.4	8	0.3	10	0.2	8	0.3	2	0.1
Negeri Sembilan	31	0.4	21	0.6	10	0.3	27	0.4	16	0.4	11	0.3
Pahang	52	0.5	29	0.5	23	0.4	47	0.4	25	0.4	22	0.4
Perak	54	0.4	29	0.4	25	0.4	61	0.4	36	0.5	25	0.4
Perlis	5	0.3	2	0.2	3	0.4	6	0.3	5	0.6	1	0.1
Pulau Pinang	25	0.3	17	0.4	8	0.2	25	0.3	14	0.3	11	0.3
Sabah	150	0.6	84	0.6	66	0.5	137	0.6	71	0.6	66	0.6
Sarawak	58	0.4	31	0.4	27	0.3	85	0.5	48	0.6	37	0.5
Selangor	132	0.3	72	0.3	60	0.3	135	0.3	62	0.3	73	0.4
Terengganu	37	0.4	21	0.4	16	0.3	34	0.3	18	0.3	16	0.3
W.P. Kuala Lumpur	30	0.3	17	0.3	13	0.3	27	0.3	14	0.3	13	0.3
W.P. Labuan	0	0	0	0	0	0	1	0.1	1	0.3	0	0
W.P. Putrajaya	2	0.2	1	0.2	1	0.2	5	0.4	4	0.7	1	0.2
MALAYSIA	**799**	**0.4**	**453**	**0.4**	**346**	**0.3**	**805**	**0.4**	**438**	**0.4**	**367**	**0.4**

Nota/*Note*:
* Setiap 1,000 penduduk berumur 1 - 4 tahun / *per 1,000 population aged 1 - 4 years*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.6 : KEMATIAN KURANG DARIPADA 5 TAHUN (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2017 - 2018

Table 2.6 : Under-5 Mortality (Number and Rate*) by State and Sex, Malaysia, 2017 - 2018

NEGERI *State*	2017						2018					
	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	503	8.2	282	8.9	221	7.5	515	8.4	274	8.7	241	8.2
Kedah	268	7.3	135	7.1	133	7.5	286	8.0	167	9.0	119	6.9
Kelantan	363	9.3	193	9.6	170	8.9	343	8.9	205	10.3	138	7.5
Melaka	114	7.9	66	8.9	48	6.9	120	8.3	79	10.7	41	5.8
Negeri Sembilan	179	9.9	112	11.9	67	7.7	189	10.4	105	11.3	84	9.5
Pahang	257	9.3	152	10.8	105	7.8	244	9.0	134	9.6	110	8.4
Perak	296	8.5	163	9.1	133	7.9	284	8.4	148	8.5	136	8.3
Perlis	30	6.7	17	7.2	13	6.2	45	10.3	19	8.4	26	12.3
Pulau Pinang	150	7.0	88	8.0	62	6.0	158	7.6	87	8.2	71	7.1
Sabah	652	12.4	381	14.0	271	10.7	671	12.7	368	13.3	303	11.9
Sarawak	296	7.9	167	8.5	129	7.1	347	9.5	196	10.4	151	8.5
Selangor	752	7.2	401	7.5	351	7.0	797	7.8	424	8.0	373	7.6
Terengganu	210	7.5	121	8.5	89	6.5	207	7.3	114	7.8	93	6.8
W.P. Kuala Lumpur	190	7.7	102	8.0	88	7.3	177	7.3	96	7.7	81	6.9
W.P. Labuan	12	7.1	2	2.3	10	12.2	17	10.1	10	11.0	7	9.0
W.P. Putrajaya	23	9.1	10	7.7	13	10.7	27	11.3	16	12.8	11	9.6
MALAYSIA	**4,295**	**8.4**	**2,392**	**9.1**	**1,903**	**7.7**	**4,427**	**8.8**	**2,442**	**9.4**	**1,985**	**8.2**

Nota/*Note*:
* Setiap 1,000 kelahiran hidup / *per 1,000 live births*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.7 : KEMATIAN IBU BERSALIN (BILANGAN DAN NISBAH*) MENGIKUT NEGERI, MALAYSIA, 2017 - 2018
Table 2.7 : Maternal Deaths (Number and Ratio*) by State, Malaysia, 2017 - 2018

NEGERI *State*	2017		2018	
	BILANGAN *Number*	NISBAH *Ratio*	BILANGAN *Number*	NISBAH *Ratio*
Johor	15	24.6	17	27.8
Kedah	10	27.3	9	25.3
Kelantan	10	25.6	7	18.2
Melaka	4	27.8	4	27.8
Negeri Sembilan	4	22.1	6	33.0
Pahang	8	29.0	9	33.3
Perak	7	20.1	8	23.6
Perlis	1	22.5	0	0
Pulau Pinang	9	41.9	4	19.3
Sabah	14	26.7	10	18.9
Sarawak	8	21.2	11	30.0
Selangor	25	24.0	20	19.6
Terengganu	6	21.5	3	10.6
W.P. Kuala Lumpur	6	24.3	10	41.3
W.P. Labuan	0	0	0	0
W.P. Putrajaya	0	0	0	0
MALAYSIA	**127**	**25.0**	**118**	**23.5**

Nota/*Note*:
* Setiap 1,000 kelahiran hidup / *per 100,000 live births*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.8 : KEMATIAN (BILANGAN DAN KADAR) MENGIKUT KUMPULAN UMUR TERTENTU, MALAYSIA, 2017 - 2018
Table 2.8 : Deaths (Number and Rate) by Specific Age Groups, Malaysia, 2017 - 2018

KUMPULAN UMUR *Age Group*	2017						2018					
	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*
< 1	3,496	6.9	1,939	7.4	1,557	6.3	3,622	7.1	2,004	7.6	1,618	6.5
1 – 4	799	0.4	453	0.4	346	0.3	805	0.4	438	0.4	367	0.4
5 – 9	618	0.2	354	0.3	264	0.2	627	0.2	375	0.3	252	0.2
10 – 14	774	0.3	505	0.4	269	0.2	691	0.3	443	0.3	248	0.2
15 – 19	1,860	0.6	1,433	1.0	427	0.3	1,759	0.6	1,336	0.9	423	0.3
20 – 24	2,318	0.7	1,745	1.0	573	0.4	2,307	0.7	1,711	1.0	596	0.4
25 – 29	2,465	0.8	1,758	1.0	707	0.5	2,414	0.7	1,691	1.0	723	0.5
30 – 34	3,156	1.1	2,201	1.5	955	0.7	3,120	1.1	2,174	1.4	946	0.7
35 – 39	3,855	1.7	2,637	2.2	1,218	1.1	4,113	1.7	2,854	2.2	1,259	1.1
40 – 44	5,250	2.7	3,595	3.6	1,655	1.8	5,323	2.7	3,664	3.6	1,659	1.8
45 – 49	7,427	4.2	4,883	5.5	2,544	2.9	7,382	4.2	4,963	5.6	2,419	2.8
50 – 54	10,579	6.6	6,849	8.4	3,730	4.7	10,883	6.7	7,095	8.7	3,788	4.7
55 – 59	14,275	10.3	9,031	12.8	5,244	7.7	14,544	10.3	9,347	12.9	5,197	7.5
60 – 64	16,907	15.6	10,510	19.3	6,397	11.8	17,480	15.5	10,856	19.2	6,624	11.7
65 – 69	18,532	22.7	11,230	27.9	7,302	17.7	19,048	22.6	11,563	27.8	7,485	17.5
70 – 74	19,001	36.0	11,117	43.5	7,884	28.9	19,494	34.1	11,389	41.3	8,105	27.4
75 - 79	20,151	60.2	10,775	68.2	9,376	53.0	20,010	59.3	10,745	67.5	9,265	51.9
80 - 84	18,106	100.3	8,431	100.6	9,675	100.1	19,183	97.8	9,122	100.4	10,061	95.6
85 dan lebih/*and over*	18,592	130.4	7,076	103.6	11,516	155.0	19,226	131.9	7,179	100.7	12,047	161.7
Tidak diketahui *Unknown*	7	-	0	-	7	-	-	-	-	-	-	-
JUMLAH/Total	**168,168**	**5.3**	**96,522**	**5.8**	**71,646**	**4.6**	**172,031**	**5.3**	**98,949**	**5.9**	**73,082**	**4.7**

Nota/*Note*:
* Setiap 1,000 kelahiran / *per 1,000 births*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.9 : KEMATIAN DAN KADAR KEMATIAN KASAR* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2017 - 2018

Table 2.9 : Deaths and Crude Death Rate* by State and Sex, Malaysia, 2017 - 2018

NEGERI *State*	2017						2018					
	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	20,662	5.6	12,076	6.2	8,586	4.9	21,117	5.6	12,384	6.3	8,733	4.9
Kedah	14,332	6.7	8,049	7.4	6,283	6.0	14,552	6.7	8,216	7.5	6,336	5.9
Kelantan	11,203	6.1	6,284	6.8	4,919	5.4	11,316	6.1	6,332	6.7	4,984	5.4
Melaka	5,523	6.0	3,092	6.7	2,431	5.4	5,407	5.9	3,079	6.6	2,328	5.1
Negeri Sembilan	7,111	6.4	4,100	7.1	3,011	5.6	7,298	6.5	4,285	7.4	3,013	5.6
Pahang	9,261	5.6	5,498	6.3	3,763	4.9	9,246	5.6	5,525	6.2	3,721	4.8
Perak	18,047	7.2	10,420	8.3	7,627	6.2	18,600	7.4	10,582	8.4	8,018	6.5
Perlis	2,004	8.0	1,100	8.8	904	7.2	2,042	8.1	1,138	9.0	904	7.1
Pulau Pinang	10,727	6.2	5,984	6.8	4,743	5.5	11,209	6.4	6,271	7.1	4,938	5.6
Sabah	13,719	3.6	7,929	3.9	5,790	3.1	13,940	3.6	8,170	4.0	5,770	3.1
Sarawak	13,117	4.7	7,564	5.2	5,553	4.2	13,828	5.0	7,862	5.4	5,966	4.5
Selangor	26,733	4.2	15,417	4.6	11,316	3.7	27,387	4.2	15,829	4.7	11,558	3.7
Terengganu	7,048	5.8	4,030	6.5	3,018	5.1	7,099	5.8	4,052	6.5	3,047	5.1
W.P. Kuala Lumpur	8,205	4.6	4,724	5.1	3,481	4.0	8,485	4.7	4,929	5.4	3,556	4.1
W.P. Labuan	247	2.5	132	2.7	115	2.4	287	2.9	175	3.5	112	2.3
W.P. Putrajaya	229	2.6	123	3.0	106	2.3	218	2.2	120	2.6	98	1.9
MALAYSIA	**168,168**	**5.3**	**96,522**	**5.8**	**71,646**	**4.6**	**172,031**	**5.3**	**98,949**	**5.9**	**73,082**	**4.7**

Nota/*Note*:
* Setiap 1,000 penduduk / *per 1,000 population*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.10 : KELAHIRAN HIDUP DAN KADAR KELAHIRAN KASAR* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2017 - 2018

Table 2.10 : Live Births and Crude Birth Rate* by State and Sex, Malaysia, 2017 - 2018

NEGERI *State*	2017						2018					
	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	61,085	16.5	31,648	16.2	29,437	16.9	61,084	16.3	31,656	16.0	29,428	16.6
Kedah	36,693	17.1	18,991	17.4	17,702	16.8	35,643	16.5	18,462	16.8	17,181	16.1
Kelantan	39,122	21.4	20,084	21.8	19,038	21.0	38,360	20.6	19,984	21.3	18,376	20.0
Melaka	14,389	15.8	7,454	16.2	6,935	15.3	14,388	15.6	7,379	15.9	7,009	15.3
Negeri Sembilan	18,078	16.2	9,390	16.3	8,688	16.2	18,177	16.2	9,328	16.1	8,849	16.3
Pahang	27,555	16.7	14,111	16.1	13,444	17.5	27,006	16.2	13,930	15.7	13,076	16.8
Perak	34,838	14.0	17,953	14.2	16,885	13.7	33,869	13.5	17,455	13.8	16,414	13.3
Perlis	4,447	17.6	2,347	18.7	2,100	16.6	4,371	17.2	2,249	17.8	2,122	16.7
Pulau Pinang	21,464	12.3	11,048	12.6	10,416	12.0	20,705	11.7	10,661	12.0	10,044	11.5
Sabah	52,528	13.6	27,120	13.5	25,408	13.8	53,025	13.6	27,601	13.6	25,424	13.6
Sarawak	37,654	13.6	19,543	13.5	18,111	13.7	36,624	13.1	18,876	13.0	17,748	13.3
Selangor	103,987	16.3	53,823	16.2	50,164	16.4	102,125	15.8	52,784	15.7	49,341	15.9
Terengganu	27,911	23.1	14,177	23.0	13,734	23.2	28,242	23.0	14,578	23.3	13,664	22.7
W.P. Kuala Lumpur	24,732	13.8	12,722	13.8	12,010	13.7	24,235	13.5	12,475	13.6	11,760	13.5
W.P. Labuan	1,685	17.3	866	17.6	819	17.0	1,691	17.1	913	18.3	778	15.9
W.P. Putrajaya	2,517	28.8	1,298	31.7	1,219	26.2	2,400	24.7	1,251	27.4	1,149	22.3
MALAYSIA	**508,685**	**15.9**	**262,575**	**15.9**	**246,110**	**15.9**	**501,945**	**15.5**	**259,582**	**15.5**	**242,363**	**15.5**

Nota/*Note*:
* Setiap 1,000 penduduk / *per 1,000 population*

PUNCA : JABATAN PERANGKAAN MALAYSIA
Source : Department of Statistics, Malaysia

JADUAL 2.11 : KADAR KESUBURAN JUMLAH, MALAYSIA, 2011 - 2018
Table 2.11 : Total Fertility Rate, Malaysia, 2011 - 2018

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

PUNCA : 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

Table 2.12 : Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2019

1. Bilangan Pekerja Aktif Perkeso (`000) *Number of SOCSO`s Active Employees (`000)*	7,200
2. Jumlah Kehilangan Hari Kerja Oleh Penyakit/ Kemalangan Industri (`000) *Total Number of Man Days Lost Due to Illness/Industrial Accidents (`000)*	4,023
3. Kadar Kehilangan Hari Kerja Bagi Tiap-Tiap 1,000 Tenaga Bekerja *Rate of Man Days Lost Per 1,000 Work Force*	559

PUNCA : PERTUBUHAN KESELAMATAN SOSIAL MALAYSIA
Source : Social Security Organisation Malaysia

3

PETUNJUK MASALAH KESIHATAN KHUSUS

Specific Health Problem Indicators

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT BAWAAN AIR DAN MAKANAN

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: 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	7	0.19
Kedah	0	0	7	0.32
Kelantan	0	0	1	0.05
Melaka	0	0	1	0.11
Negeri Sembilan	0	0	11	0.97
Pahang	1	0.6	29	1.73
Perak	0	0	11	0.44
Perlis	0	0	0	0
Pulau Pinang	0	0	0	0
Sabah	79	2.02	4	0.10
Sarawak	0	0	6	0.21
Selangor	0	0	109	1.67
Terengganu	0	0	0	0
W.P. Kuala Lumpur[1]	1	0.06	32	1.80
W.P. Labuan	0	0	1	1.01
MALAYSIA	**81**	**0.25**	**219**	**0.67**

Nota/*Note*:
* Kadar Kejadian bagi setiap 100,000 Penduduk
* *Incidence Rate per 100,000 population*
[1] Termasuk W.P. Putrajaya
[1] *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT BAWAAN AIR DAN MAKANAN (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Food and Water Borne Diseases (Cont'd)

NEGERI *State*	KERACUNAN MAKANAN *Food Poisoning*		*HEPATITIS A*		TIFOID DAN PARATYPHI *Typhoid And Paratyphi*	
	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	1,521	40.41	1	0.03	6	0.16
Kedah	1,306	59.89	1	0.05	4	0.18
Kelantan	899	47.67	0	0	14	0.74
Melaka	571	61.35	2	0.21	1	0.11
Negeri Sembilan	719	63.61	6	0.53	2	0.18
Pahang	1,087	64.91	2	0.12	5	0.30
Perak	711	28.30	8	0.32	11	0.44
Perlis	95	37.34	0	0	0	0
Pulau Pinang	633	35.67	1	0.06	13	0.73
Sabah	2,780	71.22	33	0.85	92	2.36
Sarawak	1,391	49.45	13	0.46	8	0.28
Selangor	3,140	48.10	16	0.25	14	0.21
Terengganu	858	68.88	0	0	1	0.08
W.P. Kuala Lumpur[1]	708	39.76	10	0.56	9	0.51
W.P. Labuan	164	165.16	1	1.01	0	0
MALAYSIA	**16,583**	**50.90**	**94**	**0.29**	**180**	**0.55**

Nota/*Note*:
* Kadar Kejadian bagi setiap 100,000 Penduduk
* *Incidence Rate per 100,000 population*
[1] Termasuk W.P. Putrajaya
[1] *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT BAWAAN VEKTOR

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Vector Borne Diseases

NEGERI *State*	DEMAM DENGGI *Dengue Fever*		DEMAM DENGGI BERDARAH *Dengue Haemorrhagic Fever*		*CHIKUNGUNYA*	
	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	10,839	287.94	34	0.90	0	0
Kedah	1,578	72.37	9	0.41	60	2.75
Kelantan	5,992	317.76	11	0.58	74	3.92
Melaka	2,148	230.79	8	0.86	11	1.18
Negeri Sembilan	2,291	202.69	14	1.24	8	0.71
Pahang	2,863	170.97	10	0.60	1	0.06
Perak	3,219	128.14	7	0.28	635	25.28
Perlis	287	112.81	1	0.39	5	1.97
Pulau Pinang	4,107	231.43	12	0.68	5	0.28
Sabah	5,451	139.65	27	0.69	1	0.03
Sarawak	2,634	93.64	14	0.50	4	0.14
Selangor	72,331	1,107.94	212	3.25	184	2.82
Terengganu	538	43.19	4	0.32	0	0
W.P. Kuala Lumpur[1]	15,264	857.19	160	8.99	1	0.06
W.P. Labuan	36	36.25	0	0	1	1.01
MALAYSIA	**129,578**	**397.71**	**523**	**1.61**	**990**	**3.04**

Nota/*Note*:
* Kadar Kejadian bagi setiap 100,000 Penduduk
* *Incidence Rate per 100,000 population*
[1] Termasuk W.P. Putrajaya
[1] *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT BAWAAN VEKTOR (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Vector Borne Diseases (Cont'd)

NEGERI *State*	MALARIA *Malaria*		*JAPANESE ENCEPHALITIS*		*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	28	0.74	0	0	22	0.58
Kedah	12	0.55	4	0.18	4	0.18
Kelantan	119	6.31	1	0.05	2	0.11
Melaka	7	0.75	0	0	6	0.64
Negeri Sembilan	37	3.27	3	0.27	24	2.12
Pahang	128	7.64	1	0.06	52	3.11
Perak	93	3.70	4	0.16	25	1.00
Perlis	0	0	0	0	1	0.39
Pulau Pinang	6	0.34	0	0	3	0.17
Sabah	2,047	52.44	10	0.26	343	8.79
Sarawak	1,315	46.75	11	0.39	11	0.39
Selangor	113	1.73	0	0	0	0
Terengganu	25	2.01	2	0.16	7	0.56
W.P. Kuala Lumpur[1]	11	0.62	0	0	0	0
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	**3,941**	**12.10**	**36**	**0.11**	**500**	**1.53**

Nota/*Note*:
*Kadar Kejadian bagi setiap 100,000 Penduduk / *Incidence Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT BAWAAN VEKTOR (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Vector Borne Diseases (Cont'd)

NEGERI *State*	TIFUS *Typhus*		*ZIKA VIRUS INFECTIONS*	
	BILANGAN KES *No. of Cases*	KADAR KEJADIAN* *Incidence Rate**	BILANGAN KES *No. of Cases*	KADAR KEJADIAN* *Incidence Rate**
Johor	2	0.05	0	0
Kedah	1	0.05	0	0
Kelantan	1	0.05	0	0
Melaka	0	0	0	0
Negeri Sembilan	0	0	0	0
Pahang	1	0.06	0	0
Perak	3	0.12	1	0.04
Perlis	0	0	0	0
Pulau Pinang	0	0	0	0
Sabah	5	0.13	0	0
Sarawak	6	0.21	0	0
Selangor	1	0.02	0	0
Terengganu	0	0	0	0
W.P. Kuala Lumpur[1]	0	0	0	0
W.P. Labuan	0	0	0	0
MALAYSIA	**20**	**0.06**	**1**	**0.00**

Nota/*Note*:
*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 dan Yellow Fever pada tahun 2019
- No incidence of cases were reported fo Plague and Yellow Fever in 2019

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT CEGAHAN VAKSIN

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Vaccine Preventable Diseases

NEGERI *State*	*DIPHTHERIA*		*HEPATITIS B*		CAMPAK *Measles*	
	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	3	0.08	204	5.42	62	1.65
Kedah	5	0.23	147	6.74	23	1.05
Kelantan	1	0.05	195	10.34	172	9.12
Melaka	1	0.11	155	16.65	40	4.30
Negeri Sembilan	0	0	209	18.49	21	1.86
Pahang	0	0	349	20.84	93	5.55
Perak	0	0	270	10.75	35	1.39
Perlis	0	0	21	8.25	2	0.79
Pulau Pinang	0	0	117	6.59	23	1.30
Sabah	2	0.05	1,303	33.38	197	5.05
Sarawak	0	0	1,041	37.01	14	0.50
Selangor	4	0.06	706	10.81	209	3.20
Terengganu	0	0	147	11.80	120	9.63
W.P. Kuala Lumpur[1]	0	0	184	10.33	56	3.14
W.P. Labuan	0	0	70	70.49	10	10.07
MALAYSIA	**16**	**0.05**	**5,118**	**15.71**	**1,077**	**3.31**

Nota/*Note*:
*Kadar Kejadian bagi setiap 100,000 Penduduk
**Incidence Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya
[1]Includes W.P. Putrajaya

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT CEGAHAN VAKSIN (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Vaccine Preventable Diseases (Cont'd)

NEGERI *State*	TETANUS NEONATORUM *Neonatal Tetanus*		LAIN-LAIN TETANUS *Others Tetanus*		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	1	0.03	9	0.24
Kedah	0	0	2	0.09	76	3.49
Kelantan	0	0	0	0	55	2.92
Melaka	0	0	0	0	16	1.72
Negeri Sembilan	0	0	1	0.09	28	2.48
Pahang	0	0	0	0	41	2.45
Perak	0	0	2	0.08	26	1.03
Perlis	0	0	1	0.39	12	4.72
Pulau Pinang	0	0	1	0.06	34	1.92
Sabah	26	0.67	15	0.38	220	5.64
Sarawak	1	0.04	2	0.07	106	3.77
Selangor	1	0.02	7	0.11	196	3.00
Terengganu	0	0	1	0.08	56	4.50
W.P. Kuala Lumpur[1]	2	0.11	1	0.06	26	1.46
W.P. Labuan	0	0	0	0	14	14.10
MALAYSIA	**30**	**0.09**	**34**	**0.10**	**915**	**2.81**

Nota/*Note*:
*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 / *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT CEGAHAN VAKSIN (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Vaccine Preventable Diseases (Cont'd)

NEGERI *State*	*ACUTE POLIOMYELETIS*	
	BILANGAN KES *No. of Cases*	KADAR KEJADIAN** *Incidence 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	0	0
Sabah	3	0.08
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/*Note*:
*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 / *Includes W.P. Putrajaya*
-Tiada kes dilaporkan bagi Penyakit Akut poliomelitis pada tahun 2019 /
-No cases were reported for Acute Poliomyelitis in 2019

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT TRANSMISI SECARA SEKSUAL

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Sexually Transmitted Diseases

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	311	8.26	345	9.17
Kedah	0	0	129	5.92	114	5.23
Kelantan	0	0	74	3.92	132	7.00
Melaka	0	0	115	12.36	152	16.33
Negeri Sembilan	0	0	74	6.55	98	8.67
Pahang	0	0	135	8.06	121	7.23
Perak	0	0	65	2.59	194	7.72
Perlis	0	0	20	7.86	12	4.72
Pulau Pinang	0	0	44	2.48	286	16.12
Sabah	0	0	392	10.04	315	8.07
Sarawak	2	0.07	807	28.69	549	19.52
Selangor	0	0	513	7.86	742	11.37
Terengganu	0	0	39	3.13	31	2.49
W.P. Kuala Lumpur[1]	0	0	271	15.22	404	22.69
W.P. Labuan	0	0	24	24.17	9	9.06
MALAYSIA	**2**	**0.01**	**3,013**	**9.25**	**3,504**	**10.75**

Nota/*Note*:
*Kadar Kejadian bagi setiap 100,000 Penduduk
**Incidence Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya
[1]Includes W.P. Putrajaya

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: LAIN-LAIN PENYAKIT BERJANGKIT

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Other Infectious Diseases

NEGERI *State*	*AIDS*		PENYAKIT TANGAN, KAKI DAN MULUT *Hand, Foot and Mouth Diseases (HFMD)*		*HEPATITIS C*	
	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	111	2.95	2,432	64.61	91	2.42
Kedah	54	2.48	1,495	68.56	244	11.19
Kelantan	80	4.24	1,729	91.69	266	14.11
Melaka	71	7.63	1,384	148.71	42	4.51
Negeri Sembilan	31	2.74	1,513	133.86	361	31.94
Pahang	64	3.82	1,183	70.64	364	21.74
Perak	66	2.63	3,626	144.34	113	4.50
Perlis	15	5.90	303	119.10	31	12.19
Pulau Pinang	40	2.25	3,065	172.71	162	9.13
Sabah	92	2.36	6,596	168.98	69	1.77
Sarawak	125	4.44	12,483	443.79	886	31.50
Selangor	141	2.16	10,463	160.27	614	9.41
Terengganu	30	2.41	438	35.16	41	3.29
W.P. Kuala Lumpur[1]	198	11.12	4,241	238.16	147	8.26
W.P. Labuan	4	4.03	1,225	1,233.64	7	7.05
MALAYSIA	**1,122**	**3.44**	**52,176**	**160.14**	**3,438**	**10.55**

Nota/*Note*:
*Kadar Kejadian bagi setiap 100,000 Penduduk
**Incidence Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya
[1]Includes W.P. Putrajaya

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Other Infectious Diseases (Cont'd)

NEGERI *State*	*HIV*		KUSTA *Leprosy*		*LEPTOSPIROSIS*	
	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	338	8.98	11	0.30	256	6.80
Kedah	177	8.12	5	0.23	391	17.93
Kelantan	107	5.67	7	0.38	849	45.02
Melaka	114	12.25	3	0.33	271	29.12
Negeri Sembilan	126	11.15	3	0.26	362	32.03
Pahang	109	6.51	18	1.04	162	9.67
Perak	163	6.49	5	0.19	344	13.69
Perlis	17	6.68	1	0.39	22	8.65
Pulau Pinang	290	16.34	7	0.40	52	2.93
Sabah	223	5.71	72	1.90	55	1.41
Sarawak	290	10.31	17	0.62	1,257	44.69
Selangor	1,082	16.57	23	0.37	665	10.19
Terengganu	65	5.22	14	1.12	353	28.34
W.P. Kuala Lumpur[1]	448	25.16	10	0.52	178	10.00
W.P. Labuan	15	15.11	2	1.92	0	0
MALAYSIA	**3,564**	**10.94**	**198**	**0.61**	**5,217**	**16.01**

Nota/*Note*:
*Kadar Kejadian bagi setiap 100,000 Penduduk
**Incidence Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya
[1]Includes W.P. Putrajaya

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Other Infectious Diseases (Cont'd)

NEGERI *State*	*OTHER SPECIFIED VIRAL HEPATITIS*		TIBI *Tuberculosis*		VIRAL ENSEFALITIS *Viral Encephalitis*	
	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	2,161	57.41	0	0
Kedah	0	0	1,345	61.68	4	0.18
Kelantan	0	0	1,136	60.24	1	0.05
Melaka	0	0	608	65.33	0	0
Negeri Sembilan	1	0.09	658	58.21	3	0.27
Pahang	0	0	968	57.80	1	0.06
Perak	0	0	1,540	61.30	5	0.20
Perlis	0	0	154	60.53	0	0
Pulau Pinang	0	0	1,463	82.44	2	0.11
Sabah	0	0	5,238	134.19	11	0.28
Sarawak	0	0	3,056	108.65	11	0.39
Selangor	2	0.03	5,211	79.82	0	0
Terengganu	0	0	718	57.64	3	0.24
W.P. Kuala Lumpur[1]	1	0.06	2,000	112.32	1	0.06
W.P. Labuan	3	3.02	96	96.68	0	0
MALAYSIA	**7**	**0.02**	**26,352**	**80.88**	**42**	**0.13**

Nota/*Note*:
*Kadar Kejadian bagi setiap 100,000 Penduduk
**Incidence Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya
[1]Includes W.P. Putrajaya

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2019: Other Infectious Diseases (Cont'd)

NEGERI *State*	PENYAKIT ANJING GILA *Rabies*		*OTHERS VIRAL ENCEPHALITIS*	
	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	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	1	0.04
Perlis	0	0	0	0
Pulau Pinang	0	0	2	0.11
Sabah	0	0	1	0.03
Sarawak	6	0.21	0	0
Selangor	0	0	0	0
Terengganu	0	0	1	0.08
W.P. Kuala Lumpur[1]	0	0	1	0.06
W.P. Labuan	0	0	0	0
MALAYSIA	**6**	**0.02**	**6**	**0.02**

Nota/*Note*:
* Kadar Kejadian bagi setiap 100,000 Penduduk / *Incidence Rate per 100,000 population*
[1] Termasuk W.P. Putrajaya / *[1]Includes W.P. Putrajaya*
-Tiada kejadian kes dilaporkan bagi *Avian Influenza*, Penyakit Ebola, Nipah, MERS-CoV dan *Relapsing Fever* pada tahun 2019
-No incidence of cases were reported for Avian Influenza, Ebola, Nipah, MERS-CoV and Relapsing Fever in 2019

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.2 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE CIRCULATORY SYSTEM*

Table 3.2 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	240	0.74
Chronic rheumatic heart diseases	I05-I09	921	2.83
HYPERTENSIVE DISEASE	**I10-I15**		
Essential (primary) hypertension	I10	18,690	57.36
Hypertensive heart disease	I11	623	1.91
Hypertensive renal disease	I12	241	0.74
Hypertensive heart and renal disease	I13	145	0.45
Secondary hypertension	I15	327	1.00
ISCHAEMIC HEART DISEASE	**I20-I25**		
Angina pectoris	I20	35,300	108.34
Acute myocardial infarction	I21	28,309	86.89
Remainder of ischaemic heart disease	Remainder of I20-I25	24,077	73.90
DISEASES OF PULMONARY CIRCULATION & OTHER FORMS OF HEART DISEASES	**I26-I52**		
Pulmonary embolism	I26	1,086	3.33
Acute pericarditis	I30	117	0.36
Acute and subacute endocarditis	I33	559	1.72
Acute myocarditis	I40	40	0.12
Cardiac arrest	I46	534	1.64
Conduction disorders and cardiac arrhythmias	I44-I45, I47-I49	13,382	41.07
Heart Failure	I50	28,631	87.88
Remainder of diseases of pulmonary circulation and other forms of heart diseases	Remainder of I26-I52	4,603	14.13

JADUAL 3.2 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE CIRCULATORY SYSTEM* (SAMB.)

Table 3.2 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	955	2.93
Intracerebral haemorrhage	I61	5,672	17.41
Cerebral infarction	I63	15,433	47.37
Stroke, not specified as haemorrhage or infarction	I64	14,945	45.87
Remainder of cerebro-vascular disease	Remainder of I60-I69	5,704	17.51
DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES	**I70-I99**		
Atherosclerosis	I70	79	0.24
Aortic aneurysm and dissection	I71	1,059	3.25
Other aneurysm	I72	548	1.68
Arterial embolism and thrombosis	I74	193	0.59
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	1,574	4.83
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	1,857	5.70
Varicose veins of lower extremities	I83	320	0.98
Haemorrhoids	I84	2,312	7.10
Oesophageal varices	I85	1,268	3.89
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	4,063	12.47
JUMLAH / Total	**I00-I99**	**213,807**	**656.22**

PUNCA : 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, 2019: *NEOPLASMS*
Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	7,168	22.00
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS	**C15-C26**		
Malignant neoplasm of oesophagus	C15	1,019	3.13
Malignant neoplasm of stomach	C16	2,283	7.01
Malignant neoplasm of colon	C18	8,222	25.24
Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal	C19-C21	9,198	28.23
Malignant neoplasm of liver and intrahepatic bile ducts	C22	2,920	8.96
Malignant neoplasm of pancreas	C25	1,463	4.49
Remainder of malignant neoplasm of digestive organs	Remainder of C15-C26	1,061	3.26
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	**C30-C39**		
Malignant neoplasm of larynx	C32	806	2.47
Malignant neoplasm of trachea, bronchus & lung	C33-C34	7,297	22.40
Remainder of malignant neoplasm of respiratory and intrathoracic organs	Remainder of C30-C39	932	2.86

JADUAL 3.3 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *NEOPLASMS* (SAMB.)

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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 BONE, CONNECTIVE TISSUE, SKIN AND BREAST	**C40-C50**		
Malignant of neoplasm of bone and articular cartilage	C40-C41	1,362	4.18
Melanoma and other malignant neoplasm of skin	C43-C44	1,057	3.24
Malignant neoplasm of mesothelial and soft tissue	C45-C49	2,020	6.20
Malignant neoplasm of breast	C50	11,139	34.19
MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT	**C51-C68**		
Malignant neoplasm of cervix uteri	C53	4,727	14.51
Malignant neoplasm of other and unspecified part of uterus	C54-C55	4,093	12.56
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	5,597	17.18
Malignant neoplasm of prostate	C61	1,439	4.42
Malignant neoplasm of bladder	C67	1,486	4.56
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	2,593	7.96
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	2,321	7.12

JADUAL 3.3 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *NEOPLASMS* (SAMB.)

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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 THYROID AND OTHER ENDOCRINE GLANDS	**C73-C75**		
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	2,515	7.72
MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES	**C76-C80**		
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	6,332	19.43
MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE	**C81-C96**		
Hodgkin's disease	C81	1,579	4.85
Non-Hodgkin's disease	C82-C85	5,658	17.37
Leukaemia	C91-C95	7,351	22.56
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	1,693	5.20
MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES	**C97**		
Malignant neoplasm of independent (primary) multiple sites	C97	10	0.03
IN SITU NEOPLASMS	**D00-D09**		
In situ neoplasms	D00-D09	1,400	4.30

JADUAL 3.3 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *NEOPLASMS* (SAMB.)

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS *(Diseases of Neoplasms)*	KOD ICD - 10 *ICD - 10 Code*	BILANGAN DISCAJ *No. of Discharges*	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) *Discharge Rate (Per 100,000 Population)*
BENIGN NEOPLASMS	**D10-D36**		
Benign neoplasms of skin	D22-D23	255	0.78
Benign neoplasms of breast	D24	964	2.96
Leiomyoma of uterus	D25	3,277	10.06
Remainder of benign neoplasms	Remainder of D10-D36	6,474	19.87
NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR	**D37-D48**		
Neoplasm of uncertain or unknown behaviour	D37-D48	6,137	18.84
JUMLAH / Total	**C00-D48**	**123,848**	**380.12**

PUNCA : 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, 2019: *ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES*

Table 3.4 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	40	0.12
Thyrotoxicosis (hyperthyroidism)	E05	2,608	8.00
Hypoparathyroidism	E20	28	0.09
Diabetes mellitus	E10-E14	27,570	84.62
Kwashiokor	E40	13	0.04
Other malnutrition conditions	E41-E46	205	0.63
Other nutritional deficiencies	E50-E64	155	0.48
Obesity	E66	604	1.85
Remainder of obesity and other hyperalimentation	E65, E67-E68	10	0.03
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	48,483	148.81
JUMLAH / Total	**E00-E90**	**79,716**	**244.67**

PUNCA : 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, 2019:
DISEASES OF THE RESPIRATORY SYSTEM

Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	183	0.56
Acute sinusitis	J01	227	0.70
Acute pharyngitis	J02	11,479	35.23
Acute tonsillitis	J03	14,607	44.83
Acute laryngitis and tracheitis	J04	165	0.51
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	38,014	116.67
INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS	**J09-J22**		
Influenza	J09-J11	1,783	5.47
Viral pneumonia, not elsewhere classified	J12	13,835	42.46
Other pneumonia	J13-J18	130,285	399.88
Acute bronchitis	J20	589	1.81
Acute bronchiolitis	J21	25,654	78.74
Unspecified acute lower respiratory infections	J22	614	1.88
OTHER DISEASES OF UPPER RESPIRATORY TRACT	**J30-J39**		
Chronic sinusitis	J32	483	1.48
Chronic diseases of tonsils and adenoids	J35	1,576	4.84
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	4,375	13.43

JADUAL 3.5 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE RESPIRATORY SYSTEM* (SAMB.)

Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	117	0.36
Emphysema	J43	164	0.50
Other chronic obstructive pulmonary disease	J44	33,764	103.63
Asthma	J45-J46	44,155	135.52
Bronchiectasis	J47	3,151	9.67
Other chronic lower respiratory tract diseases	J41-J42	40	0.12
LUNG DISEASES DUE TO EXTERNAL AGENTS	**J60-J70**		
Pneumoconiosis	J60-J65	50	0.15
Other lung diseases due to external agents	J66-J70	4,960	15.22
OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM	**J80-J84**		
Pulmonary oedema	J81	7,376	22.64
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	759	2.33
SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	**J85-J86**		
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	1,445	4.44

JADUAL 3.5 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE RESPIRATORY SYSTEM* (SAMB.)

Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	3,792	11.64
Pneumothorax	J93	1,389	4.26
Remainder of other diseases of pleura	Remainder of J90-J94	766	2.35
OTHER DISEASES OF THE RESPIRATORY SYSTEM	**J95-J99**		
Respiratory failure, not elsewhere classified	J96	510	1.57
Remainder of other diseases of the respiratory system	Remainder of J95-J99	3,272	10.04
JUMLAH / *Total*	**J00-J99**	**349,579**	**1,072.94**

PUNCA : 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, 2019: *DISEASES OF THE DIGESTIVE SYSTEM*

Table 3.6 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	2,706	8.31
Gingivitis and periodontal diseases	K05	227	0.70
Stomatitis and related lesions	K12	1,415	4.34
Remainder of diseases of Oral Cavity, Salivary Glands and Jaws	Remainder of K00-K14	4,238	13.01
DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM	**K20-K31**		
Diseases of oesophagus	K20-K22	3,558	10.92
Gastric ulcer	K25	2,022	6.21
Doudenal ulcer	K26	981	3.01
Peptic ulcer, site unspecified	K27	2,026	6.22
Gastrojejunal ulcer	K28	147	0.45
Gastritis and duodenitis	K29	7,624	23.40
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	3,370	10.34
DISEASES OF APPENDIX	**K35-K38**		
Acute appendicitis	K35	18,723	57.47
Other appendicitis	K36	272	0.83
Unspecified appendicitis	K37	553	1.70
Other diseases of the appendix	K38	634	1.95
HERNIA	**K40-K46**		
Inguinal hernia	K40	8,457	25.96
Other hernias	K41-K46	2,227	6.84

JADUAL 3.6 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE DIGESTIVE SYSTEM* (SAMB.)

Table 3.6 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	589	1.81
Other noninfective gastroenteritis and colitis	K52	4,260	13.07
Paralytic ileus and intestinal obstruction without hernia	K56	4,865	14.93
Diverticular diseases of intestine	K57	1,980	6.08
Fissure and fistula of anal and rectal regions	K60	1,144	3.51
Abscess of anal and rectal regions	K61	2,451	7.52
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	7,197	22.09
Peritonitis	K65	1,542	4.73
Other disorders of peritoneum	K66-K67	1,286	3.95
OTHER DISEASES OF THE DIGESTIVE SYSTEM	**K70-K93**		
Alcoholic liver disease	K70	399	1.22
Hepatic failure, not elsewhere classified	K72	1,277	3.92
Chronic hepatitis, not elsewhere classified	K73	43	0.13
Fibrosis and cirrhosis of liver	K74	2,227	6.84
Cholelithiasis	K80	8,425	25.86
Cholecystitis	K81	3,176	9.75
Acute pancreatitis	K85	2,777	8.52
Remainder of other diseases of the digestive system	Remainder of K70-K93	17,611	54.05
JUMLAH / *Total*	**K00-K93**	**120,429**	**369.63**

PUNCA : 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, 2019: *DISEASES OF THE GENITOURINARY SYSTEM*

Table 3.7 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	2,426	7.45
Chronic nephritic syndrome	N03	54	0.17
Nephritic syndrome	N04	3,878	11.90
Remainder of glomerular diseases	Remainder of N00-N08	559	1.72
RENAL TUBULO-INTERSTITIAL DISEASES	**N10-N16**		
Renal tubulo-interstitial diseases	N10-N16	6,318	19.39
RENAL FAILURE	**N17-N19**		
Acute renal failure	N17	5,983	18.36
Chronic renal failure	N18	28,686	88.04
Unspecified renal failure	N19	910	2.79
OTHER DISEASES OF THE URINARY SYSTEM	**N20-N39**		
Calculus of kidney, ureter and lower urinary tract	N20-N22	6,423	19.71
Unspecified renal colic	N23	1,218	3.74
Other disorders of kidney and ureter	N25-N29	1,230	3.78
Cystitis	N30	557	1.71
Urethritis and urethral syndrome	N34	64	0.20
Urethral stricture	N35	592	1.82
Remainder of other diseases of the urinary system	Remainder of N20-N39	19,249	59.08

JADUAL 3.7 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE GENITOURINARY SYSTEM* (SAMB.)

Table 3.7 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	1,473	4.52
Hydrocele and spermatocele	N43	834	2.56
Orchitis and epididymitis	N45	1,771	5.44
Male infertility	N46	32	0.10
Redundant prepuce, phimosis and paraphimosis	N47	792	2.43
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	2,409	7.39
DISORDERS OF BREAST	**N60-N64**		
Disorders of breast	N60-N64	3,413	10.48
DISORDERS OF FEMALE GENITAL ORGANS	**N70-N99**		
Salpingitis and oophoritis	N70	618	1.90
Inflammatory disease of uterus, except cervix	N71	429	1.32
Inflammatory disease of cervix uteri	N72	19	0.06
Other inflammatory diseases of female pelvic organs	N73-N77	2,322	7.13
Endometriosis	N80	2,353	7.22
Female genital prolapse	N81	714	2.19
Erosion and ectropian of cervix uteri	N86	76	0.23
Disorders of menstruation	N91-N92	2,993	9.19
Menopausal and other perimenopausal disorders	N95	720	2.21
Female infertility	N97	485	1.49
Remainder of disorders of female genital organs	Remainder of N70-N99	9,184	28.19
JUMLAH / Total	**N00-N99**	**108,784**	**333.88**

PUNCA : 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, 2019: *CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD*

Table 3.8 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	6,751	20.72
DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH	**P05-P08**		
Slow fetal growth and fetal malnutrition	P05	2,267	6.96
Disorders related to short gestation and low birth weight, not elsewhere classified	P07	14,135	43.38
Disorders related to long gestation and high birth weight	P08	1,701	5.22
BIRTH TRAUMA	**P10-P15**		
Birth trauma	P10-P15	1,988	6.10
RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD	**P20-P29**		
Intrauterine hypoxia and birth asphyxia	P20-P21	2,354	7.22
Respiratory distress of newborn	P22	18,120	55.61
Neonatal aspiration syndrome	P24	4,630	14.21
Remainder of respiratory and cardiovascular disorders specific to the perinatal period	Remainder of P20-P29	11,488	35.26

JADUAL 3.8 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD* (SAMB.)

Table 3.8 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	25,342	77.78
HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN	**P50-P61**		
Haemolytic disease of fetus and newborn	P55	4,355	13.37
Neonatal jaundice	P58-P59	125,334	384.68
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	1,658	5.09
OTHER DISORDERS OF FETUS AND NEWBORN	**P70-P96**		
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	22,638	69.48
Digestive system disorders of fetus and newborn	P75-P78	903	2.77
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	1,511	4.64
Convulsion of newborn	P90	119	0.37
Feeding problems of newborn	P92	1,434	4.40
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	2,483	7.62
JUMLAH / *Total*	**P00-P96**	**249,211**	**764.89**

PUNCA : 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, 2019: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY*

Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	628	1.93
Pedal cyclist injured in transport accident	V10-V19	850	2.61
Motorcycle Pedestrian injured in transport accident	V20-V29	15,444	47.40
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	69	0.21
Car occupant injured in transport accident	V40-V49	1,857	5.70
Occupant of pick-up truck or van injured in transport accident	V50-V59	210	0.64
Occupant of heavy transport vehicle injured in transport accident	V60-V69	267	0.82
Bus occupant injured in transport accident	V70-V79	41	0.13
Other land transport accidents	V80-V89	23,895	73.34
Water transport accidents	V90-V94	33	0.10
Air and space transport accidents	V95-V97	3	0.01
Other and unspecified transport accidents	V98-V99	58	0.18
OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY	**W00-X59**		
Falls	W00-W19	19,448	59.69
Exposure to inanimate mechanical factors	W20-W49	9,172	28.15
Exposure to animate mechanical factors	W50-W64	2,492	7.65
Accidental drowning and submersion	W65-W74	259	0.79
Other accidental threats to breathing	W75-W84	254	0.78

JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY* (SAMB.)

Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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)*
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	398	1.22
Exposure to smoke, fire and flames	X00-X09	2,238	6.87
Contact with heat and hot substances	X10-X19	1,494	4.59
Contact with venomous animals and plants	X20-X29	5,063	15.54
Exposure to forces of nature	X30-X39	109	0.33
Accidental poisoning by and exposure to noxious substances	X40-X49	5,085	15.61
Overexertion, travel and privation	X50-X57	173	0.53
Accidental exposure to other and unspecified factors	X58-X59	62,572	192.05
INTENTIONAL SELF-HARM	**X60-X84**		
Intentional self-harm	X60-X84	1,221	3.75
ASSAULT	**X85-Y09**		
Assault	X85-Y09	4,611	14.15
EVENT OF UNDETERMINED INTENT	**Y10-Y34**		
Event of undetermined intent	Y10-Y34	3,150	9.67
LEGAL INTERVENTION AND OPERATIONS OF WAR	**Y35-Y36**		
Legal intervention and operations of war	Y35-Y36	7	0.02
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	**Y40-Y84**		
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40-Y59	4,318	13.25

JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY* (SAMB.)

Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2019: 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)*
Misadventures to patients during surgical and medical care	Y60-Y69	221	0.68
Medival devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82	861	2.64
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	18,670	57.30
SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY	**Y85-Y89**		
Sequelae of External Causes of Morbidity and Mortality	Y85-Y89	365	1.12
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	95	0.29
JUMLAH / Total	**V00-Y98**	**185,631**	**569.75**

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

JADUAL 3.10 : KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2014 - 2019
Table 3.10 : Incidence Rate of Motor Vehicle Accidents, Malaysia, 2014 - 2019

PERKARA *Subject*	2014	2015	2016	2017	2018	2019
1. Bilangan Kecederaan Yang Disebabkan Oleh Kemalangan Kenderaan Bermotor *Number of Casualities Due to Motor Vehicle Accidents*	19,704	18,258	19,073	16,589	14,625	15,044
2. Bilangan Kemalangan Kenderaan Bermotor *Number of Motor Vehicle Accidents*	476,196	489,606	521,466	533,875	548,598	567,516
3. Anggaran Penduduk[1] ('000) *Estimated Population[1] ('000)*	30,709	31,186	36,661	32,050	32,385	32,680
4. Kadar Kejadian Kemalangan Kereta Bermotor bagi Tiap-tiap 10,000 Penduduk[2] *Incidence Rate of Motor Vehicle Accidents per 10,000 population[2]*	155	157	165	167	169	174

Nota/*Note*:
[1]2014-2018 : Anggaran Penduduk Semasa (Muktamad) / *Currrent Population Estimates (Final)*
2019: Anggaran Penduduk Semasa (Anggaran) / *Currrent Population Estimates (Estimated)*
[2]Statistik dikemaskini berdasarkan anggaran penduduk semasa bagi tahun yang berkenaan
The statistics were update based on the population estimated and the respective years

PUNCA : POLIS DIRAJA MALAYSIA
Source : Royal Malaysia Police

JADUAL 3.11 : KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2019

Table 3.11 : Incidence Rate of Industrial Accidents, Malaysia, 2019

1. Bilangan Kecederaan Yang Disebabkan Oleh Kemalangan Perusahaan *Number of Casualities Due to Industrial Accidents*	77,668
2. Bilangan Pekerja Aktif Perkeso (`000) *Number of SOCSO`s Active Employees (`000)*	7,200
3. Kadar Kejadian Kemalangan Perusahaan Bagi Setiap 100,000 Tenaga Bekerja *Incidence Rate of Industrial Accidents per 100,000 Workforce*	1,079

PUNCA : PERTUBUHAN KESELAMATAN SOSIAL MALAYSIA
Source : Social Security Organisation Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT BAWAAN AIR DAN MAKANAN

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Food and Water Borne Diseases

NEGERI *State*	KOLERA *Cholera*		KERACUNAN MAKANAN *Food Poisoning*		TIFOID DAN *PARATYPHI* *Typhoid and Paratyphi*	
	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	1	0.03	0	0
Kedah	0	0	0	0	0	0
Kelantan	0	0	0	0	1	0.05
Melaka	0	0	0	0	0	0
Negeri Sembilan	0	0	0	0	0	0
Pahang	0	0	0	0	0	0
Perak	0	0	5	0.20	1	0.04
Perlis	0	0	0	0	0	0
Pulau Pinang	0	0	0	0	0	0
Sabah	2	0.05	4	0.10	2	0.05
Sarawak	0	0	0	0	0	0
Selangor	0	0	0	0	3	0.05
Terengganu	0	0	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	**2**	**0.01**	**10**	**0.03**	**7**	**0.02**

Nota/*Notes:*
*Kadar Kematian bagi setiap 100,000 penduduk/ *Mortality Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya/ *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT BAWAAN AIR DAN MAKANAN (SAMB.)

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Food and Water Borne Diseases (Cont'd)

NEGERI *State*	*HEPATITIS A*	
	BIL. KEMATIAN *No. of Deaths*	KADAR KEMATIAN* *Mortality Rate**
Johor	1	0.03
Kedah	0	0
Kelantan	0	0
Melaka	0	0
Negeri Sembilan	0	0
Pahang	0	0
Perak	0	0
Perlis	0	0
Pulau Pinang	0	0
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	**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 Disenteri pada tahun 2019
No deaths were reported for Dysentry in 2019

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division,Ministry of Health Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT BAWAAN VEKTOR

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Vector Borne Diseases

NEGERI *State*	DEMAM DENGGI BERDARAH *Dengue Haemorrhagic Fever*		*JAPANESE ENCEPHALITIS*		MALARIA *Malaria*		TIFUS *Thypus*	
	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**	BIL. KEMATIAN *No. of Deaths*	KADAR KEMATIAN* *Mortality Rate**
Johor	30	0.80	0	0	0	0	0	0
Kedah	6	0.28	0	0	0	0	0	0
Kelantan	8	0.42	0	0	0	0	0	0
Melaka	7	0.75	0	0	0	0	0	0
Negeri Sembilan	11	0.97	1	0.09	1	0.09	0	0
Pahang	8	0.48	0	0	0	0	0	0
Perak	4	0.16	1	0.04	0	0	0	0
Perlis	0	0	0	0	0	0	0	0
Pulau Pinang	9	0.51	0	0	0	0	0	0
Sabah	25	0.64	0	0	2	0.05	1	0.03
Sarawak	5	0.18	2	0.07	3	0.11	0	0
Selangor	56	0.86	0	0	0	0	0	0
Terengganu	3	0.24	0	0	0	0	0	0
W.P. Kuala Lumpur[1]	10	0.56	0	0	0	0	0	0
W.P. Labuan	0	0	0	0	0	0	0	0
MALAYSIA	**182**	**0.56**	**4**	**0.01**	**6**	**0.02**	**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 Chikungunya, Demam Denggi, Plague, Demam Kuning, Zika Virus Infections dan Filariasis pada tahun 2019
No deaths were reported for Chikungunya, Dengue, Plague, Yellow Fever, Zika Virus Infections and Filariasis in 2019

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT CEGAHAN VAKSIN

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Vaccine Preventable Diseases

NEGERI *State*	*DIPHTHERIA*		*HEPATITIS B*		CAMPAK *Measles*	
	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	1	0.03	4	0.11	0	0
Kedah	0	0	3	0.14	0	0
Kelantan	1	0.05	2	0.11	11	0.58
Melaka	1	0.11	1	0.11	0	0
Negeri Sembilan	0	0	6	0.53	0	0
Pahang	0	0	11	0.66	0	0
Perak	0	0	1	0.04	0	0
Perlis	0	0	3	1.18	0	0
Pulau Pinang	0	0	1	0.06	0	0
Sabah	1	0.03	21	0.54	2	0.05
Sarawak	0	0	12	0.43	0	0
Selangor	2	0.03	36	0.55	0	0
Terengganu	0	0	9	0.72	2	0.16
W.P. Kuala Lumpur[1]	0	0	1	0.06	0	0
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	**6**	**0.02**	**111**	**0.34**	**15**	**0.05**

Nota/*Note*:
*Kadar Kematian bagi setiap 100,000 penduduk/ *Mortality Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya/ *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT CEGAHAN VAKSIN (SAMB.)

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Vaccine Preventable Diseases (Cont'd)

NEGERI *State*	LAIN-LAIN TETANUS *Others Tetanus*		*NEONATAL 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	1	0.05
Kelantan	0	0	0	0	0	0
Melaka	0	0	0	0	0	0
Negeri Sembilan	0	0	0	0	0	0
Pahang	0	0	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	2	0.05	1	0.03	14	0.36
Sarawak	0	0	0	0	2	0.07
Selangor	2	0.03	0	0	3	0.05
Terengganu	0	0	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	**4**	**0.01**	**1**	**0.00**	**20**	**0.06**

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 Poliomelitis Akut pada tahun 2019
- No deaths were reported for Acute Poliomyelitis in 2019

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: PENYAKIT TRANSMISI SECARA SEKSUAL

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Sexually Transmitted Diseases

NEGERI *State*	SIFILIS *Syphilis*	
	BIL. KEMATIAN *No. of Deaths*	KADAR KEMATIAN* *Mortality Rate**
Johor	0	0
Kedah	0	0
Kelantan	0	0
Melaka	1	0.11
Negeri Sembilan	0	0
Pahang	0	0
Perak	0	0
Perlis	0	0
Pulau Pinang	0	0
Sabah	1	0.03
Sarawak	1	0.04
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 Chancroid dan Gonorrhoea tahun 2019
- No deaths were reported for Chancroid and Gonorrhoea in 2019

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: LAIN-LAIN PENYAKIT BERJANGKIT

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Other Infectious Diseases

NEGERI *State*	*AIDS*		*HEPATITIS C*		*HIV*	
	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	51	1.35	0	0	25	0.66
Kedah	30	1.38	8	0.37	27	1.24
Kelantan	120	6.36	3	0.16	10	0.53
Melaka	48	5.16	0	0	1	0.11
Negeri Sembilan	37	3.27	9	0.80	1	0.09
Pahang	71	4.24	14	0.84	12	0.72
Perak	53	2.11	6	0.24	12	0.48
Perlis	4	1.57	4	1.57	0	0
Pulau Pinang	38	2.14	8	0.45	21	1.18
Sabah	63	1.61	1	0.03	3	0.08
Sarawak	51	1.81	6	0.21	5	0.18
Selangor	165	2.53	50	0.77	2	0.03
Terengganu	57	4.58	5	0.40	22	1.77
W.P. Kuala Lumpur[1]	40	2.25	6	0.34	17	0.95
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	**828**	**2.54**	**120**	**0.37**	**158**	**0.48**

Nota/*Notes:*
*Kadar Kematian bagi setiap 100,000 Penduduk/ *Mortality Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya/ *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Other Infectious Diseases (Cont'd)

NEGERI *State*	*LEPTOSPIROSIS*		TIBI *Tuberculosis*	
	BIL. KEMATIAN *No. of Deaths*	KADAR KEMATIAN* *Mortality Rate**	BIL. KEMATIAN *No. of Deaths*	KADAR KEMATIAN* *Mortality Rate**
Johor	3	0.08	91	2.42
Kedah	3	0.14	75	3.44
Kelantan	1	0.05	33	1.75
Melaka	0	0	22	2.36
Negeri Sembilan	3	0.27	26	2.30
Pahang	1	0.06	20	1.19
Perak	2	0.08	67	2.67
Perlis	2	0.79	6	2.36
Pulau Pinang	2	0.11	88	4.96
Sabah	0	0	243	6.23
Sarawak	10	0.36	111	3.95
Selangor	1	0.02	279	4.27
Terengganu	3	0.24	19	1.53
W.P. Kuala Lumpur[1]	1	0.06	121	6.80
W.P. Labuan	0	0	1	1.01
MALAYSIA	**32**	**0.10**	**1,202**	**3.69**

Nota/*Notes:*
*Kadar Kematian bagi setiap 100,000 Penduduk/ *Mortality Rate per 100,000 population*
[1]Termasuk W.P. Putrajaya/ *Includes W.P. Putrajaya*

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2019: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2019: Other Infectious Diseases (Cont'd)

NEGERI *State*	VIRAL ENSEFALITIS *Viral Encephalitis*		PENYAKIT ANJING GILA *Rabies*		*OTHERS VIRAL ENCEPHALITIS*	
	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	1	0.09	0	0	0	0
Pahang	0	0	0	0	0	0
Perak	1	0.04	0	0	0	0
Perlis	0	0	0	0	0	0
Pulau Pinang	1	0.06	0	0	1	0.06
Sabah	1	0.03	0	0	0	0
Sarawak	0	0	6	0.21	0	0
Selangor	0	0	0	0	0	0
Terengganu	0	0	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	**4**	**0.01**	**6**	**0.02**	**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, Penyakit Tangan, Kaki, dan Mulut, Kusta, Demam Berulang, Other Specified Viral Hepatitis, Avian Influenza, Nipah dan MERS-Cov pada tahun 2019
- No deaths were reported for Ebola, Hand, Foot and Mouth Disease, Leprosy, Relapsing Fever, Other Specified Viral Hepatitis, Avian Influenza, Nipah and MERS-CoV in 2019

PUNCA : BAHAGIAN KAWALAN PENYAKIT, KEMENTERIAN KESIHATAN MALAYSIA
Source : Disease Control Division, Ministry of Health Malaysia

JADUAL 3.13 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE CIRCULATORY SYSTEM*

Table 3.13 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	1	0.00
Chronic rheumatic heart diseases	I05-I09	88	0.27
HYPERTENSIVE DISEASE	**I10-I15**		
Essential (primary) hypertension	I10	1,803	5.53
Hypertensive heart disease	I11	27	0.08
Hypertensive renal disease	I12	22	0.07
Hypertensive heart and renal disease	I13	29	0.09
Secondary hypertension	I15	16	0.05
ISCHAEMIC HEART DISEASE	**I20-I25**		
Angina pectoris	I20	64	0.20
Acute myocardial infarction	I21	1,642	5.04
Remainder of ischaemic heart disease	Remainder of I20-I25	2,135	6.55
DISEASES OF PULMONARY CIRCULATION & OTHER FORMS OF HEART DISEASES	**I26-I52**		
Pulmonary embolism	I26	231	0.71
Acute pericarditis	I30	3	0.01
Acute and subacute endocarditis	I33	77	0.24
Acute myocarditis	I40	5	0.02
Cardiac arrest	I46	387	1.19
Conduction disorders and cardiac arrhythmias	I44-I45, I47-I49	540	1.66
Heart Failure	I50	1,078	3.31
Remainder of diseases of pulmonary circulation and other forms of heart diseases	Remainder of I26-I52	454	1.39

JADUAL 3.13 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE CIRCULATORY SYSTEM (SAMB.)*

Table 3.13 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	163	0.50
Intracerebral haemorrhage	I61	917	2.81
Cerebral infarction	I63	1,060	3.25
Stroke, not specified as haemorrhage or infarction	I64	967	2.97
Remainder of cerebro-vascular disease	Remainder of I60-I69	637	1.96
DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES	**I70-I99**		
Atherosclerosis	I70	5	0.02
Aortic aneurysm and dissection	I71	117	0.36
Other aneurysm	I72	38	0.12
Arterial embolism and thrombosis	I74	17	0.05
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	53	0.16
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	72	0.22
Varicose veins of lower extremities	I83	7	0.02
Haemorrhoids	I84	7	0.02
Oesophageal varices	I85	69	0.21
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	67	0.21
JUMLAH / *Total*	**I00 - I99**	**12,798**	**39.28**

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

JADUAL 3.14 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *NEOPLASMS*

Table 3.14 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	255	0.78
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS	**C15-C26**		
Malignant neoplasm of oesophagus	C15	77	0.24
Malignant neoplasm of stomach	C16	157	0.48
Malignant neoplasm of colon	C18	312	0.96
Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal	C19-C21	280	0.86
Malignant neoplasm of liver and intrahepatic bile ducts	C22	451	1.38
Malignant neoplasm of pancreas	C25	197	0.60
Remainder of malignant neoplasm of digestive organs	Remainder of C15-C26	69	0.21
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	**C30-C39**		
Malignant neoplasm of larynx	C32	29	0.09
Malignant neoplasm of trachea, bronchus & lung	C33-C34	948	2.91
Remainder of malignant neoplasm of respiratory and intrathoracic organs	Remainder of C30-C39	40	0.12
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST	**C40-C50**		
Malignant of neoplasm of bone and articular cartilage	C40-C41	32	0.10
Melanoma and other malignant neoplasm of skin	C43-C44	50	0.15

JADUAL 3.14 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *NEOPLASMS* (SAMB.)

Table 3.14 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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 mesothelial and soft tissue	C45-C49	87	0.27
Malignant neoplasm of breast	C50	673	2.07
MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT	**C51-C68**		
Malignant neoplasm of cervix uteri	C53	168	0.52
Malignant neoplasm of other and unspecified part of uterus	C54-C55	102	0.31
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	159	0.49
Malignant neoplasm of prostate	C61	119	0.37
Malignant neoplasm of bladder	C67	65	0.20
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	128	0.39
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	117	0.36
MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS	**C73-C75**		
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	81	0.25
MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES	**C76-C80**		
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	1,319	4.05

JADUAL 3.14 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *NEOPLASMS* (SAMB.)

Table 3.14 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	27	0.08
Non-Hodgkin's disease	C82-C85	249	0.76
Leukaemia	C91-C95	371	1.14
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	94	0.29
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	53	0.16
BENIGN NEOPLASMS	**D10-D36**		
Benign neoplasms of skin	D22-D23	0	0
Benign neoplasms of breast	D24	1	0.00
Leiomyoma of uterus	D25	4	0.01
Remainder of benign neoplasms	Remainder of D10-D36	86	0.26
NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR	**D37-D48**		
Neoplasm of uncertain or unknown behaviour	D37-D48	209	0.64
JUMLAH / *Total*	**C00 - D48**	**7,010**	**21.52**

PUNCA : 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, 2019: *ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES*

Table 3.15 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	48	0.15
Hypoparathyroidism	E20	1	0.00
Diabetes mellitus	E10-E14	1,953	5.99
Kwashiokor	E40	1	0.00
Other malnutrition conditions	E41-E46	10	0.03
Other nutritional deficiencies	E50-E64	4	0.01
Obesity	E66	7	0.02
Remainder of obesity and other hyperalimentation	E65, E67-E68	0	0
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	1,094	3.36
JUMLAH / *Total*	**E00-E90**	**3,118**	**9.57**

PUNCA : 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, 2019 :
DISEASES OF THE RESPIRATORY SYSTEM

Table 3.16 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	1	0.00
Acute pharyngitis	J02	1	0.00
Acute tonsillitis	J03	2	0.01
Acute laryngitis and tracheitis	J04	2	0.01
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	25	0.08
INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS	**J09-J22**		
Influenza	J09-J11	20	0.06
Viral pneumonia, not elsewhere classified	J12	48	0.15
Other pneumonia	J13-J18	8,325	25.55
Acute bronchitis	J20	1	0.00
Acute bronchiolitis	J21	1	0.00
Unspecified acute lower respiratory infections	J22	3	0.01
OTHER DISEASES OF UPPER RESPIRATORY TRACT	**J30-J39**		
Chronic sinusitis	J32	1	0.00
Chronic diseases of tonsils and adenoids	J35	1	0.00
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	28	0.09

JADUAL 3.16 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019:
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)

Table 3.16 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	0	0
Emphysema	J43	10	0.03
Other chronic obstructive pulmonary disease	J44	742	2.28
Asthma	J45-J46	91	0.28
Bronchiectasis	J47	128	0.39
Other chronic lower respiratory tract diseases	J41-J42	0	0
LUNG DISEASES DUE TO EXTERNAL AGENTS	**J60-J70**		
Pneumoconiosis	J60-J65	4	0.01
Other lung diseases due to external agents	J66-J70	1,533	4.71
OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM	**J80-J84**		
Pulmonary oedema	J81	168	0.52
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	163	0.50
SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	**J85-J86**		
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	91	0.28

JADUAL 3.16 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE RESPIRATORY SYSTEM* (SAMB.)

Table 3.16 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	210	0.64
Pneumothorax	J93	47	0.14
Remainder of other diseases of pleura	Remainder of J90-J94	19	0.06
OTHER DISEASES OF THE RESPIRATORY SYSTEM	**J95-J99**		
Respiratory failure, not elsewhere classified	J96	256	0.79
Remainder of other diseases of the respiratory system	Remainder of J95-J99	198	0.61
JUMLAH / *Total*	**J00-J99**	**12,119**	**37.20**

PUNCA : 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, 2019: DISEASES OF THE DIGESTIVE SYSTEM

Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	1	0.00
Gingivitis and periodontal diseases	K05	0	0
Stomatitis and related lesions	K12	2	0.01
Remainder of diseases of Oral Cavity, Salivary Glands and Jaws	Remainder of K00-K14	6	0.02
DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM	**K20-K31**		
Diseases of oesophagus	K20-K22	16	0.05
Gastric ulcer	K25	101	0.31
Doudenal ulcer	K26	58	0.18
Peptic ulcer, site unspecified	K27	61	0.19
Gastrojejunal ulcer	K28	7	0.02
Gastritis and duodenitis	K29	11	0.03
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	14	0.04

JADUAL 3.17 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *DISEASES OF THE DIGESTIVE SYSTEM (SAMB.)*

Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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 APPENDIX	**K35-K38**		
Acute appendicitis	K35	16	0.05
Other appendicitis	K36	0	0
Unspecified appendicitis	K37	1	0.00
Other diseases of the appendix	K38	2	0.01
HERNIA	**K40-K46**		
Inguinal hernia	K40	16	0.05
Other hernias	K41-K46	17	0.05
DISEASES OF INTESTINES AND PERITONEUM	**K50-K67**		
Crohn's disease and ulcerative colitis	K50-K51	3	0.01
Other noninfective gastroenteritis and colitis	K52	10	0.03
Paralytic ileus and intestinal obstruction without hernia	K56	92	0.28
Diverticular diseases of intestine	K57	38	0.12
Fissure and fistula of anal and rectal regions	K60	3	0.01
Abscess of anal and rectal regions	K61	14	0.04
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	188	0.58
Peritonitis	K65	207	0.64
Other disorders of peritoneum	K66-K67	14	0.04

JADUAL 3.17 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019:
DISEASES OF THE DIGESTIVE SYSTEM (SAMB.)

Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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)*
OTHER DISEASES OF THE DIGESTIVE SYSTEM	**K70-K93**		
Alcoholic liver disease	K70	47	0.14
Hepatic failure, not elsewhere classified	K72	290	0.89
Chronic hepatitis, not elsewhere classified	K73	1	0.00
Fibrosis and cirrhosis of liver	K74	321	0.99
Cholelithiasis	K80	23	0.07
Cholecystitis	K81	26	0.08
Acute pancreatitis	K85	58	0.18
Remainder of other diseases of the digestive system	Remainder of K70-K93	1,068	3.28
JUMLAH / *Total*	**K00-K93**	**2,732**	**8.39**

PUNCA : 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, 2019: *DISEASES OF THE GENITOURINARY SYSTEM*

Table 3.18 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	127	0.39
Chronic nephritic syndrome	N03	1	0.00
Nephritic syndrome	N04	13	0.04
Remainder of glomerular diseases	Remainder of N00-N08	1	0.00
RENAL TUBULO-INTERSTITIAL DISEASES	**N10-N16**		
Renal tubulo-interstitial diseases	N10-N16	92	0.28
RENAL FAILURE	**N17-N19**		
Acute renal failure	N17	901	2.77
Chronic renal failure	N18	1,378	4.23
Unspecified renal failure	N19	62	0.19
OTHER DISEASES OF THE URINARY SYSTEM	**N20-N39**		
Calculus of kidney, ureter and lower urinary tract	N20-N22	22	0.07
Unspecified renal colic	N23	0	0
Other disorders of kidney and ureter	N25-N29	8	0.02
Cystitis	N30	2	0.01
Urethritis and urethral syndrome	N34	0	0
Urethral stricture	N35	3	0.01
Remainder of other diseases of the urinary system	Remainder of N20-N39	702	2.15
DISEASES OF MALE GENITAL ORGANS	**N40-N51**		
Hyperplasia of prostate	N40	20	0.06
Hydrocele and spermatocele	N43	0	0

JADUAL 3.18 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019:
DISEASES OF THE GENITOURINARY SYSTEM (SAMB.)

Table 3.18 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019:
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)*
Orchitis and epididymitis	N45	3	0.01
Male infertility	N46	0	0
Redundant prepuce, phimosis and paraphimosis	N47	0	0
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	30	0.09
DISORDERS OF BREAST	**N60-N64**		
Disorders of breast	N60-N64	5	0.02
DISORDERS OF FEMALE GENITAL ORGANS	**N70-N99**		
Salpingitis and oophoritis	N70	5	0.02
Inflammatory disease of uterus, except cervix	N71	1	0
Inflammatory disease of cervix uteri	N72	0	0
Other inflammatory diseases of female pelvic organs	N73-N77	6	0.02
Endometriosis	N80	0	0
Female genital prolapse	N81	3	0.01
Erosion and ectropian of cervix uteri	N86	0	0
Disorders of menstruation	N91-N92	0	0
Menopausal and other perimenopausal disorders	N95	0	0
Female infertility	N97	0	0
Remainder of disorders of female genital organs	Remainder of N70-N99	12	0.04
JUMLAH / *Total*	**N00-N99**	**3,397**	**10.43**

PUNCA : 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, 2019: *CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD*

Table 3.19 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: Certain Conditions Originating in the Perinatal Period

DETAILED CAUSE GROUPS *(Certain Conditions Originating 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	27	0.08
DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH	**P05-P08**		
Slow fetal growth and fetal malnutrition	P05	8	0.02
Disorders related to short gestation and low birth weight, not elsewhere classified	P07	471	1.45
Disorders related to long gestation and high birth weight	P08	2	0.01
BIRTH TRAUMA	**P10-P15**		
Birth trauma	P10-P15	7	0.02
RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD	**P20-P29**		
Intrauterine hypoxia and birth asphyxia	P20-P21	21	0.06
Respiratory distress of newborn	P22	47	0.14
Neonatal aspiration syndrome	P24	60	0.18
Remainder of respiratory and cardiovascular disorders specific to the perinatal period	Remainder of P20-P29	214	0.66
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	**P35-P39**		
Infections specific to the perinatal period	P35-P39	165	0.51

JADUAL 3.19 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD* (SAMB.)

Table 3.19 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: Certain Conditions Originating in the Perinatal Period (Cont'd)

DETAILED CAUSE GROUPS *(Certain Conditions Originating 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	77	0.24
OTHER DISORDERS OF FETUS AND NEWBORN	**P70-P96**		
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	13	0.04
Digestive system disorders of fetus and newborn	P75-P78	26	0.08
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	16	0.05
Convulsion of newborn	P90	0	0
Feeding problems of newborn	P92	0	0
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	108	0.33
JUMLAH / *Total*	**P00-P96**	**1,266**	**3.89**

PUNCA : 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, 2019: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY*

Table 3.20 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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	0	0
Pedal cyclist injured in transport accident	V10-V19	0	0
Motorcycle Pedestrian injured in transport accident	V20-V29	8	0.02
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	0	0
Car occupant injured in transport accident	V40-V49	2	0.01
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	11	0.03
Water transport accidents	V90-V94	0	0
Air and space transport accidents	V95-V97	1	0.00
Other and unspecified transport accidents	V98-V99	0	0
OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY	**W00-X59**		
Falls	W00-W19	7	0.02
Exposure to inanimate mechanical factors	W20-W49	1	0.00
Exposure to animate mechanical factors	W50-W64	1	0.00
Accidental drowning and submersion	W65-W74	1	0.00
Other accidental threats to breathing	W75-W84	0	0

JADUAL 3.20 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY* (SAMB.)

Table 3.20 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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)*
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	1	0.00
Exposure to smoke, fire and flames	X00-X09	1	0.00
Contact with heat and hot substances	X10-X19	0	0
Contact with venomous animals and plants	X20-X29	1	0.00
Exposure to forces of nature	X30-X39	0	0
Accidental poisoning by and exposure to noxious substances	X40-X49	8	0.02
Overexertion, travel and privation	X50-X57	0	0
Accidental exposure to other and unspecified factors	X58-X59	54	0.17
INTENTIONAL SELF-HARM	**X60-X84**		
Intentional self-harm	X60-X84	2	0.01
ASSAULT	**X85-Y09**		
Assault	X85-Y09	0	0
EVENT OF UNDETERMINED INTENT	**Y10-Y34**		
Event of undetermined intent	Y10-Y34	3	0.01
LEGAL INTERVENTION AND OPERATIONS OF WAR	**Y35-Y36**		
Legal intervention and operations of war	Y35-Y36	0	0

JADUAL 3.20 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY* (SAMB.)

Table 3.20 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2019: 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)*
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	**Y40-Y84**		
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40-Y59	3	0.01
Misadventures to patients during surgical and medical care	Y60-Y69	2	0.01
Medival devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82	1	0.00
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	46	0.14
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**	**154**	**0.47**

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

JADUAL 3.21 : BILANGAN DAN PERATUS MURID SEKOLAH RENDAH DAN MENENGAH YANG *ORALLY FIT* MENGIKUT NEGERI, MALAYSIA, 2019

Table 3.21 : Number and Percentage of Orally Fit Primary and Secondary School Children By state, Malaysia, 2019

NEGERI *State*	MURID SEKOLAH RENDAH *Primary School Children*				MURID SEKOLAH MENENGAH *Secondary School Children*			
	ENROLMEN *Enrolment*	KEDATANGAN BARU *New Attendances*	MURID YANG TIDAK PERLU RAWATAN PERGIGIAN *Children Who Do Not Require Dental Treatment*		ENROLMEN *Enrolment*	KEDATANGAN BARU *New Attendances*	MURID YANG TIDAK PERLU RAWATAN PERGIGIAN *Children Who Do Not Require Dental Treatment*	
			BILANGAN *Number*	%			BILANGAN *Number*	%
Johor	328,875	327,047	257,815	78.83	240,268	236,904	183,000	77.25
Kedah	189,704	189,561	134,656	71.04	139,309	138,387	105,613	76.32
Kelantan	172,714	172,315	54,261	31.49	138,620	135,572	72,867	53.75
Melaka	82,319	82,268	38,694	47.03	60,700	60,502	34,114	56.38
Negeri Sembilan	103,145	102,648	71,819	69.97	79,785	79,046	58,684	74.24
Pahang	147,210	146,784	76,042	51.81	106,439	106,041	60,679	57.22
Perak	204,822	204,401	150,523	73.64	162,282	161,773	123,558	76.38
Perlis	23,961	23,899	14,370	60.13	19,091	19,051	12,137	63.71
Pulau Pinang	130,211	129,978	82,290	99.82	97,342	96,871	74,956	77.38
Sabah	272,733	270,486	144,291	53.35	182,238	172,404	83,866	48.65
Sarawak	243,106	238,271	135,807	57.00	182,874	160,995	98,253	61.03
Selangor	531,440	525,869	338,720	64.41	349,400	339,397	254,339	74.94
Terengganu	134,167	133,628	83,233	62.29	95,035	93,925	57,996	61.75
W.P. Kuala Lumpur	131,608	131,371	92,062	70.08	82,952	81,725	67,881	83.06
W.P. Labuan	9,148	9,118	3,961	43.44	5,641	5,626	3,869	68.77
W.P. Putrajaya	18,856	18,850	12,233	64.90	8,416	8,389	6,082	72.50
MALAYSIA	**2,724,019**	**2,706,494**	**1,690,777**	**62.47**	**1,950,392**	**1,896,608**	**1,297,894**	**68.43**

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

JADUAL 3.22 : STATUS KARIES GIGI: BILANGAN MURID 12 TAHUN DENGAN M+X=0 MENGIKUT NEGERI, MALAYSIA, 2019
Table 3.22 : Dental Caries Status: Number of 12 Years Old School Children With M+X=0 by States, Malaysia, 2019

NEGERI *State*	MURID SEKOLAH 12 TAHUN *12 Years Old School Children*		
	KEDATANGAN BARU 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	53,004	52,165	98.42
Kedah	30,838	30,003	97.29
Kelantan	27,939	26,892	96.25
Melaka	12,846	12,749	99.24
Negeri Sembilan	16,655	16,476	98.93
Pahang	22,715	22,111	97.34
Perak	32,976	32,618	98.91
Perlis	3,772	3,690	97.83
Pulau Pinang	21,023	20,716	98.54
Sabah	41,717	38,838	93.10
Sarawak	39,150	37,911	96.84
Selangor	82,574	81,142	98.27
Terengganu	20,389	19,558	95.92
W.P. Kuala Lumpur	20,160	19,961	99.01
W.P. Labuan	1,261	1,219	96.67
W.P. Putrajaya	2,325	2,307	99.23
MALAYSIA	**429,344**	**418,356**	**97.44**

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

JADUAL 3.23 : STATUS KARIES GIGI: BILANGAN MURID 12 TAHUN DAN 16 TAHUN BEBAS KARIES (DMFX=0) MENGIKUT NEGERI, MALAYSIA, 2019

Table 3.23 : Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX=0) by State, Malaysia, 2019

NEGERI *State*	MURID SEKOLAH 12 TAHUN *12 Years Old School Children*			MURID SEKOLAH 16 TAHUN *16 Years Old School Children*		
	KEDATANGAN BARU *New Attendances*	12 TAHUN BEBAS KARIES DMFX=0 *12 Years Old Carries Free With DMFX=0*		KEDATANGAN BARU *New Attendances*	16 TAHUN BEBAS KARIES DMFX=0 *16 Years Old Carries Free With DMFX=0*	
		BILANGAN *Number*	%		BILANGAN *Number*	%
Johor	53,004	43,435	81.95	45,179	30,731	68.02
Kedah	30,838	23,976	77.75	26,511	17,823	67.23
Kelantan	27,939	14,186	50.77	25,798	8,186	31.73
Melaka	12,846	9,966	77.58	11,746	6,881	58.58
Negeri Sembilan	16,655	13,818	82.97	15,100	10,336	68.45
Pahang	22,715	13,649	60.09	20,360	9,260	45.48
Perak	32,976	26,113	79.19	30,788	20,287	65.89
Perlis	3,772	2,787	73.89	3,785	2,059	54.40
Pulau Pinang	21,023	16,611	79.01	18,968	11,744	61.91
Sabah	41,717	16,770	40.20	31,696	7,736	24.41
Sarawak	39,150	23,545	60.14	31,700	13,856	43.71
Selangor	82,574	69,519	84.19	63,438	47,180	74.37
Terengganu	20,389	11,984	58.78	17,878	6,216	34.77
W.P. Kuala Lumpur	20,160	17,488	86.75	15,565	11,790	75.75
W.P. Labuan	1,261	707	56.07	1,021	508	49.76
W.P. Putrajaya	2,325	1,872	80.52	1,412	871	61.69
MALAYSIA	**429,344**	**306,426**	**71.37**	**360,945**	**205,464**	**56.92**

PUNCA : 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 2019

Table 4.1 : Distribution of Hospitals and Officials beds Strength in Public Sector by State, Malaysia as at 31 December 2019

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	4,068	1	1,132	12	5,200	0	0	12	5,200
Kedah	9	2,711	0	0	9	2,711	0	0	9	2,711
Kelantan	9	1,958	0	0	9	1,958	1	829	10	2,787
Melaka	3	1,285	0	0	3	1,285	1	144	4	1,429
Negeri Sembilan	6	1,862	0	0	6	1,862	1	36	7	1,898
Pahang	11	2,316	0	0	11	2,316	1	265	12	2,581
Perak	14	3,595	1	1,800	15	5,395	1	147	16	5,542
Perlis	1	508	0	0	1	508	0	0	1	508
Pulau Pinang	6	2,113	0	0	6	2,113	0	0	6	2,113
Sabah	22	3,922	2	914	24	4,836	1	40	25	4,876
Sarawak	22	3,740	1	343	23	4,083	0	0	23	4,083
Selangor	12	5,739	1	80	13	5,819	1	88	14	5,907
Terengganu	6	1,698	0	0	6	1,698	0	0	6	1,698
W.P. Kuala Lumpur	1	2,125	2	284	3	2,409	3	2,503	6	4,912
W.P. Labuan	1	122	0	0	1	122	0	0	1	122
W.P. Putrajaya	1	369	1	252	2	621	0	0	2	621
MALAYSIA	**135**	**38,131**	**9**	**4,805**	**144**	**42,936**	**10**	**4,052**	**154**	**46,988**

PUNCA : 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 2019

Table 4.2 : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2019

NEGERI *State*	BILANGAN KLINIK KESIHATAN *Number of Health Clinic*			JUMLAH KLINIK KESIHATAN *Total Health Clinics*	NISBAH KLINIK KESIHATAN: PENDUDUK *Health Clinic: Population Ratio*	KLINIK KESIHATAN BERGERAK (PASUKAN) *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	96	261	3	360	1:10,456	21	0	0
Kedah	61	217	6	284	1:7,678	4	0	0
Kelantan	94	166	0	260	1:7,253	14	0	0
Melaka	32	59	0	91	1:10,227	1	0	0
Negeri Sembilan	50	96	0	146	1:7,742	8	0	0
Pahang	86	238	4	328	1:5,105	20	0	0
Perak	88	231	10	329	1:7,636	17	1	1
Perlis	10	30	0	40	1:6,360	0	0	0
Pulau Pinang	33	56	6	95	1:18,680	0	0	0
Sabah	110	166	22	298	1:13,099	36	1	1
Sarawak	215	5	24	244	1:11,528	95	3	9
Selangor	80	112	4	196	1:33,308	13	0	0
Terengganu	51	124	1	176	1:7,078	1	0	0
W.P. Kuala Lumpur	15	0	7	22	1:80,941	0	0	0
W.P. Labuan	2	10	0	12	1:8,275	0	0	0
W.P. Putrajaya	4	0	0	4	1:25,950	0	0	0
MALAYSIA	**1,027**	**1,771**	**87**	**2,885**	**1:11,293**	**230**	**5**	**11**

PUNCA : 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 2019 (SAMB.)

Table 4.2 : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2019 (Cont'd)

NEGERI *State*	[a]KLINIK KOMUNITI[1] *[a]Community Clinics[1]*	[a]KLINIK BERGERAK KOMUNITI *[a]Community Mobile Clinics*			
		BAS *Bus*	PASUKAN *Team*	BOT *Boat*	PASUKAN *Team*
Johor	34	1	2	0	0
Kedah	20	0	0	0	0
Kelantan	10	0	0	0	0
Melaka	18	0	0	0	0
Negeri Sembilan	16	0	0	0	0
Pahang	14	2	4	0	0
Perak	22	1	2	0	0
Perlis	1	0	0	0	0
Pulau Pinang	10	0	0	0	0
Sabah	32	1	1	2	4
Sarawak	29	1	1	2	4
Selangor	40	1	1	0	0
Terengganu	14	0	0	0	0
W.P. Kuala Lumpur	25	0	0	0	0
W.P. Labuan	1	0	0	0	0
W.P. Putrajaya	0	0	0	0	0
MALAYSIA	**286**	**7**	**11**	**4**	**8**

Nota/*Note:*
[a]Dahulu dikenali Klinik 1Malaysia (sebelum tahun 2019)
[a]Formerly known Klinik 1Malaysia (before year 2019)
[1]Termasuk Pusat Transformasi Bandar (UTC) dan Pusat Transformasi Luar Bandar (RTC)
[1]Includes Urban Transformation Centre (UTC) and Rural Transformation Centre(RTC)

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

JADUAL 4.3 : BILANGAN FASILITI PERGIGIAN DAN NISBAH FASILITI PERGIGIAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.3 : Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2019

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	292	299	1:12,590	4	7	32	0
Kedah	4	199	203	1:10,742	3	12	31	0
Kelantan	6	224	230	1:8,199	3	10	48	0
Melaka	3	99	102	1:9,125	1	4	18	0
Negeri Sembilan	7	137	144	1:7,849	1	3	30	1
Pahang	2	233	235	1:7,126	2	9	32	0
Perak	5	250	255	1:9,851	3	9	26	3
Perlis	0	56	56	1:4,543	1	4	4	0
Pulau Pinang	1	143	144	1:12,324	3	14	31	0
Sabah	8	190	198	1:19,714	2	17	48	0
Sarawak	5	250	255	1:11,031	4	24	67	0
Selangor	4	210	214	1:30,507	3	9	47	0
Terengganu	4	138	142	1:8,773	2	8	30	0
W.P. Kuala Lumpur	5	116	121	1:14,717	2	6	6	0
W.P. Labuan	0	8	8	1:12,413	0	1	2	0
W.P. Putrajaya	0	15	15	1:6,920	0	0	2	0
MALAYSIA	**61**	**2,560**	**2,621**	**1:12,431**	**34**	**137**	**454**	**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 (1Malaysia) dan Klinik Pergigian Komuniti Bergerak (1Malaysia)

[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, (1Malaysia) Community Dental Clinics and (1Malaysia) Community Mobile Dental Clinics.

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.3 : BILANGAN FASILITI PERGIGIAN DAN NISBAH FASILITI PERGIGIAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2019 (SAMB.)

Table 4.3 : Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2019 (cont'd)

NEGERI *State*	KLINIK PERGIGIAN KOMUNITI[a] *Community Dental Clinic[a]*			KLINIK PERGIGIAN BERGERAK KOMUNITI[a] *Community a Mobile Dental Clinics*	
	KLINIK PERGIGIAN DI KLINIK KOMUNITI[a] *Dental Clinic In Community Clinic[a]*	KLINIK PERGIGIAN DI UTC *Dental Clinics In UTC*	KLINIK PERGIGIAN DI RTC *Dental Clinics In RTC*	KLINIK PERGIGIAN KOMUNITI[a] BERGERAK (BAS) *Community a Mobile Dental Clinic (Bus)*	KLINIK PERGIGIAN KOMUNITI[a] BERGERAK (BOT) *Community a Mobile Dental Clinic (Boat)*
Johor	0	2	0	0	0
Kedah	0	2	1	0	0
Kelantan	0	1	0	0	0
Melaka	0	1	1	0	0
Negeri Sembilan	0	1	0	0	0
Pahang	0	1	1	1	0
Perak	0	1	0	0	0
Perlis	0	1	0	0	0
Pulau Pinang	0	0	0	0	0
Sabah	0	3	0	0	1
Sarawak	0	3	2	0	0
Selangor	0	1	0	0	0
Terengganu	0	1	0	0	0
W.P. Kuala Lumpur	0	2	0	0	0
W.P. Labuan	0	1	0	0	0
W.P. Putrajaya	0	0	0	0	0
MALAYSIA	**0**	**21**	**5**	**1**	**1**

Nota/*Note:*

[a]Dahulu dikenali Klinik 1Malaysia (sebelum tahun 2019)
[a]Formerly known Klinik 1Malaysia (before year 2019)

PUNCA : 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 2019

Table 4.4 : Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2019

NEGERI *State*	FASILITI BERLESEN / *Licensed Health Fasilities*						HOSPIS SWASTA *Private Hospice*		PUSAT JAGAAN AMBULATORI SWASTA *Private Ambulatory Care Centre*	
	HOSPITAL SWASTA *Private Hospital*		RUMAH BERSALIN SWASTA *Private Maternity Home*		RUMAH JAGAAN KEJURURAWATAN SWASTA *Private Nursing Home*					
	BIL/*No*	KATIL/ *Beds*	BIL/*No*	KATIL/ *Beds*	BIL/*No*	KATIL/ *Beds*	BIL/*No*	KATIL/ *Beds*	BIL/*No*	KATIL/ *Beds*
Johor	27	1,587	1	1	5	232	1	12	19	24
Kedah	9	615	0	0	1	22	0	0	1	2
Kelantan	4	186	2	4	0	0	0	0	0	0
Melaka	4	921	0	0	1	16	0	0	3	2
Negeri Sembilan	8	597	1	2	0	0	0	0	1	2
Pahang	5	753	2	3	1	14	0	0	0	0
Perak	17	1,109	0	0	1	9	0	0	10	8
Perlis	1	37	0	0	0	0	0	0	0	0
Pulau Pinang	18	2,183	0	0	1	8	1	11	10	20
Sabah	6	275	1	1	0	0	0	0	9	5
Sarawak	14	550	0	0	5	209	0	0	6	4
Selangor	55	4,595	7	26	1	8	0	0	38	78
Terengganu	2	57	2	10	0	0	0	0	0	0
W.P. Kuala Lumpur[1]	38	3,004	2	5	5	257	1	6	31	58
W.P. Labuan	0	0	0	0	0	0	0	0	0	0
MALAYSIA	**208**	**16,469**	**18**	**52**	**21**	**775**	**3**	**29**	**128**	**203**

Nota/*Note:*

[1]Termasuk W.P. Putrajaya

[1]Includes W.P. Putrajaya

PUNCA : 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 2019 (SAMB.)

Table 4.4 : Distribution of Licensed Health Facilities in Private sector by State, Malaysia as at 31 December 2019 (Cont'd)

NEGERI *State*	*FASILITI BERLESEN Licensed Health Fasilities*								*FASILITI BERDAFTAR Registered Health Fasilities*	
	BANK DARAH SWASTA *Private Blood Bank*		PUSAT HEMODIALISIS SWASTA *Private Haemodialysis Centre*		PUSAT KESIHATAN MENTAL MASYARAKAT SWASTA *Private Community Mental Health Centre*		PERKHIDMATAN GABUNGAN[2] *Combined Facilities*[2]		KLINIK PERUBATAN SWASTA *Private Medical Clinic*	KLINIK PERGIGIAN SWASTA *Private Dental Clinic*
	BIL. *No.*	BANK *Tank*	BIL. *No.*	KERUSI *Chairs*	BIL. *No.*	KATIL *Beds*	BIL. *No.*	KATIL/ KERUSI *Bed/Chairs*	BIL. *No.*	BIL. *No.*
Johor	0	0	79	1,222	0	0	0	0	997	279
Kedah	0	0	45	489	0	0	0	0	395	88
Kelantan	0	0	17	182	0	0	0	0	225	64
Melaka	0	0	25	333	0	0	0	0	304	59
Negeri Sembilan	0	0	29	252	0	0	0	0	303	79
Pahang	0	0	27	296	0	0	0	0	257	68
Perak	0	0	51	669	0	0	0	0	648	141
Perlis	0	0	4	52	0	0	0	0	38	8
Pulau Pinang	0	0	39	511	0	0	0	0	565	182
Sabah	0	0	15	197	0	0	0	0	396	129
Sarawak	0	0	12	233	0	0	0	0	341	99
Selangor	3	13	113	1,201	0	0	0	0	2,163	816
Terengganu	0	0	17	165	0	0	0	0	179	52
W.P. Kuala Lumpur[1]	2	15	38	498	1	0	2	21/26	1,164	439
W.P. Labuan	0	0	0	0	0	0	0	0	13	4
MALAYSIA	**5**	**28**	**511**	**6,300**	**1**	**0**	**2**	**21/26**	**7,988**	**2,507**

Nota/*Note:*
[1]Termasuk W.P. Putrajaya/ *[1]Includes W.P. Putrajaya*
[2]Pusat Jagaan Ambulatori dan Hemodialisis Swasta
[2]Private Ambulatory Care and Haemodialysis Centre

PUNCA : BAHAGIAN AMALAN PERUBATAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Medical Practice Division, Ministry of HealthMalaysia

JADUAL 4.5 : 10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019
Table 4.5 : 10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia, 2019

NO. *Rank*	SEBAB UTAMA *Principal Causes*	BILANGAN DISCAJ *Number of Discharges*	% KEPADA JUMLAH DISCAJ[1] *% to Total Discharges[1]*
1	*Pregnancy, childbirth and the puerperium*	552,137	20.94
2	*Diseases of the respiratory system*	349,579	13.26
3	*Certain conditions originating in the perinatal period*	249,211	9.45
4	*Certain infectious and parasitic diseases*	229,544	8.71
5	*Diseases of the circulatory system*	213,807	8.11
6	*Injury, poisoning and certain other consequences of external causes*	185,818	7.05
7	*Neoplasms*	123,848	4.70
8	*Diseases of the digestive system*	120,429	4.57
9	*Diseases of the genitourinary system*	108,784	4.13
10	*Factors influencing health status and contact with health services*	80,200	3.04
	Total	**2,213,357**	**83.96**

Nota/*Note:*
Berdasarkan 3 Digit Code Grouping ICD - 10
Based on actual 3 Digit Code Grouping ICD - 10
[1]Peratus kepada jumlah discaj dikira berdasarkan diagnosis sebab utama yang mempunyai kod ICD - 10
[1]Percentage of total discharges is derived from principal causes of discharges with valid ICD - 10 Codes

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

JADUAL 4.6 : 10 SEBAB UTAMA KEMATIAN[1] DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2019[p]

Table 4.6 : 10 Principal Causes of Death[1] in Ministry of Health Hospitals, Malaysia, 2019[p]

No. *Rank*	SEBAB UTAMA *Principal Causes*	BILANGAN DISCAJ *Number of Discharges*	% KEPADA JUMLAH DISCAJ[2] *% to Total Discharges[2]*
1	*Diseases of the circulatory system*	12,853	**22.27**
2	*Diseases of the respiratory system*	12,215	**21.17**
3	*Certain infectious and parasitic diseases*	7,193	**12.47**
4	*Neoplasms*	7,031	12.18
5	*Diseases of the genitourinary system*	3,423	**5.93**
6	*Indocrine, nutritional and metabolic diseases*	3,129	5.42
7	*Diseases of the digestive system*	2,756	**4.78**
8	*External causes of morbidity and mortality*	2,526	4.38
9	*Certain conditions originating in the perinatal period*	1,277	**2.21**
10	*Diseases of the nervous system*	1,192	**2.07**
	Total	**53,595**	**92.88**

Nota/***Note:***
Berdasarkan 3 Digit Code Grouping ICD - 10
Based on actual 3 Digit Code Grouping ICD - 10

[1]Berdasarkan punca kematian/ *Based on underlying causes of death*
[2]Peratus kepada jumlah kematian dikira berdasarkan diagnosis punca kematian yang mempunyai kod ICD - 10
[2]Percentage of total deaths is derived from underlying causes of death with valid ICD - 10 Codes
[p]Permulaan/ *Preliminary*

PUNCA : 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, 2019
Table 4.7 : 10 Principal Causes of Hospitalisation in Private Hospitals, Malaysia, 2019

NO. *Rank*	SEBAB UTAMA *Principal Causes*	BILANGAN DISCAJ *Number of Discharges*	% KEPADA JUMLAH DISCAJ[1] *% to Total Discharges[1]*
1	*Diseases of the respiratory system*	206,434	18.55
2	*Certain infectious and parasitic diseases*	158,874	14.28
3	*Diseases of the digestive system*	110,189	9.90
4	*Diseases of the circulatory system*	82,822	7.44
5	*Injury, poisoning and certain other consequences of external causes*	82,553	7.42
6	*Pregnancy, childbirth and the puerperium*	76,626	6.89
7	*Diseases of the genitourinary system*	73,640	6.62
8	*Diseases of the musculoskeletal system and connective tissue*	72,773	6.54
9	*Neoplasms*	49,364	4.44
10	*Factors influencing health status and contact with health services*	39,888	3.58
	Total	**953,163**	**85.66**

Nota/*Note:*
Berdasarkan 3 Digit Code Grouping ICD-10
Based on actual 3 Digit Code Grouping ICD -10

[1]Peratus kepada jumlah discaj dikira berdasarkan diagnosis sebab utama yang mempunyai kod ICD - 10
[1]Percentage of total discharges is derived from principal causes of discharges with valid ICD 10 - Codes

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

JADUAL 4.8 : 10 SEBAB UTAMA KEMATIAN[1] DI HOSPITAL SWASTA, MALAYSIA, 2019
Table 4.8 : 10 Principal Causes of Death[1] in Private Hospitals, Malaysia, 2019

NO. *Rank*	SEBAB UTAMA *Principal Causes*	BILANGAN DISCAJ *Number of Discharges*	% KEPADA JUMLAH DISCAJ[2] *% to Total Discharges[2]*
1	*Neoplasms*	1,166	31.19
2	*Diseases of the circulatory system*	845	22.61
3	*Diseases of the respiratory system*	582	15.57
4	*Certain infectious and parasitic diseases*	483	12.92
5	*Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified*	141	3.77
6	*Diseases of the digestive system*	138	3.69
7	*Diseases of the genitourinary system*	133	3.56
8	*Endocrine, nutritional and metabolic diseases*	52	1.39
9	*Injury, poisoning and certain other consequences of external causes*	41	1.10
10	*Diseases of the nervous system*	38	1.02
	Total	**3,619**	**96.82**

Nota/*Note:*
Berdasarkan 3 Digit Code Grouping ICD-10
Based on actual 3 Digit Code Grouping ICD -10

[1]Berdasarkan diagnosis punca utama kematian
[1]Based on immediate causes of death
[2]Peratus kepada jumlah kematian dikira berdasarkan diagnosis sebab utama kematian yang mempunyai kod ICD - 10
[2]Percentage to total deaths is derived from principal causes of deaths with valid ICD - 10 codes

PUNCA : 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, 2019
Table 4.9 : 10 Principal Causes of Hospitalization in Ministry of Health and Private Hospitals, Malaysia, 2019

NO. *Rank*	SEBAB UTAMA *Principal Causes*	BILANGAN DISCAJ *Number of Discharges*	% KEPADA JUMLAH DISCAJ[1] *% to Total Discharges[1]*
1	*Pregnancy, childbirth and the puerperium*	628,763	16.77
2	*Diseases of the respiratory system*	556,013	14.83
3	*Certain infectious and parasitic diseases*	388,418	10.36
4	*Diseases of the circulatory system*	296,629	7.91
5	*Injury, poisoning and certain other consequences of external causes*	268,371	7.16
6	*Certain conditions originating in the perinatal period*	263,491	7.03
7	*Diseases of the digestive system*	230,618	6.15
8	*Diseases of the genitourinary system*	182,424	4.87
9	*Neoplasms*	173,212	4.62
10	*Factors influencing health status and contact with health services*	120,088	3.20
Total		**3,108,027**	**82.90**

Nota/*Note:*
Berdasarkan 3 Digit Code Grouping ICD-10
Based on actual 3 Digit Code Grouping ICD -10

[1]Peratus kepada jumlah discaj dikira berdasarkan diagnosis sebab utama yang mempunyai kod ICD - 10
[1]Percentage of total discharges is derived from principal causes of discharges with valid ICD 10 - Codes

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

JADUAL 4.10 : KADAR KES KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2015 - 2019
Table 4.10 : Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2015 - 2019

PERKARA *Subject*	2015	2016	2017	2018	2019
Jumlah Kematian Di Hospital KKM *Total Number of Deaths in MoH Hospitals*	52,230	55,697	55,513	62,205	64,395
Jumlah Discaj Di Hospital KKM *Total Number of Discharges in MoH Hospitals*	2,350,675	2,352,815	2,389,128	2,630,709	2,688,906
Kadar Kes Kematian Di Hospital KKM *Case Fatality Rate in MoH Hospitals %*	2.22	2.37	2.32	2.36	2.39

Nota/*Note:*
Berdasarkan jumlah kematian dan discaj yang mempunyai kod ICD - 10
Based on total death and discharges with ICD - 10 codes

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

JADUAL 4.11 : BILANGAN KEMASUKAN MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2019
Table 4.11 : Number of Admissions by Sector and State, Malaysia, 2019

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	360,576	1,786	-	94,223	456,585
Kedah	213,782	-	-	50,658	264,440
Kelantan	157,646	-	44,816	16,577	219,039
Melaka	90,268	-	3,340	70,743	164,351
Negeri Sembilan	132,400	-	110	53,690	186,200
Pahang	162,028	-	9,734	25,016	196,778
Perak	245,109	2,304	3,151	93,561	344,125
Perlis	34,625	-	-	2,668	37,293
Pulau Pinang	138,822	-	-	172,577	311,399
Sabah	220,689	46,231	222	16,585	283,727
Sarawak	215,500	953	-	46,379	262,832
Selangor	354,621	49	3,193	337,118	694,981
Terengganu	149,287	-	-	8,788	158,075
W.P. Kuala Lumpur	103,721	4,603	105,036	181,975	395,335
W.P. Labuan	8,422	-	-	0	8,422
W.P. Putrajaya	32,264	10,771	-	0	43,035
MALAYSIA	**2,619,760**	**66,697**	**169,602**	**1,170,558**	**4,026,617**

Nota/*Note:*
[1]Berdasarkan 98.44% kadar respon / *Based on 98.44% response rate*
[2]Berdasarkan 88.78% kadar respon. Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta
[2]Based on 88.78% response rate. Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice

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

JADUAL 4.12 : BILANGAN KEDATANGAN PERKHIDMATAN PESAKIT LUAR MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2019

Table 4.12 : Number of Outpatient Services Attendances by Sector and State, Malaysia, 2019

NEGERI *State*	SEKTOR AWAM *Public Sector*				SEKTOR SWASTA[3] *Private Sector*[3]	JUMLAH KEMASUKAN *Total Admission*
	KEMENTERIAN KESIHATAN MALAYSIA *Ministry Of Health*			BUKAN KKM *Non MoH*		
	HOSPITAL	INSTITUSI PERUBATAN KHAS[1] *Special Medical Institutions*[1]	FASILITI KESIHATAN AWAM[2] *Public Health Facilities*[2]			
Johor	2,302,083	21,317	5,341,670	-	148,616	7,813,686
Kedah	1,685,041	-	3,474,467	-	75,802	5,235,310
Kelantan	888,175	-	2,824,849	389,094	83,608	4,185,726
Melaka	599,193	-	2,314,659	43,200	180,340	3,137,392
Negeri Sembilan	815,034	-	2,425,676	26,299	84,536	3,351,545
Pahang	1,084,008	-	2,886,198	123,142	38,977	4,132,325
Perak	2,585,699	19,760	4,630,787	50,766	355,945	7,642,957
Perlis	232,621	-	730,011	-	19,938	982,570
Pulau Pinang	1,678,536	-	3,087,940	-	249,956	5,016,432
Sabah	2,344,980	208,571	2,414,228	11,174	167,483	5,146,436
Sarawak	1,898,385	16,216	4,367,841	-	325,521	6,607,963
Selangor	3,395,511	-	6,902,088	90,515	1,254,162	11,642,276
Terengganu	818,679	-	1,694,904	-	37,785	2,551,368
W.P. Kuala Lumpur	864,921	40,033	2,494,081	1,844,798	526,109	5,769,942
W.P. Labuan	84,907	-	160,887	-	0	245,794
W.P. Putrajaya	312,539	52,531	-	-	0	365,070
MALAYSIA	**21,590,312**	**358,428**	**45,750,286**	**2,578,988**	**3,548,778**	**73,826,792**

Nota/*Note:*

[1]Berdasarkan 100% kadar respon / *Based on 100% response rate*

[2]Berdasarkan 88.19% kadar respon / *Based on 88.19% response rate*

[3]Berdasarkan 88.78% kadar respon. Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta.

[3]Based on 88.78% response rate. Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice

PUNCA : 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, 2019

Table 4.13 : Number of Day Care Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2019

NEGERI *State*	RAWATAN HARIAN[1] *Day Care[1]*		
	HOSPITAL	INSTITUSI PERUBATAN KHAS *Special Medical Institutions*	JUMLAH *Total*
Johor	157,247	-	157,247
Kedah	118,829	-	118,829
Kelantan	119,284	-	119,284
Melaka	41,789	-	41,789
Negeri Sembilan	92,060	-	92,060
Pahang	113,613	-	113,613
Perak	140,606	-	140,606
Perlis	13,851	-	13,851
Pulau Pinang	58,190	-	58,190
Sabah	223,177	30,361	253,538
Sarawak	252,125	-	252,125
Selangor	184,268	-	184,268
Terengganu	119,720	-	119,720
W.P. Kuala Lumpur	46,388	26	46,414
W.P. Labuan	15,644	-	15,644
W.P. Putrajaya	10,373	11,334	21,707
MALAYSIA	**1,707,164**	**41,721**	**1,748,885**

Nota/*Note:*
[1]Berdasarkan 95.37% kadar submission / *Based on 95.37% submission rate*

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Health Informatics Centre, Ministry of HealthMalaysia

JADUAL 4.14 : BILANGAN KEDATANGAN PERKHIDMATAN SOKONGAN KLINIKAL DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.14 : Number of Clinical Support Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2019

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	23,969	15,387	10,444	9,126	14,212	8,814	38,749	21,314	167,257	47,310	283,217	52,590
Kedah	12,266	9,096	8,482	3,948	6,670	4,268	24,230	7,372	81,219	26,085	159,687	45,700
Kelantan	6,899	3,247	4,652	2,273	5,258	4,410	15,529	4,229	42,386	16,668	131,597	41,102
Melaka	5,576	5,365	2,668	2,547	2,540	2,265	15,233	14,401	37,062	30,036	98,411	72,832
Negeri Sembilan	7,134	6,503	3,876	2,902	3,612	2,352	21,145	16,825	70,824	19,437	136,447	36,936
Pahang	9,422	7,811	3,424	3,367	5,447	2,698	17,099	13,758	61,217	20,719	193,640	63,285
Perak	17,476	17,427	11,268	9,799	8,321	5,500	28,850	27,768	170,057	43,382	273,615	139,301
Perlis	4,273	4,208	2,753	2,622	2,023	1,343	2,422	585	17,245	13,109	39,400	13,037
Pulau Pinang	10,087	10,022	4,900	4,610	7,744	4,186	17,920	7,721	112,972	53,790	202,870	134,943
Sabah	11,099	6,357	7,827	3,719	12,994	10,394	26,605	20,154	114,427	57,277	313,201	103,375
Sarawak	12,894	6,254	10,810	6,249	21,890	9,840	28,290	25,428	124,123	55,200	265,553	116,585
Selangor	30,687	11,255	18,716	9,128	21,033	9,207	58,499	25,268	127,229	47,649	323,939	44,420
Terengganu	9,290	6,992	3,744	2,335	4,296	1,150	20,925	6,260	45,782	17,929	120,073	19,431
W.P. Kuala Lumpur	9,957	9,412	10,607	5,583	6,720	3,643	27,918	20,600	55,973	27,047	249,603	178,163
W.P. Labuan	0	0	82	47	547	8	1,646	1,655	2,029	1,445	11,470	9,421
W.P. Putrajaya	4,273	1,470	3,528	3,014	2,601	711	17,186	1,299	13,126	2,289	58,127	4,969
MALAYSIA	**175,302**	**120,806**	**107,781**	**71,269**	**125,908**	**70,789**	**362,246**	**214,637**	**1,242,928**	**479,372**	**2,860,850**	**1,076,090**

Nota/*Note:*
[1]Berdasarkan 68.91% kadar penghantaran / *Based on 68.91% submission rate*
[2]Berdasarkan 66.12% kadar penghantaran / *Based on 66.12% submission rate*
[3]Berdasarkan 56.22% kadar penghantaran / *Based on 56.22% submission rate*
[4]Berdasarkan 59.25% kadar penghantaran / *Based on 59.25% submission rate*
[5]Berdasarkan 38.57% kadar penghantaran / *Based on 38.57% submission rate*
[6]Berdasarkan 37.61% kadar penghantaran / *Based on 37.61% submission rate*

PUNCA : 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, 2019

Table 4.15 : Number of Antenatal and Child Services Health Attendances by State, Malaysia, 2019

NEGERI *State*	KEDATANGAN ANTENATAL *Antenatal Attendances*	KEDATANGAN POSTNATAL *Postnatal Attendances*	KEDATANGAN KANAK-KANAK *Child Attendances*
Johor	797,135	74,126	1,042,390
Kedah	397,046	34,127	746,407
Kelantan	438,800	33,672	702,503
Melaka	182,423	14,202	221,082
Negeri Sembilan	270,590	19,246	341,439
Pahang	389,227	26,412	579,145
Perak	474,484	37,414	649,593
Perlis	45,561	4,188	70,184
Pulau Pinang	311,013	27,256	496,589
Sabah	524,814	48,363	853,561
Sarawak	406,171	35,207	668,076
Selangor	1,146,089	88,450	2,932,220
Terengganu	455,095	26,177	735,499
W.P. Kuala Lumpur	269,794	16,161	352,492
W.P. Labuan	22,141	1,681	31,267
W.P. Putrajaya	34,279	1,921	40,861
MALAYSIA	**6,164,662**	**488,603**	**10,463,308**

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

JADUAL 4.16 : LIPUTAN SEKOLAH OLEH PERKHIDMATAN KESIHATAN MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.16 : School Coverage by Health Services by State, Malaysia, 2019

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	972	975	100.31	330	335	101.52
Kedah	582	582	100.00	235	235	100.00
Kelantan	452	452	100.00	248	248	100.00
Melaka	246	246	100.00	82	82	100.00
Negeri Sembilan	375	375	100.00	139	139	100.00
Pahang	566	566	100.00	228	228	100.00
Perak	905	905	100.00	291	291	100.00
Perlis	77	77	100.00	34	34	100.00
Pulau Pinang	290	290	100.00	140	140	100.00
Sabah	1,116	1,116	100.00	241	241	100.00
Sarawak	1,090	1,090	100.00	206	206	100.00
Selangor	791	791	100.00	382	382	100.00
Terengganu	406	406	100.00	153	153	100.00
W.P. Kuala Lumpur	204	204	100.00	105	105	100.00
W.P. Labuan	18	18	100.00	11	11	100.00
W.P. Putrajaya	18	18	100.00	12	12	100.00
MALAYSIA	**8,108**	**8,111**	**100.04**	**2,837**	**2,842**	**100.18**

PUNCA : 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, 2019

Table 4.17 : Number of Dental Health Services Attendances by State, Malaysia, 2019

NEGERI *State*	KEDATANGAN PERKHIDMATAN KESIHATAN PERGIGIAN *Dental Health Sevices Attendances*
Johor	1,612,054
Kedah	898,077
Kelantan	1,088,479
Melaka	580,702
Negeri Sembilan	646,206
Pahang	931,054
Perak	1,235,763
Perlis	172,279
Pulau Pinang	753,884
Sabah	1,237,105
Sarawak	1,071,346
Selangor	2,021,560
Terengganu	817,497
W.P. Kuala Lumpur	673,668
W.P. Labuan	57,960
W.P. Putrajaya	120,638
MALAYSIA	**13,918,272**

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.18 : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2019
Table 4.18 : Index of Health Legislation in Malaysia, Up to 2019

NO. *Rank*	TAJUK *Title*
1	Akta Jururawat 1950 (Disemak 1969) (Akta 14) *Nurses Act 1950 (Revised – 1969) (Act 14)*
2	Akta Perubatan 1971 (Akta 50) *Medical Act 1971 (Act 50)*
3	Akta Pergigian 1971 (Akta 51) *Dental Act 1971 (Act 51)*
4	Akta Tisu Manusia 1974 (Akta 130) *Human Tissues Act 1974 (Act 130)*
5	Akta Permusnahan Serangga Pembawa Penyakit 1975 (Akta 154) *Destruction Of Disease-Bearing Insects Act 1975 (Act 154)*
6	Akta Pembantu Perubatan (Pendaftaran) 1977 (Akta 180) *Medical Assistants (Registration) Act 1977 (Act 180)*
7	Akta Dadah Berbahaya 1952 (Disemak – 1980) (Akta 234) *Dangerous Drugs Act 1952 (Revised – 1980) (Act 234)*
8	Akta Hidrogen Sainaid (Fumigasi) 1953 (Disemak – 1981) (Akta 260) *Hydrogen Cyanide (Fumigation) Act 1953 (Revised – 1981) (Act 260)*
9	Akta Makanan 1983 (Akta 281) *Food Act 1983 (Act 281)*
10	Akta Ubat (Iklan Dan Penjualan) 1956 (Disemak 1983) (Akta 290) *Medicines (Advertisement And Sale) Act 1956 (Revised – 1983) (Act 290)*
11	Akta Pelesenan Tenaga Atom 1984 (Akta 304) *Atomic Energy Licensing Act 1984 (Act 304)*
12	Akta Pencegahan Dan Pengawalan Penyakit Berjangkit 1988 (Akta 342) *Prevention And Control Of Infectious Diseases Act 1988 (Act 342)*

JADUAL 4.18 : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2019 (SAMB.)
Table 4.18 : Index of Health Legislation in Malaysia, Up to 2019 (Cont'd)

NO. *Rank*	TAJUK *Title*
13	Akta Racun 1952 (Disemak – 1989) (Akta 366) *Poisons Act 1952 (Revised – 1989) (Act 366)*
14	Akta Jualan Dadah 1952 (Disemak – 1989) (Akta 368) *Sale Of Drugs Act 1952 (Revised – 1989) (Act 368)*
15	Akta Pendaftaran Ahli Farmasi 1951 (Disemak – 1989) (Akta 371) *Registration Of Pharmacists Act 1951 (Revised – 1989) (Act 371)*
16	Akta Pembantu Hospital Estet (Pendaftaran) 1965 (Disemak – 1990) (Akta 435) *Estate Hospital Assistants (Registration) Act 1965 (Revised – 1990) (Act 435)*
17	Akta Bidan 1966 (Disemak – 1990) (Akta 436) *Midwives Act 1966 (Revised – 1990) (Act 436)*
18	Akta Optik 1991 (Akta 469) *Optical Act 1991 (Act 469)*
19	Akta Teleperubatan 1997 (Akta 564) - Belum Berkuatkuasa *Telemedicine Act 1997 (Act 564) - Not Yet Enforce*
20	Akta Kemudahan Dan Perkhidmatan Jagaan Kesihatan Swasta 1998 (Akta 586) *Private Healthcare Facilities And Services Act 1998 (Act 586)*
21	Akta Kesihatan Mental 2001 (Akta 615) *Mental Health Act 2001 (Act 615)*
22	Akta Lembaga Promosi Kesihatan Malaysia 2006 (Akta 651) *Malaysian Health Promotion Board Act 2006 (Act 651)*
23	Akta Makmal Patologi 2007 (Akta 674) - Belum Berkuatkuasa *Pathology Laboratory Act 2007 (Act 674) - Not Yet Enforce*
24	Akta Juruanalisis Makanan 2011 (Akta 727) *Food Analyst Act 2011 (Act 727)*

JADUAL 4.18 : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2019 (SAMB.)

Table 4.18 : Index of Health Legislation in Malaysia, Up to 2019 (Cont'd)

NO. *Rank*	TAJUK *Title*
25	Akta Peranti Perubatan 2012 (Akta 737) *Medical Device Act 2012 (Act 737)*
26	Akta Pihak Berkuasa Peranti Perubatan 2012 (Akta 738) *Medical Device Authority Act 2012 (Act 738)*
27	Akta Profesion Kesihatan Bersekutu 2016 (Akta 774) *Allied Health Professions Act 2016 (Act 774)*
28	Akta Perubatan Tradisional Dan Komplementari 2016 (Akta 775) *Traditional And Complementary Medicine Act 2016 (Act 775)*
29	Akta Kemudahan Dan Perkhidmatan Jagaan Kesihatan Warga Emas Swasta [Akta 802] - Belum Berkuatkuasa Private Aged Healthcare Facilities And Services Act 2018 (Act 802) - Not Yet Enforce
30	Akta Pergigian 2018 (Akta 804) - Belum Berkuatkuasa *Dental Act 2018 (Act 804) - Not Yet Enforce*

PUNCA : PEJABAT PENASIHAT UNDANG-UNDANG, KEMENTERIAN KESIHATAN MALAYSIA

Source : Legal Advisor Office, Ministry of Health Malaysia

JADUAL 4.19 : BILANGAN DOKTOR MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.19 : Number of Doctors by State, Sector and Ratio of Doctor to Population, Malaysia as at 31 December 2019

NEGERI *State*	SEKTOR AWAM/ *Public Sector*			SEKTOR SWASTA[3] *Private Sector*[3]	JUMLAH *Total*	NISBAH DOKTOR KEPADA PENDUDUK *Doctor to Population Ratio*
	KKM[1] *MoH*[1]	BUKAN KKM[2] *Non MoH*[2]	JUMLAH *Total*			
Johor	4,122	32	4,154	1,734	5,888	1:639
Kedah	2,901	18	2,919	658	3,577	1:610
Kelantan	2,210	553	2,763	327	3,090	1:610
Melaka	1,601	35	1,636	640	2,276	1:409
Negeri Sembilan	2,421	23	2,444	541	2,985	1:379
Pahang	2,419	371	2,790	403	3,193	1:524
Perak	3,539	39	3,578	1,127	4,705	1:534
Perlis	596	3	599	58	657	1:387
Pulau Pinang	2,519	24	2,543	1,260	3,803	1:467
Sabah	4,054	158	4,212	567	4,779	1:817
Sarawak	3,440	127	3,567	559	4,126	1:682
Selangor[4]	7,373	746	8,119	4,512	12,631	1:517
Terengganu	1,898	94	1,992	284	2,276	1:547
W.P. Kuala Lumpur[4]	4,168	1,425	5,593	2,724	8,317	1:214
W.P. Labuan	114	2	116	22	138	1:720
W.P. Putrajaya[4]	5,103	1	5,104	41	5,145	1:20
MALAYSIA	**48,478**	**3,651**	**52,129**	**15,457**	**67,586**	**1:482**

Nota/*Note*:

[1]Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia (termasuk Peg. Perubatan Pakar, Peg. Perubatan & Peg. Perubatan Latihan Siswazah - lantikan tetap & kontrak; dan jawatan kader)

[1]Data from Human Resource Division, Ministry of Health Malaysia (including Specialist, Medical Officer & House Officer - permanent post & contract; and cadre post)

[2]Data dari Kementerian Pendidikan Malaysia dan Kementerian Pertahanan Malaysia, badan berkanun dan pihak berkuasa tempatan

[2]Data from Ministry of Education, Ministry of Defence, statutory bodies & local councils

[3]Data dari Majlis Perubatan Malaysia/ *[3]Data from Malaysian Medical Council*

[4]Pelarasan data KKM antara WP Putrajaya dan WP Kuala Lumpur berbanding tahun 2018 dan perpindahan Institut Kesihatan Negara dari Kuala Lumpur ke Selangor pada tahun 2019

[4]MoH data readjustment between WP Putrajaya and WP Kuala Lumpur as compared to 2018 and relocation of National Institute of Health from Kuala Lumpur to Selangor in 2019

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.20 : BILANGAN DOKTOR GIGI[1] MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR GIGI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.20 : Number of Dentists[1] by State, Sector and Ratio of Dentist to Population, Malaysia as at 31 December 2019

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	646	10	656	444	1,100	1: 3,422
Kedah	427	6	433	112	545	1: 4,001
Kelantan	520	112	632	67	699	1: 2,698
Melaka	317	11	328	103	431	1: 2,159
Negeri Sembilan	411	6	417	107	524	1: 2,157
Pahang	497	54	551	85	636	1: 2,633
Perak	513	8	521	194	715	1: 3,513
Perlis	148	0	148	13	161	1: 1,580
Pulau Pinang	399	22	421	276	697	1: 2,546
Sabah	368	7	375	155	530	1: 7,365
Sarawak	415	6	421	137	558	1: 5,041
Selangor	711	128	839	1,202	2,041	1: 3,199
Terengganu	489	4	493	57	550	1: 2,265
W.P. Kuala Lumpur	345	363	708	744	1,452	1: 1,226
W.P. Labuan	34	1	35	4	39	1: 2,546
W.P. Putrajaya	109	0	109	14	123	1: 844
MALAYSIA	**6,349**	**738**	**7,087**	**3,714**	**10,801**	**1: 3,017**

Nota/*Note*:
[1]Data dari Majlis Pergigian Malaysia
[1]Data from Malaysian Dental Council

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.21 : BILANGAN AHLI FARMASI[1] MENGIKUT NEGERI, SEKTOR DAN NISBAH AHLI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.21 : Number of Pharmacists[1] by State, Sector and Ratio of Pharmacist to Population, Malaysia as at 31 December 2019

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	926	0	926	462	1,388	1:2,712
Kedah	535	0	535	238	773	1:2,821
Kelantan	460	35	495	110	605	1:3,117
Melaka	275	3	278	144	422	1:2,205
Negeri Sembilan	400	0	400	157	557	1:2,029
Pahang	541	28	569	99	668	1:2,507
Perak	853	1	854	329	1,183	1:2,123
Perlis	119	1	120	23	143	1:1,779
Pulau Pinang	679	47	726	460	1,186	1:1,496
Sabah	603	1	604	237	841	1:4,641
Sarawak	658	0	658	343	1,001	1:2,810
Selangor	1,824	30	1,854	1,684	3,538	1:1,845
Terengganu	373	3	376	66	442	1:2,818
W.P. Kuala Lumpur	513	129	642	711	1,353	1:1,316
W.P. Labuan	35	0	35	4	39	1:2,546
W.P. Putrajaya	201	0	201	19	220	1:472
Tiada maklumat / Not available[2]	3,845	n.a.	3,845	734	4,579	n.a.
MALAYSIA	**12,840**	**278**	**13,118**	**5,820**	**18,938**	**1:1,720**

Nota/*Note:*

[1]Data dari Lembaga Farmasi Malaysia. Data tahun 2019 termasuk Sijil Tahunan, Pendaftaran Penuh (baharu) dan Pendaftaran Sementara. Data tahun 2018 dan sebelum merujuk kepada Sijil Tahunan.

[1]Data from Pharmacy Boad Malaysia. Data of 2019 includes Annual Certificate, Fully Registration (new) and Provisional Registration. Data of 2018 and before referred to the Annual Certificate.

[2]Pendaftaran Penuh (baharu) & Pendaftaran Sementara

[2]Fully Registration (new) & Provisionally Registration

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.22 : BILANGAN JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.22 : Number of Nurses by State,Sector and Ratioof Nurse to Population, Malaysia as at 31 December 2019

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	6,755	59	6,814	3,459	10,273	1: 366
Kedah	4,618	22	4,640	1,178	5,818	1: 375
Kelantan	3,467	139	3,606	1,838	5,444	1: 346
Melaka	2,119	145	2,264	1,647	3,911	1: 238
Negeri Sembilan	2,702	34	2,736	1,272	4,008	1: 282
Pahang	3,988	31	4,019	1,440	5,459	1: 307
Perak	5,806	97	5,903	1,933	7,836	1: 321
Perlis	902	12	914	65	979	1: 260
Pulau Pinang	3,555	44	3,599	4,280	7,879	1: 225
Sabah	7,063	129	7,192	1,048	8,240	1: 474
Sarawak	5,688	117	5,805	1,442	7,247	1: 388
Selangor	8,811	389	9,200	9,228	18,428	1: 354
Terengganu	2,834	84	2,918	400	3,318	1: 375
W.P. Kuala Lumpur[3]	5,613	4,648	10,261	6,607	16,868	1: 106
W.P. Labuan	227	5	232	11	243	1: 409
W.P. Putrajaya[3]	1,671	4	1,675	122	1,797	1: 58
MALAYSIA	**65,819**	**5,959**	**71,778**	**35,970**	**107,748**	**1: 302**

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)*

[2]Data dari Lembaga Jururawat Malaysia/Data from Malaysia Nursing Board

[3]Pelarasan data KKM antara WP Putrajaya dan WP Kuala Lumpur berbanding tahun 2018

[3]*MOH data readjustment between WP Putrajaya and WP Kuala Lumpur as compared to 2018*

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.23 : BILANGAN JURURAWAT MASYARAKAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT MASYARAKAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.23 : Number of Community Nurses by State, Sector and Ratio to Population, Malaysia as at 31 December 2019

NEGERI *State*	SEKTOR AWAM / *Public Sector*			SEKTOR SWASTA[2] *Private Sector*[2]	JUMLAH *Total*	NISBAH JURURAWAT MASYARAKAT KEPADA PENDUDUK *Nurse to Population Ratio*
	KKM[1] *MoH*[1]	BUKAN KKM[2] *Non MoH*[2]	JUMLAH *Total*			
Johor	1,906	23	1,929	28	1,957	1:1,924
Kedah	1,665	9	1,674	10	1,684	1:1,295
Kelantan	1,673	9	1,682	19	1,701	1:1,109
Melaka	705	14	719	8	727	1:1,280
Negeri Sembilan	867	15	882	4	886	1:1,276
Pahang	1,678	12	1,690	7	1,697	1:987
Perak	1,976	17	1,993	3	1,996	1:1,259
Perlis	332	1	333	0	333	1:764
Pulau Pinang	941	7	948	40	988	1:1,796
Sabah	3,636	17	3,653	76	3,729	1:1,047
Sarawak	2,575	5	2,580	37	2,617	1:1,075
Selangor	2,445	21	2,466	1	2,467	1:2,646
Terengganu	1,414	9	1,423	31	1,454	1:857
W.P. Kuala Lumpur[3]	700	37	737	18	755	1:2,359
W.P. Labuan	112	2	114	0	114	1:871
W.P. Putrajaya[3]	360	0	360	45	405	1:256
MALAYSIA	**22,985**	**198**	**23,183**	**327**	**23,510**	**1:1,386**

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)

[2]Data dari Lembaga Jururawat Malaysia / Data from Malaysia Nursing Board

[3]Pelarasan data KKM antara WP Putrajaya dan WP Kuala Lumpur berbanding tahun 2018

[3]MoH data readjustment between WP Putrajaya and WP Kuala Lumpur as compared to 2018

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL4.24 : BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table4.24 : Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia as at 31 December 2019

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[2,3] *Non MoH*[2,3]	JUMLAH *Total*			
Johor	1,402	25	1,427	259	1,686	1:2,233
Kedah	976	17	993	269	1,262	1:1,728
Kelantan	846	14	860	561	1,421	1:1,327
Melaka	560	16	576	85	661	1:1,408
Negeri Sembilan	682	11	693	104	797	1:1,418
Pahang	991	26	1,017	208	1,225	1:1,367
Perak	1,432	21	1,453	288	1,741	1:1,443
Perlis	256	5	261	44	305	1:834
Pulau Pinang	797	12	809	72	881	1:2,014
Sabah	1,748	22	1,770	247	2,017	1:1,935
Sarawak	1,834	16	1,850	515	2,365	1:1,189
Selangor	1,733	32	1,765	303	2,068	1:3,157
Terengganu	716	9	725	273	998	1:1,248
W.P. Kuala Lumpur[2]	1,146	6	1,152	279	1,431	1:1,244
W.P. Labuan	82	2	84	6	90	1:1,103
W.P. Putrajaya[2]	251	0	251	9	260	1:399
MALAYSIA	**15,452**	**234**	**15,686**	**3,522**	**19,208**	**1:1,696**

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 and cadre post)

[2]Data dari Lembaga Pembantu Perubatan/ *[2]Data from Medical Assistant Board*

[3]Pelarasan data KKM antara WP Putrajaya dan WP Kuala Lumpur; dan kader berbanding tahun 2018

[3]MoH data readjustment between WP Putrajaya and WP Kuala Lumpur; and cadre post as compared to 2018

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.25 : BILANGAN PENOLONG PEGAWAI FARMASI MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.25 : Number of Assistant Pharmacy Officers by State and Ratio of Assistant Pharmacy Officer to Population, Malaysia as at 31 December 2019

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	435	13	448	162	610	1: 6,171
Kedah	256	7	263	72	335	1: 6,509
Kelantan	264	70	334	25	359	1: 5,253
Melaka	139	10	149	63	212	1: 4,390
Negeri Sembilan	171	4	175	70	245	1: 4,613
Pahang	288	10	298	67	365	1: 4,588
Perak	388	12	400	154	554	1: 4,534
Perlis	46	1	47	0	47	1: 5,413
Pulau Pinang	183	31	214	228	442	1: 4,015
Sabah	535	7	542	19	561	1: 6,958
Sarawak	480	6	486	44	530	1: 5,307
Selangor	492	27	519	544	1,063	1: 6,141
Terengganu	212	4	216	2	218	1: 5,714
W.P. Kuala Lumpur	196	265	461	263	724	1: 2,460
W.P. Labuan	15	1	16	0	16	1: 6,206
W.P. Putrajaya	128	0	128	1	129	1: 805
MALAYSIA	**4,228**	**468**	**4,696**	**1,714**	**6,410**	**1: 5,083**

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)
[2]Data dari Lembaga Farmasi Malaysia/*Data from Pharmacy Board Malaysia*

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.26 : BILANGAN JURUTERAPI PERGIGIAN[1] DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUTERAPI PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table4.26 : Number of Dental Therapists[1] in Public Sector by State and Ratio of Dental Therapist to Population, Malaysia as at 31 December 2019

NEGERI *State*	SEKTOR AWAM / *Public Sector*			NISBAH JURUTERAPI PERGIGIAN KEPADA PENDUDUK BERUMUR ≤ 18 TAHUN *Dental Therapist to Population Age ≤ 18 Year Ratio*
	KKM *MoH*	BUKAN KKM *Non MoH*	JUMLAH *Total*	
Johor	180	n.a	180	1:6,304
Kedah	178		178	1:3,881
Kelantan	197		197	1:3,615
Melaka	99		99	1:2,746
Negeri Sembilan	137		137	1:2,477
Pahang	205		205	1:2,622
Perak	227		227	1:3,130
Perlis	58		58	1:1,350
Pulau Pinang	195		195	1:2,243
Sabah	364		364	1:3,415
Sarawak	401		401	1:2,097
Selangor	230		230	1:8,177
Terengganu	151		151	1:3,134
W.P. KualaLumpur[2]	90		90	1:4,993
W.P. Labuan	12		12	1:2,742
W.P. Putrajaya[2]	88		88	1:475
MALAYSIA	**2,812**		**2,812**	**1:3,512**

Nota/*Note:*

[1]Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia

[1]Data from Human Resource Division, Ministry of Health Malaysia

[2] Pelarasan data KKM antara WP Putrajaya dan WP Kuala Lumpur berbanding tahun 2018

[2]MOH data readjustment between WP Putrajaya and WP Kuala Lumpur as compared to 2018

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.27 : BILANGAN JURUTEKNOLOGI[1] PERGIGIAN DISEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUTEKNOLOGI PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.27 : Number of Dental Technologists[1] in Public Sector by State and Ratio of Dental Technologist to Population, Malaysia as at 31 December 2019

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	67	n.a	67	n.a	67	1:56,184
Kedah	69		69		69	1:31,603
Kelantan	75		75		75	1:25,143
Melaka	34		34		34	1:27,374
Negeri Sembilan	54		54		54	1:20,931
Pahang	63		63		63	1:26,581
Perak	77		77		77	1:32,625
Perlis	18		18		18	1:14,133
Pulau Pinang	49		49		49	1:36,216
Sabah	102		102		102	1:38,269
Sarawak	114		114		114	1:24,674
Selangor	96		96		96	1:68,004
Terengganu	73		73		73	1:17,064
W.P. KualaLumpur[2]	34		34		34	1:52,374
W.P. Labuan	3		3		3	1:33,100
W.P. Putrajaya[2]	32		32		32	1:3,244
MALAYSIA	**960**		**960**		**960**	**1:33,939**

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)

[2]Pelarasan data KKM antara WP Putrajaya dan WP Kuala Lumpur berbanding tahun 2018

[2]MoH data readjustment between WP Putrajaya and WP Kuala Lumpur as compared to 2018

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.28 : BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN[1] DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.28 : Number of Dental Surgery Assistants[1] In Public Sector by State and Ratio of Dental Surgery Assistant to Population, Malaysia as at 31 December 2019

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 *MoH*	BUKAN KKM *Non MoH*	JUMLAH *Total*			
Johor	376	n.a	376	n.a	376	1:10,011
Kedah	263		263		263	1:8,291
Kelantan	281		281		281	1:6,711
Melaka	189		189		189	1:4,924
Negeri Sembilan	248		248		248	1:4,558
Pahang	322		322		322	1:5,201
Perak	350		350		350	1:7,177
Perlis	91		91		91	1:2,796
Pulau Pinang	280		280		280	1:6,338
Sabah	360		360		360	1:10,843
Sarawak	418		418		418	1:6,729
Selangor	428		428		428	1:15,253
Terengganu	283		283		283	1:4,402
W.P. KualaLumpur[2]	169		169		169	1:10,537
W.P. Labuan	16		16		16	1:6,206
W.P. Putrajaya[2]	128		128		128	1:811
MALAYSIA	**4,202**		**4,202**		**4,202**	**1:7,754**

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)

[2]Pelarasan data KKM antara W.P. Putrajaya dan W.P. Kuala Lumpur berbanding tahun 2018

[2]MoH data readjustment between W.P. Putrajaya and W.P. Kuala Lumpur as compared to 2018

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.29 : BILANGAN OPTOMETRIS[1] BERDAFTAR MENGIKUT NEGERI, SEKTOR DAN NISBAH OPTOMETRIS KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.29 : Number of Registered Optometrists[1] by State, Sector and Ratio of Optometrist to Population Malaysia as at 31 December 2019

NEGERI *State*	SEKTOR AWAM / *Public Sector*			SEKTOR SWASTA *Private Sector*	JUMLAH *Total*	NISBAH OPTOMETRIS KEPADA PENDUDUK *Optometrist to Population Ratio*
	KKM *MoH*	BUKAN KKM *Non MoH*	JUMLAH *Total*			
Johor	31	0	31	108	139	1:27,081
Kedah	18	0	18	68	86	1:25,356
Kelantan	16	5	21	51	72	1:26,190
Melaka	8	0	8	52	60	1:15,512
Negeri Sembilan	12	0	12	32	44	1:25,689
Pahang	17	17	34	33	67	1:24,994
Perak	26	0	26	135	161	1:15,603
Perlis	4	0	4	64	68	1:3,741
Pulau Pinang	17	0	17	7	24	1:73,942
Sabah	21	0	21	480	501	1:7,791
Sarawak	18	0	18	50	68	1:41,365
Selangor	49	16	65	41	106	1:61,589
Terengganu	16	0	16	44	60	1:20,762
W.P. Kuala Lumpur	22	22	44	239	283	1:6,292
W.P. Labuan	1	0	1	1	2	1:49,650
W.P. Putrajaya	15	0	15	9	24	1:4,325
MALAYSIA	**291**	**60**	**351**	**1,414**	**1,765**	**1:18,460**

Nota/*Note:*
[1]Data dari Majlis Optik Malaysia
[1]Data from Malaysian Optical Council

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.30 : BILANGAN JURUOPTIK[1] BERDAFTAR MENGIKUT NEGERI, DI SEKTOR SWASTA DAN NISBAH JURUOPTIK KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.30 : Number of Registered Opticians[1] in Private Sector and Ratio of Optician to Population, Malaysia as at 31 December 2019

NEGERI *State*	SEKTOR SWASTA *Private Sector*	NISBAH JURUOPTIK KEPADA PENDUDUK *Optician to Population Ratio*
Johor	354	1:10,634
Kedah	83	1:26,272
Kelantan	37	1:50,965
Melaka	83	1:11,213
Negeri Sembilan	88	1:12,844
Pahang	92	1:18,202
Perak	231	1:10,875
Perlis	8	1:31,800
Pulau Pinang	171	1:10,378
Sabah	125	1:31,227
Sarawak	135	1:20,836
Selangor	618	1:10,564
Terengganu	16	1:77,856
W.P. Kuala Lumpur	397	1:4,485
W.P. Labuan	3	1:33,100
W.P. Putrajaya	10	1:10,380
MALAYSIA	**2,451**	**1:13,293**

Nota/*Note:*
[1]Data dari Majlis Optik Malaysia
[1]Data from Malaysian Optical Council

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.31 : BILANGAN PEGAWAI KESIHATAN PERSEKITARAN[1,2] MENGIKUT NEGERI DAN NISBAH PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.31 : Number of Environmental Health Officers[1,2] by State and Ratio of Environmental Health Officer to Population, Malaysia as at 31 December 2019

NEGERI *State*	KEMENTERIAN KESIHATAN MALAYSIA *Ministry of Health Malaysia*	NISBAH PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK *Environmental Health Officer to Population Ratio*
Johor	11	1:342,209
Kedah	12	1:181,717
Kelantan	16	1:117,856
Melaka	8	1:116,338
Negeri Sembilan	8	1:141,288
Pahang	10	1:167,460
Perak	11	1:228,373
Perlis	6	1:42,400
Pulau Pinang	10	1:177,460
Sabah	22	1:177,427
Sarawak	17	1:165,459
Selangor	21	1:310,876
Terengganu	9	1:138,411
W.P. Kuala Lumpur	9	1:197,856
W.P. Labuan	4	1:24,825
W.P. Putrajaya	43	1:2,414
MALAYSIA	**217**	**1:150,145**

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)
[2]Pelarasan data KKM bagi Pegawai Kesihatan Persekitaran berbanding tahun 2018.
Data Pegawai Kesihatan Persekitaran dilaporkan berasingan dengan Penolong Pegawai Kesihatan Persekitaran
[2]MoH data readjustment for Environmental Health Officer as compared to 2018.
Data for Environmental Health Officer is reported separately from Assistant Environmental Health officers

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.32 : BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN[1,2] MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.32 : Number of Assistant Environmental Health Officers[1,2] by State and Ratio of Assistant Environmental Health Officer to Population, Malaysia as at 31 December 2019

NEGERI *State*	KEMENTERIAN KESIHATAN MALAYSIA *Ministry of Health Malaysia*	NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK *Assistant Environmental Health Officer to Population Ratio*
Johor	386	1:9,752
Kedah	360	1:6,057
Kelantan	336	1:5,612
Melaka	129	1:7,215
Negeri Sembilan	205	1:5,514
Pahang	354	1:4,731
Perak	343	1:7,324
Perlis	86	1:2,958
Pulau Pinang	235	1:7,551
Sabah	736	1:5,304
Sarawak	762	1:3,691
Selangor	489	1:13,351
Terengganu	278	1:4,481
W.P. Kuala Lumpur	152	1:11,715
W.P. Labuan	33	1:3,009
W.P. Putrajaya	126	1:824
MALAYSIA	**5,010**	**1:6,503**

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; and cadre post)

[2]Pelarasan data KKM bagi Penolong Pegawai Kesihatan Persekitaran. Data bagi Penolong Pegawai Kesihatan Persekitaran pada tahun 2018 dan sebelum adalah termasuk data Pegawai Kesihatan Persekitaran

[2]MoH data readjustment for Assistant Environmental Health Officer. Data for Assistant Environmental Health Officer in 2018 and before includes Health Officer

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.33 : BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN[1] MENGIKUT NEGERI DAN NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.33 : Number of Medical Laboratory Technologists[1] by State and Ratio of Medical Laboratory Technologist to Population, Malaysia as at 31 December 2019

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	567	n.a	567	n.a	567	1:6,639
Kedah	359		359		359	1:6,074
Kelantan	399		399		399	1:4,726
Melaka	180		180		180	1:5,171
Negeri Sembilan	284		284		284	1:3,980
Pahang	386		386		386	1:4,338
Perak	542		542		542	1:4,635
Perlis	76		76		76	1:3,347
Pulau Pinang	294		294		294	1:6,036
Sabah	760		760		760	1:5,136
Sarawak	826		826		826	1:3,405
Selangor[2]	970		970		970	1:6,730
Terengganu	271		271		271	1:4,597
W.P. KualaLumpur[2]	431		431		431	1:4,132
W.P. Labuan	26		26		26	1:3,819
W.P. Putrajaya[2]	89		89		89	1:1,166
MALAYSIA	**6,460**		**6,460**		**6,460**	**1:5,044**

Nota/*Note:*

[1]Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia

[1]Data from Human Resource Division, Ministry of Health Malaysia

[2]Pelarasan data KKM bagi Juruteknologi Makmal Perubatan berbanding tahun 2018 dan perpindahan Institut Kesihatan Negara dari W.P. Kuala Lumpur ke Selangor pada tahun 2019

[2]MoH data readjustment for Medical Laboratory Technologists as compared to 2018 and relocation of National Institute of Health from Kuala Lumpur to Selangor in 2019

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.34 : BILANGAN JURU X-RAY[1] MENGIKUT NEGERI DAN NISBAH JURU X-RAY KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.34 : Number of Radiographers[1] by State and Ratio of Radiographer to Population, Malaysia as at 31 December 2019

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	343	n.a	343	n.a	343	1:10,975
Kedah	172		172		172	1:12,678
Kelantan	143		143		143	1:13,187
Melaka	81		81		81	1:11,490
Negeri Sembilan	124		124		124	1:9,115
Pahang	174		174		174	1:9,624
Perak	220		220		220	1:11,419
Perlis	36		36		36	1:7,067
Pulau Pinang	164		164		164	1:10,821
Sabah	305		305		305	1:12,798
Sarawak	321		321		321	1:8,763
Selangor	336		336		336	1:19,430
Terengganu	117		117		117	1:10,647
W.P. Kuala Lumpur[2]	238		238		238	1:7,482
W.P. Labuan	11		11		11	1:9,027
W.P. Putrajaya[2]	134		134		134	1:775
MALAYSIA	**2,919**		**2,919**		**2,919**	**1:11,162**

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)
[2]Pelarasan data KKM antara WP Putrajaya dan WP Kuala Lumpur berbanding tahun 2018
[2]MoH data readjustment between W.P. Putrajaya and W.P. Kuala Lumpur as compared to 2018

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.35 : BILANGAN JURUPULIH CARA KERJA[1] MENGIKUT NEGERI DAN NISBAH JURUPULIH CARA KERJA KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.35 : Number of Occupational Therapists[1] by State and Ratio of Occupational Therapist to Population, Malaysia as at 31 December 2019

NEGERI *State*	SEKTOR AWAM / *PublicSector*			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	134	n.a	134	n.a	134	1: 28,092
Kedah	70		70		70	1: 31,151
Kelantan	58		58		58	1: 32,512
Melaka	37		37		37	1: 25,154
Negeri Sembilan	65		65		65	1: 17,389
Pahang	65		65		65	1: 25,763
Perak	135		135		135	1: 18,608
Perlis	16		16		16	1: 15,900
Pulau Pinang	82		82		82	1: 21,641
Sabah	151		151		151	1: 25,850
Sarawak	113		113		113	1: 24,892
Selangor	117		117		117	1: 55,798
Terengganu	56		56		56	1: 22,245
W.P. Kuala Lumpur[2]	73		73		73	1: 24,393
W.P. Labuan	4		4		4	1: 24,825
W.P. Putrajaya[2]	37		37		37	1: 2,805
MALAYSIA	**1,213**		**1,213**		**1,213**	**1: 26,860**

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)

[2]Pelarasan data KKM antara W.P. Putrajaya dan W.P. Kuala Lumpur berbanding tahun 2018

[2]MoH data readjustment between W.P. Putrajaya and W.P. Kuala Lumpur as compared to 2018

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.36 : BILANGAN JURUPULIH PERUBATAN ANGGOTA[1] MENGIKUT NEGERI DAN NISBAH JURUPULIH PERUBATAN ANGGOTA KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2019

Table 4.36 : Number of Physiotherapists[1] by State and Ratio of Physiotherapist to Population, Malaysia as at 31 December 2019

NEGERI *State*	SEKTOR AWAM *Public Sector*			SEKTOR SWASTA *Private Sector*	JUMLAH *Total*	NISBAH JURUPULIH PERUBATAN ANGGOTA KEPADA PENDUDUK *Physiotherapist to Population Ratio*
	KKM *MoH*	BUKAN KKM *Non MoH*	JUMLAH *Total*			
Johor	112	n.a	112	n.a	112	1:33,610
Kedah	78		78		78	1:27,956
Kelantan	86		86		86	1:21,927
Melaka	42		42		42	1:22,160
Negeri Sembilan	62		62		62	1:18,231
Pahang	84		84		84	1:19,936
Perak	105		105		105	1:23,925
Perlis	19		19		19	1:13,389
Pulau Pinang	83		83		83	1:21,381
Sabah	162		162		162	1:24,095
Sarawak	160		160		160	1:17,580
Selangor	153		153		153	1:42,669
Terengganu	69		69		69	1:18,054
W.P. Kuala Lumpur[2]	116		116		116	1:15,351
W.P. Labuan	6		6		6	1:16,550
W.P. Putrajaya[2]	88		88		88	1:1,180
MALAYSIA	**1,425**		**1,425**		**1,425**	**1:22,864**

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)

[2]Pelarasan data KKM antara W.P. Putrajaya dan W.P. Kuala Lumpur berbanding tahun 2018

[2]MoH data readjustment between WP Putrajaya and WP Kuala Lumpur as compared to 2018

PUNCA : BAHAGIAN PERANCANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Planning Division, Ministry of Health Malaysia

JADUAL 4.37 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN PRA PERKHIDMATAN PROGAM DI INSTITUSI LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2019

Table 4.37 : Total Intake of Trainees fo Pre-service Training Program by Diciplines in the Training Colleges of Ministry of Health Malaysia, 2019

JENIS *Type*	BILANGAN INSTITUSI LATIHAN KKM *No. of MoH Trainning Institution*	PENGAMBILAN TAHUNAN *Annual Intake*
JURUPULIH CARA KERJA *Occupational Therapist*	2	79
JURUPULIH ANGGOTA *Physiotherapist*	2	81
JURU X-RAY *Radiographer*	2	77
JURUTEKNOLOGI MAKMAL PERUBATAN *Medical Laboratory Technologist*	2	155
PENOLONG PEGAWAI PERUBATAN *Medical Assistant*	6	744
JURURAWAT *Nurse*	17	1,434
JURURAWAT MASYARAKAT *Community Nurse*	Proses Integrasi ILKKM	tiada pengambilan
PENOLONG PEGAWAI FARMASI *Pharmacist Assistant*	2	160
PEN. PEG. KESIHATAN PERSEKITARAN *Assistant Environmental Health Officer*	3	136
PEMBANTU KESIHATAN AWAM *Public Health Assistant*	3	113
JURUTERAPI PERGIGIAN[1] *Dental Therapist*[1]	1	62
JURUTEKNOLOGI PERGIGIAN *Dental Technologist*	1	37
PEMBANTU PEMBEDAHAN PERGIGIAN *Dental Surgery Assistant*	1	190

Nota/ *Note :*
[1]Sebelumnya dikenali sebagai Jururawat Pergigian
[1]Formerly known as Dental Nurse

PUNCA : BAHAGIAN PENGURUSAN LATIHAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Training Management Division, Ministry of Health Malaysia

JADUAL 4.38 : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2019

Table 4.38 : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2019

JENIS KURSUS *Type of Course*	PENGAMBILAN PELATIH MAKSIMA *Training Capacity*	JAWATAN PENGAJAR YANG ADA *Teaching Post Available*	NISBAH TENAGA PENGAJAR KEPADA PELATIH[1] *Ratio of Teaching Staff to Students[1]*
JURUPULIH CARA KERJA *Occupational Therapist*	266	23	1 : 12
JURUPULIH ANGGOTA/ *Physiotherapist*	265	24	1 : 11
JURU X-RAY/ *Radiographer*	234	35	1 : 7
JURUTEKNOLOGI MAKMAL PERUBATAN *Medical Laboratory Technologist*	522	73	1 : 7
PEMBANTU PERUBATAN/ *Medical Assistant*	2,470	136	1 : 18
JURURAWAT/ *Nurse*	3,257	583	1 : 6
JURURAWAT MASYARAKAT *Community Nurse*	0		n.a
PEMBANTU FARMASI *Pharmacist Assistant*	522	19	1 : 27
PEN. PEG. KESIHATAN PERSEKITARAN *Assistant Environmental Health Officer*	533	82	1 : 7
PEMBANTU KESIHATAN AWAM *Public Health Assistant*	266		1 : 3
JURURAWAT PERGIGIAN[2]/ *Dental Therapist*[2]	203	25	1 : 8
JURUTEKNOLOGI PERGIGIAN *Dental Technologist*	144	11	1 : 13
PEMBANTU PEMBEDAHAN PERGIGIAN *Dental Surgery Assistant*	426		1 : 39

Nota/ ***Note:***

[1]Berasaskan kepada bilangan Tenaga Pengajar dan maksima pelatih
Based on Number of Teaching Posts and Training Capacity of Students.

[2]Sebelumnya dikenali sebagai Jururawat Pergigian
Formerly known as Dental Nurse

PUNCA: BAHAGIAN PENGURUSAN LATIHAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Training Management Division, Ministry of Health Malaysia

JADUAL 4.39 : PERUNTUKAN BELANJA MENGURUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM, MALAYSIA, 2019

Table 4.39 : Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2019

KOD PROGRAM *Program Code*	TAJUK *Title*	PERUNTUKAN *Allocation* (RM)	PERBELANJAAN *Expenditure* (RM)	PERATUSAN PERBELANJAAN *Expenditure Percentage*
0010000	Pengurusan / *Management*	1,669,087,749	1,844,104,162	110.49
0020000	Rawatan Perubatan / *Medical Care*	13,882,270,491	14,410,150,537	103.80
0030000	Kesihatan Awam / *Public Health*	5,461,142,630	5,836,135,974	106.87
0040000	Kesihatan Pergigian / *Oral Health*	948,166,476	948,162,128	100.00
0050000	Perkhidmatan Farmasi / *Pharmaceutical Services*	202,391,377	202,391,392	100.00
0060000	Penyelidikan Dan Sokongan Teknikal *Research And Technical Support*	296,971,457	296,966,426	100.00
0070000	Keselamatan dan Kualiti Makanan *Food Safety and Quality*	92,614,310	92,612,302	100.00
0080000	Program Khusus / *Specific Program*	3,945,672,810	4,047,665,681	102.58
JUMLAH *Total*		**26,498,317,300**	**27,678,188,603**	**104.45**

PUNCA: BAHAGIAN KEWANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : Finance Division, Ministry of Health Malaysia

JADUAL 4.40 : PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK, MALAYSIA, 2019

Table 4.40 : Actual Development Allocation and Expenditure by Project Details, Malaysia, 2019

KOD PROGRAM *Program Code*	TAJUK *Title*	PERUNTUKAN *Allocation* (RM)	PERBELANJAAN *Expenditure* (RM)	PERATUSAN PERBELANJAAN *Expenditure Percentage*
00100	Latihan / *Training*	56,399,810	54,514,440	96.66
00200	Kesihatan Awam / *Public Health*	282,030,700	271,908,588	96.41
00300	Kemudahan Hospital / *Hospital Facilities*	603,370,300	596,582,802	98.88
00400	Hospital Baru / *New Hospitals*	227,493,200	224,196,377	98.55
00500	Penyelidikan dan Pembangunan *Research and Development*	20,150,000	18,444,243	91.53
00600	Ubahsuai, Naiktaraf Dan Pembaikan *Restructure, Upgrade and Repairs*	94,300,000	91,289,413	96.81
00700	Perolehan Dan Penyelenggaran Tanah Land *Procurement and Maintenances*	75,000,000	74,267,477	99.02
00800	Kemudahan Teknologi Maklumat dan Komunikasi *Information Technology and Communication Facilities*	20,900,000	20,358,225	97.41
00900	Penyelenggaraan Kuaters KKM *Maintenances of KKM Quarters*	5,000,000	4,917,181	98.34
00900	Kemudahan Anggota / *Staff Facilities*	76,000,200	73,507,547	96.72
01000	Promosi Kesihatan / *Health Promotion*	-	-	
01100	Peralatan dan Kenderaan *Equipments and Vehicles*	323,782,000	317,333,470	98.01
94000	NKEA - *National Key Economic Area*	-	-	
JUMLAH/*Total*		**1,784,426,210**	**1,747,319,763**	**97.92**

PUNCA: BAHAGIAN KEWANGAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Finance Division, Ministry of Health Malaysia

JADUAL 4.41 : PERATUS PERUNTUKAN BELANJAWAN KESIHATAN BERBANDING DENGAN BELANJAWAN NEGARA, MALAYSIA, 2019

Table 4.41 : Percentage of Health Budget Allocation to Total National Budget, Malaysia, 2019

Peratus Peruntukan Belanjawan Kesihatan : Belanjawan Negara *Percentage Of Health Budget Allocation To National Budget*	9.12%
Belanjawan Negara (Mengurus Dan Pembangunan) *National Budget (Operating And Development)*	RM314,550,000,000
Belanjawan Kesihatan (Mengurus Dan Pembangunan) *Health Budget (Operating And Development)*	RM28,678,743,500

Punca/*Source:*
BAHAGIAN KEWANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Finance Division, Ministry of Health Malaysia

JADUAL 4.42 : NISBAH PENDAPATAN NEGARA KASAR (PNK) BAGI KESIHATAN, MALAYSIA, 2019
Table 4.42 : Proportion of Gross National Income (GNI) for Health, Malaysia,2019

Pendapatan Negara Kasar (PNK) Pada Harga Semasa (Dalam Juta)[1] *Gross National Income (GNI) At Current Prices (In Million)[1]*	RM1,472,229
Belanjawan Kesihatan (Mengurus dan Pembangunan) (Juta)[2] *Health Budget (Operating and Development) (Million)[2]*	RM28,679
Peratus PNK bagi Kesihatan *Percentage of GNI for Health*	1.95

PUNCA : [1]KEMENTERIAN KEWANGAN MALAYSIA
[2]BAHAGIAN KEWANGAN, KEMENTERIAN KESIHATAN MALAYSIA
Source : [1]Ministry of Finance Malaysia
[2]Finance Dividion, Ministry of Health Malaysia

JADUAL 4.43 : LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.43 : BCG Coverage for Infants by State, Malaysia, 2019

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2018 *Estimated Live Births 2018* (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	61,084	56,183	55,699	91.18	99.14
Kedah	35,643	34,232	33,910	95.14	99.06
Kelantan	38,360	35,274	34,602	90.20	98.09
Melaka	14,388	14,221	13,893	96.56	97.69
Negeri Sembilan	18,177	17,496	16,777	92.30	95.89
Pahang	27,006	24,669	24,529	90.83	99.43
Perak	33,869	33,499	32,994	97.42	98.49
Perlis	4,371	4,801	4,721	108.01	98.33
Pulau Pinang	20,705	21,466	21,358	103.15	99.50
Sabah	53,025	52,811	52,096	98.25	98.65
Sarawak	36,624	35,988	35,622	97.26	98.98
Selangor	102,125	87,042	85,349	83.57	98.05
Terengganu	28,242	24,509	24,318	86.11	99.22
W.P. Kuala Lumpur	24,235	32,780	31,868	131.50	97.22
W.P. Labuan	1,691	1,657	1,628	96.27	98.25
W.P. Putrajaya	2,400	7,841	7,737	322.38	98.67
MALAYSIA	**501,945**	**484,469**	**477,101**	**95.05**	**98.48**

Nota/*Note :*

[1]Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2018 diperolehi daripada Jabatan Perangkaan Malaysia

[1]Refers to calculation of coverage using estimated live births 2018 from Department of Statistics Malaysia (DOSM)

[2]Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2019 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

[2]Refers to calculation of coverage using live births 2019 from National Tuberculosis Information System (TBIS)

PUNCA: PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.44 : LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA DAN DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.44 : Polio Immunisation Coverage of Infants (1st Dose and 3rd Dose) by State, Malaysia, 2019

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2018 *Estimated Live Births 2018* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	DOS PERMULAAN (DOS PERTAMA) *Initial Dose (1st Dose)*			DOS PENAMAT (DOS KETIGA) *Completion Dose (3rd Dose)*		
			BILANGAN *Number*	LIPUTAN/*Coverage* (%)		BILANGAN *Number*	LIPUTAN/*Coverage* (%)	
				DOSM[1]	TBIS[2]		DOSM[1]	TBIS[2]
Johor	61,084	56,183	57,252	93.73	101.90	61,651	100.93	109.73
Kedah	35,643	34,232	32,640	91.57	95.35	32,754	91.89	95.68
Kelantan	38,360	35,274	29,611	77.19	83.95	28,197	73.51	79.94
Melaka	14,388	14,221	13,916	96.72	97.86	14,674	101.99	103.19
Negeri Sembilan	18,177	17,496	17,451	96.01	99.74	18,096	99.55	103.43
Pahang	27,006	24,669	26,483	98.06	107.35	27,012	100.02	109.50
Perak	33,869	33,499	32,026	94.56	95.60	32,633	96.35	97.41
Perlis	4,371	4,801	3,909	89.43	81.42	3,849	88.06	80.17
Pulau Pinang	20,705	21,466	20,526	99.14	95.62	21,993	106.22	102.46
Sabah	53,025	52,811	50,018	94.33	94.71	52,154	98.36	98.76
Sarawak	36,624	35,988	34,647	94.60	96.27	35,975	98.23	99.96
Selangor	102,125	87,042	96,630	94.62	111.02	106,620	104.40	122.49
Terengganu	28,242	24,509	24,556	86.95	100.19	25,324	89.67	103.33
W.P. Kuala Lumpur	24,235	32,780	24,993	103.13	76.24	28,126	116.06	85.80
W.P. Labuan	1,691	1,657	1,945	115.02	117.38	1,912	113.07	115.39
W.P. Putrajaya	2,400	7,841	2,355	98.13	30.03	2,908	121.17	37.09
MALAYSIA	**501,945**	**484,469**	**468,958**	**93.43**	**96.80**	**493,878**	**98.39**	**101.94**

Nota/*Note :*

[1]Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2018 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)

[1]Refers to calculation of coverage using estimated live births 2018 from Department of Statistics Malaysia (DOSM)

[2]Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2019 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

[2]Refers to calculation of coverage using live births 2019 from National Tuberculosis Information System (TBIS)

PUNCA: PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.45 : LIPUTAN DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 – 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.45 : Coverage of Children of Age 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2019

NEGERI *State*	KANAK-KANAK BERUMUR 1 – 2 TAHUN YANG DIBERI DOS SEMULA PERTAMA POLIO *Children of Age 1 – 2 Years Given 1st 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	67,400	59,498	88.28
Kedah	36,500	32,707	89.61
Kelantan	46,900	27,813	59.30
Melaka	14,200	14,665	103.27
Negeri Sembilan	16,900	18,042	106.76
Pahang	29,300	26,951	91.98
Perak	43,700	32,891	75.27
Perlis	4,400	4,110	93.41
Pulau Pinang	23,900	21,617	90.45
Sabah	60,400	49,537	82.01
Sarawak	56,700	35,150	61.99
Selangor	111,300	107,906	96.95
Terengganu	28,200	24,794	87.92
W.P. Kuala Lumpur	22,500	25,296	112.43
W.P. Labuan	1,600	1,918	119.88
W.P. Putrajaya	2,100	3,159	150.43
MALAYSIA	**566,000**	**486,054**	**85.88**

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.

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

JADUAL 4.46 : LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.46 : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2019

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2018 *Estimated Live Births 2018* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	DOS PERMULAAN (DOS PERTAMA) *Initial Dose (1st Dose)*			DOS PENAMAT (DOS KETIGA) *Completion Dose (3rd Dose)*		
			BILANGAN *Number*	LIPUTAN/*Coverage* (%)		BILANGAN *Number*	LIPUTAN/*Coverage* (%)	
				DOSM[1]	TBIS[2]		DOSM[1]	TBIS[2]
Johor	61,084	56,183	57,252	93.73	101.90	61,651	100.93	109.73
Kedah	35,643	34,232	32,640	91.57	95.35	32,754	91.89	95.68
Kelantan	38,360	35,274	29,611	77.19	83.95	28,197	73.51	79.94
Melaka	14,388	14,221	13,916	96.72	97.86	14,674	101.99	103.19
Negeri Sembilan	18,177	17,496	17,451	96.01	99.74	18,096	99.55	103.43
Pahang	27,006	24,669	26,483	98.06	107.35	27,012	100.02	109.50
Perak	33,869	33,499	32,026	94.56	95.60	32,633	96.35	97.41
Perlis	4,371	4,801	3,909	89.43	81.42	3,849	88.06	80.17
Pulau Pinang	20,705	21,466	20,526	99.14	95.62	21,993	106.22	102.46
Sabah	53,025	52,811	50,018	94.33	94.71	52,154	98.36	98.76
Sarawak	36,624	35,988	34,647	94.60	96.27	35,975	98.23	99.96
Selangor	102,125	87,042	96,630	94.62	111.02	106,620	104.40	122.49
Terengganu	28,242	24,509	24,556	86.95	100.19	25,324	89.67	103.33
W.P. Kuala Lumpur	24,235	32,780	24,993	103.13	76.24	28,126	116.06	85.80
W.P. Labuan	1,691	1,657	1,945	115.02	117.38	1,912	113.07	115.39
W.P. Putrajaya	2,400	7,841	2,355	98.13	30.03	2,908	121.17	37.09
MALAYSIA	**501,945**	**484,469**	**468,958**	**93.43**	**96.80**	**493,878**	**98.39**	**101.94**

Nota/*Note :*

[1]Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2018 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)

[1]Refers to calculation of coverage using estimated live births 2018 from Department of Statistics Malaysia (DOSM)

[2]Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2019 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

[2]Refers to calculation of coverage using live births 2019 from National Tuberculosis Information System (TBIS)

PUNCA: PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.47 : LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA), BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.47 : Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2019

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2018 *Estimated Live Births 2018* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	DOS PERMULAAN (DOS PERTAMA) *Initial Dose (1st Dose)*			DOS PENAMAT (DOS KETIGA) *Completion Dose (3rd Dose)*		
			BILANGAN *Number*	LIPUTAN/*Coverage* (%)		BILANGAN *Number*	LIPUTAN/*Coverage* (%)	
				DOSM[1]	TBIS[2]		DOSM[1]	TBIS[2]
Johor	61,084	56,183	57,252	93.73	101.90	61,651	100.93	109.73
Kedah	35,643	34,232	32,640	91.57	95.35	32,754	91.89	95.68
Kelantan	38,360	35,274	29,611	77.19	83.95	28,197	73.51	79.94
Melaka	14,388	14,221	13,916	96.72	97.86	14,674	101.99	103.19
Negeri Sembilan	18,177	17,496	17,451	96.01	99.74	18,096	99.55	103.43
Pahang	27,006	24,669	26,483	98.06	107.35	27,012	100.02	109.50
Perak	33,869	33,499	32,026	94.56	95.60	32,633	96.35	97.41
Perlis	4,371	4,801	3,909	89.43	81.42	3,849	88.06	80.17
Pulau Pinang	20,705	21,466	20,526	99.14	95.62	21,993	106.22	102.46
Sabah	53,025	52,811	50,018	94.33	94.71	52,154	98.36	98.76
Sarawak	36,624	35,988	34,647	94.60	96.27	35,975	98.23	99.96
Selangor	102,125	87,042	96,630	94.62	111.02	106,620	104.40	122.49
Terengganu	28,242	24,509	24,556	86.95	100.19	25,324	89.67	103.33
W.P. Kuala Lumpur	24,235	32,780	24,993	103.13	76.24	28,126	116.06	85.80
W.P. Labuan	1,691	1,657	1,945	115.02	117.38	1,912	113.07	115.39
W.P. Putrajaya	2,400	7,841	2,355	98.13	30.03	2,908	121.17	37.09
MALAYSIA	**501,945**	**484,469**	**468,958**	**93.43**	**96.80**	**493,878**	**98.39**	**101.94**

Nota/*Note :*

[1]Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2018 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)

[1]Refers to calculation of coverage using estimated live births 2018 from Department of Statistics Malaysia (DOSM)

[2]Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2019 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

[2]Refers to calculation of coverage using live births 2019 from National Tuberculosis Information System (TBIS)

PUNCA: PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.48 : LIPUTAN PELALIAN DOS SEMULA DOUBLE ANTIGEN BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.48 : Coverage of Standard 1 School Children For Booster Dose Double Antigen by State, Malaysia, 2019

NEGERI *State*	JUMLAH ENROLMEN DARJAH 1 *Total Standard 1 Enrolment*	MURID DARJAH 1 YANG DIBERI DOS SEMULA DOUBLE ANTIGEN *Standard 1 Pupils Given Booster Dose Double Antigen*	
		BILANGAN *Number*	LIPUTAN/*Coverage* (%)
Johor	58,878	58,831	99.92
Kedah	33,146	32,686	98.61
Kelantan	29,044	28,822	99.24
Melaka	14,826	14,700	99.15
Negeri Sembilan	18,645	18,574	99.62
Pahang	26,042	25,905	99.47
Perak	35,609	35,218	98.90
Perlis	4,188	4,140	98.85
Pulau Pinang	23,534	23,429	99.55
Sabah	50,160	49,945	99.57
Sarawak	39,561	38,510	97.34
Selangor	100,677	99,457	98.79
Terengganu	23,093	22,849	98.94
W.P. Kuala Lumpur	24,157	23,890	98.89
W.P. Labuan	1,733	1,729	99.77
W.P. Putrajaya	3,709	3,681	99.25
MALAYSIA	**487,002**	**482,366**	**99.05**

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

JADUAL 4.49 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.49 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2019

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2018 *Estimated Live Births 2018* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	DOS PERTAMA *1st Dose*			DOS KEDUA *2nd Dose*		
			BILANGAN *Number*	LIPUTAN/ *Coverage* (%)		BILANGAN *Number*	LIPUTAN/ *Coverage* (%)	
				DOSM[1]	TBIS[2]		DOSM[1]	TBIS[2]
Johor	61,084	56,183	57,714	94.48	102.73	58,369	95.56	103.89
Kedah	35,643	34,232	32,897	92.30	96.10	34,538	96.90	100.89
Kelantan	38,360	35,274	35,169	91.68	99.70	34,854	90.86	98.81
Melaka	14,388	14,221	13,452	93.49	94.59	13,924	96.78	97.91
Negeri Sembilan	18,177	17,496	16,272	89.52	93.00	17,171	94.47	98.14
Pahang	27,006	24,669	24,600	91.09	99.72	27,528	101.93	111.59
Perak	33,869	33,499	33,414	98.66	99.75	34,123	100.75	101.86
Perlis	4,371	4,801	4,763	108.97	99.21	4,082	93.39	85.02
Pulau Pinang	20,705	21,466	20,841	100.66	97.09	20,151	97.32	93.87
Sabah	53,025	52,811	49,586	93.51	93.89	48,934	92.28	92.66
Sarawak	36,624	35,988	33,527	91.54	93.16	33,870	92.48	94.11
Selangor	102,125	87,042	93,017	91.08	106.86	88,928	87.08	102.17
Terengganu	28,242	24,509	24,317	86.10	99.22	26,817	94.95	109.42
W.P. Kuala Lumpur	24,235	32,780	20,457	84.41	62.41	21,387	88.25	65.24
W.P. Labuan	1,691	1,657	1,648	97.46	99.46	1,890	111.77	114.06
W.P. Putrajaya	2,400	7,841	2,915	121.46	37.18	1,968	82.00	25.10
MALAYSIA	**501,945**	**484,469**	**464,589**	**92.56**	**95.90**	**468,534**	**93.34**	**96.71**

Nota/*Note :*

[1]Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2018 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)

[1]Refers to calculation of coverage using estimated live births 2018 from Department of Statistics Malaysia (DOSM)

[2]Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2019 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

[2]Refers to calculation of coverage using live births 2019 from National Tuberculosis Information System (TBIS)

PUNCA: PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.49 : LIPUTAN PELALIAN HEPATITIS B (DOSPERTAMA, DOSKEDUA, DOSKETIGA DAN DOSKEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2019 (SAMB.)

Table 4.49 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2019 (Cont'd)

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2018 *Estimated Live Births 2018* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	DOS KETIGA *3rd Dose*			DOS KEEMPAT *4th Dose*		
			BILANGAN *Number*	LIPUTAN/ *Coverage* (%)		BILANGAN *Number*	LIPUTAN/ *Coverage* (%)	
				DOSM[1]	TBIS[2]		DOSM[1]	TBIS[2]
Johor	61,084	56,183	59,394	97.23	105.72	0	0	0
Kedah	35,643	34,232	33,069	92.78	96.60	3	0.01	0.01
Kelantan	38,360	35,274	28,498	74.29	80.79	0	0	0
Melaka	14,388	14,221	14,542	101.07	102.26	0	0	0
Negeri Sembilan	18,177	17,496	17,783	97.83	101.64	0	0	0
Pahang	27,006	24,669	27,224	100.81	110.36	0	0	0
Perak	33,869	33,499	32,786	96.80	97.87	0	0	0
Perlis	4,371	4,801	3,852	88.13	80.23	0	0	0
Pulau Pinang	20,705	21,466	22,032	106.41	102.64	0	0	0
Sabah	53,025	52,811	52,902	99.77	100.17	3	0.01	0.01
Sarawak	36,624	35,988	35,347	96.51	98.22	0	0	0
Selangor	102,125	87,042	104,545	102.37	120.11	0	0	0
Terengganu	28,242	24,509	25,376	89.85	103.54	0	0	0
W.P. Kuala Lumpur	24,235	32,780	26,253	108.33	80.09	0	0	0
W.P. Labuan	1,691	1,657	1,893	111.95	114.24	0	0	0
W.P. Putrajaya	2,400	7,841	2,902	120.92	37.01	0	0	0
MALAYSIA	**501,945**	**484,469**	**488,398**	**97.30**	**100.81**	**6**	**0.00**	**0.00**

Nota/*Note:*

[1]Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2018 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)

[1]Refers to calculation of coverage using estimated live births 2018 from Department of Statistics Malaysia (DOSM)

[2]Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2019 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

[2]Refers to calculation of coverage using live births 2019 from National Tuberculosis Information System (TBIS)

PUNCA: PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.50 : LIPUTAN PELALIAN MMR (MUMP, MEASLES DAN RUBELLA) MENGIKUT NEGERI, MALAYSIA, 2019
Table 4.50 : Immunisation Coverage MMR (Mump, Measles And Rubella) by State, Malaysia, 2019

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2018[1] *Estimated Live Births 2018[1]*	9 BULAN HINGGA < 1 TAHUN *9 Months to < 1 Years*		ANGGARAN KANAK-KANAK BERUMUR 1 – 2 TAHUN *Estimated Children of Age 1– 2 Years*	1 HINGGA < 2 TAHUN *1 to < 2 Years*	
		BILANGAN *Number*	LIPUTAN *Coverage* (%)		BILANGAN *Number*	LIPUTAN *Coverage* (%)
Johor	61,084	59,929	98.11	67,400	58,965	96.53
Kedah	35,643	32,619	91.52	36,500	32,642	91.58
Kelantan	38,360	28,104	73.26	46,900	27,749	72.34
Melaka	14,388	14,694	102.13	14,200	14,545	101.09
Negeri Sembilan	18,177	18,035	99.22	16,900	17,909	98.53
Pahang	27,006	27,278	101.01	29,300	26,741	99.02
Perak	33,869	32,515	96.00	43,700	32,519	96.01
Perlis	4,371	3,961	90.62	4,400	3,989	91.26
Pulau Pinang	20,705	21,355	103.14	23,900	23,032	111.24
Sabah	53,025	50,190	94.65	60,400	49,609	93.56
Sarawak	36,624	35,526	97.00	56,700	35,981	98.24
Selangor	102,125	103,661	101.50	111,300	110,684	108.38
Terengganu	28,242	25,389	89.90	28,200	24,670	87.35
W.P. Kuala Lumpur	24,235	26,755	110.40	22,500	26,198	108.10
W.P. Labuan	1,691	2,090	123.60	1,600	1,975	116.79
W.P. Putrajaya	2,400	2,987	124.46	2,100	3,047	126.96
MALAYSIA	**501,945**	**485,088**	**96.64**	**566,000**	**490,255**	**97.67**

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.

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

JADUAL 4.51 : LIPUTAN PELALIAN HPV (HUMAN PAPILLOMA VIRUS) (DOS PERTAMA DAN DOS KEDUA) BAGI PEREMPUAN BERUMUR 13 TAHUN MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.51 : Immunisation Coverage of Female of age 13 years for HPV (Human Papilloma Virus) (1st Dose and 2nd Dose) by State, Malaysia, 2019

NEGERI *State*	ANGGARAN PEREMPUAN BERUMUR 13 TAHUN[1] *Estimated Female of Age 13 Years[1]*	DOS PERTAMA *1st Dose*		DOS KEDUA *2nd Dose*	
		BILANGAN *Number*	LIPUTAN *Coverage* (%)	BILANGAN *Number*	LIPUTAN *Coverage* (%)
Johor	28,500	25,590	89.79	25,584	89.77
Kedah	16,600	15,404	92.80	15,349	92.46
Kelantan	16,200	13,720	84.69	13,713	84.65
Melaka	7,000	6,391	91.30	6,368	90.97
Negeri Sembilan	8,400	8,544	101.71	8,516	101.38
Pahang	13,400	10,943	81.66	10,933	81.59
Perak	19,200	16,392	85.38	16,337	85.09
Perlis	1,900	1,881	99.00	1,878	98.84
Pulau Pinang	11,100	10,036	90.41	10,003	90.12
Sabah	29,700	20,064	67.56	20,063	67.55
Sarawak	24,000	19,350	80.63	19,074	79.48
Selangor	46,300	38,473	83.10	37,855	81.76
Terengganu	10,700	10,020	93.64	9,991	93.37
W.P. Kuala Lumpur	11,300	10,087	89.27	10,074	89.15
W.P. Labuan	800	666	83.25	666	83.25
W.P. Putrajaya	700	939	134.14	939	134.14
MALAYSIA	**245,800**	**208,500**	**84.83**	**207,343**	**84.35**

Nota/*Note:*
[1]Data dari Jabatan Perangkaan Malaysia (DOSM)
[1]Data from Department of Statistics Malaysia (DOSM)

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

JADUAL 4.52 : LIPUTAN IBU-IBU MENGANDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2019
Table 4.52 : Coverage of Antenatal Mothers (1st Visit) by State, Malaysia 2019

NEGERI *State*	ANGGARAN IBU MENGANDUNG *Estimated Number of Pregnant Mothers (2018)*	BILANGAN KEDATANGAN IBU MENGANDUNG (LAWATAN PERTAMA) *Number of Antenatal Attendances (1st Visit)*	LIPUTAN IBU MENGANDUNG (LAWATAN PERTAMA) *Coverage of Antenatal (1st Visit)* %
Johor	65,625	67,264	102.50
Kedah	38,939	31,893	81.91
Kelantan	41,652	25,801	61.94
Melaka	15,326	14,792	96.52
Negeri Sembilan	20,892	19,587	93.75
Pahang	29,434	25,614	87.02
Perak	39,146	32,692	83.51
Perlis	5,152	3,982	77.29
Pulau Pinang	21,118	25,667	121.54
Sabah	57,714	49,535	85.83
Sarawak	39,049	35,776	91.62
Selangor	101,296	126,930	125.31
Terengganu	31,507	24,462	77.64
W.P. Kuala Lumpur	27,040	46,441	171.75
W.P. Labuan	1,763	2,088	118.43
W.P. Putrajaya	2,450	2,911	118.82
MALAYSIA	**538,103**	**535,435**	**99.50**

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

JADUAL 4.53 : LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID DENGAN MENGGUNAKAN DENOMINATOR ANGGARAN IBU MENGANDUNG MENGIKUT NEGERI, MALAYSIA, 2019

Table 4.53 : Coverage of Antenatal Mothers for Tetanus Toxoid using Estimated Pregnant Mothers as Denominator by State, Malaysia, 2019

NEGERI *State*	ANGGARAN IBU MENGANDUNG *Estimated Number of Pregnant Mothers* (2018)	DOS PERTAMA *1st Dose*		DOS KEDUA / DOS SEMULA (DOS PENAMAT) *2nd Dose or Booster Dose (Completion Dose)*	
		BILANGAN *Number*	LIPUTAN *Coverage* (%)	BILANGAN *Number*	LIPUTAN *Coverage* (%)
Johor	65,625	21,552	32.84	57,535	87.67
Kedah	38,939	9,466	24.31	29,710	76.30
Kelantan	41,652	6,500	15.61	24,425	58.64
Melaka	15,326	4,609	30.07	13,763	89.80
Negeri Sembilan	20,892	5,501	26.33	16,563	79.28
Pahang	29,434	7,241	24.60	23,936	81.32
Perak	39,146	10,729	27.41	29,581	75.57
Perlis	5,152	1,068	20.73	3,480	67.55
Pulau Pinang	21,118	7,068	33.47	20,122	95.28
Sabah	57,714	13,879	24.05	46,779	81.05
Sarawak	39,049	14,915	38.20	33,001	84.51
Selangor	101,296	36,600	36.13	103,869	102.54
Terengganu	31,507	6,164	19.56	24,412	77.48
W.P. Kuala Lumpur	27,040	11,708	43.30	25,563	94.54
W.P. Labuan	1,763	557	31.59	2,083	118.15
W.P. Putrajaya	2,450	831	33.92	2,911	118.82
MALAYSIA	**538,103**	**158,388**	**29.43**	**457,733**	**85.06**

PUNCA: 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, 2019

Table 4.54 : Coverage of Antenatal Mothers for Tetanus Toxoid using Live Births as Denominator by State, Malaysia, 2019

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2018 *Estimated Live Births 2018* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	DOS PERTAMA *1st Dose*			DOS KEDUA / DOS SEMULA (DOS PENAMAT) *2nd Dose or Booster Dose (Completion Dose)*		
			BILANGAN *Number*	LIPUTAN/*Coverage* (%)		BILANGAN *Number*	LIPUTAN/*Coverage* (%)	
				DOSM[1]	TBIS[2]		DOSM[1]	TBIS[2]
Johor	61,084	56,183	21,552	35.28	38.36	57,535	94.19	102.41
Kedah	35,643	34,232	9,466	26.56	27.65	29,710	83.35	86.79
Kelantan	38,360	35,274	6,500	16.94	18.43	24,425	63.67	69.24
Melaka	14,388	14,221	4,609	32.03	32.41	13,763	95.66	96.78
Negeri Sembilan	18,177	17,496	5,501	30.26	31.44	16,563	91.12	94.67
Pahang	27,006	24,669	7,241	26.81	29.35	23,936	88.63	97.03
Perak	33,869	33,499	10,729	31.68	32.03	29,581	87.34	88.30
Perlis	4,371	4,801	1,068	24.43	22.25	3,480	79.62	72.48
Pulau Pinang	20,705	21,466	7,068	34.14	32.93	20,122	97.18	93.74
Sabah	53,025	52,811	13,879	26.17	26.28	46,779	88.22	88.58
Sarawak	36,624	35,988	14,915	40.72	41.44	33,001	90.11	91.70
Selangor	102,125	87,042	36,600	35.84	42.05	103,869	101.71	119.33
Terengganu	28,242	24,509	6,164	21.83	25.15	24,412	86.44	99.60
W.P. Kuala Lumpur	24,235	32,780	11,708	48.31	35.72	25,563	105.48	77.98
W.P. Labuan	1,691	1,657	557	32.94	33.61	2,083	123.18	125.71
W.P. Putrajaya	2,400	7,841	831	34.63	10.60	2,911	121.29	37.13
MALAYSIA	**501,945**	**484,469**	**158,388**	**31.55**	**32.69**	**457,733**	**91.19**	**94.48**

Nota/*Note:*

[1]Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2018 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)

[1]Refers to calculation of coverage using estimated live births 2018 from Department of Statistics Malaysia (DOSM)

[2]Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2019 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)

[2]Refers to calculation of coverage using live births 2019 from National Tuberculosis Information System (TBIS)

PUNCA: PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA

Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.55 : KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2019

Table 4.55 : Deliveries Attended by Trained Personel, Malaysia, 2019

KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH *Deliveries Attended by Trained Personel*	BILANGAN *Number*	PERATUS *Percentage*
Jumlah Kelahiran *Total Deliveries*	440,494	100.00
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan) *Deliveries by Trained Personnel (Government)*	390,875	88.74
- Hospital Kerajaan / *Government Hospitals*	388,106	88.11
- Kemudahan Kesihatan Awam / *Public Health Facilities*	2,769	0.63
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Swasta) *Deliveries by Trained Personnel (Private)*	47,976	10.89
- Hospital Swasta / *Private Hospitals*	46,557	10.57
- Rumah Bersalin Swasta / *Private Maternity Homes*	1,419	0.32
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan Dan Swasta) *Deliveries by Trained Personnel (Government and Private)*	438,851	99.63

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

JADUAL 4.56 : BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2018-2019

Table 4.56 : Number of New Family Planning Acceptors by Type of Methods, Malaysia 2018-2019

KAEDAH *Methods*	2018				2019			
	MoH[1]		LPPKN		MoH[1]		LPPKN	
	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
Pil/*Pill*	55,316	45.83	621	18.13	52,786	41.87	391	14.97
Alat Dalam Rahim (ADR) *Ultra Uterine Device (IUD)*	4,240	3.51	363	10.60	5,190	4.12	296	11.33
Kondom/*Condom*	8,958	7.42	584	17.05	8,734	6.93	413	15.81
Suntikan/*Injection*	47,360	39.24	436	12.73	54,733	43.41	222	8.50
Sterilisasi/Sterilization	n.a	n.a	1	0.03	n.a	n.a	0	0
- Perempuan/*Female*	n.a	n.a	0	0	n.a	n.a	0	0
- Lelaki/Male								
Implant	n.a	n.a	923	26.94	n.a	n.a	897	34.34
Cara Waktu Selamat / *Rhythm*	n.a	n.a	36	1.05	n.a	n.a	29	1.11
Lain-Lain/*Other*	4,823	4.00	462	13.49	4,643	3.68	364	13.94
Jumlah/*Total*	**120,697**	**100.00**	**3,426**	**100.00**	**126,086**	**100.00**	**2,612**	**100.00**

Nota/*Note:*
[1]Termasuk data dari Kementerian Pertahanan Malaysia
[1]Include data from Mindef

PUNCA: LEMBAGA PENDUDUK DAN PEMBANGUNAN KELUARGA NEGARA
Source : National Population and Family Development Board

JADUAL 4.57 : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR DENGAN SISTEM BEKALAN AIR SELAMAT MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2019

Table 4.57 : Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as at 31 December 2019

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 *Houses in Rural Area Covered with Safe Water Supply*	
		BILANGAN RUMAH *Number of Houses*	PERATUS *Percentage*
Johor	108,694	106,638	98.11
Kedah	204,577	197,615	96.60
Kelantan	210,552	189,088	89.81
Melaka	59,988	59,988	100.00
Negeri Sembilan	60,728	60,429	99.51
Pahang	93,832	90,994	96.98
Perak	128,764	128,039	99.44
Perlis	33,454	33,093	98.92
Pulau Pinang	62,800	59,913	95.40
Sabah	143,144	134,902	94.24
Sarawak	142,665	135,268	94.82
Selangor	80,507	76,166	94.61
Terengganu	163,841	161,733	98.71
MALAYSIA	**1,493,546**	**1,433,866**	**96.00**

Nota/*Note :*
[1]Merujuk kepada data Bancian Luar Bandar BAKAS
[1]Refers to Rural Area Census data from BAKAS

PUNCA: 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 2019

Table 4.58 : Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as at 31 December 2019

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	108,694	106,154	97.66
Kedah	204,577	199,240	97.39
Kelantan	210,552	206,666	98.15
Melaka	59,988	59,988	100.00
Negeri Sembilan	60,728	60,066	98.91
Pahang	93,832	90,034	95.95
Perak	128,764	125,797	97.70
Perlis	33,454	32,953	98.50
Pulau Pinang	62,800	58,699	93.47
Sabah	143,144	121,497	84.88
Sarawak	142,665	125,871	88.23
Selangor	80,507	72,030	89.47
Terengganu	163,841	163,621	99.87
MALAYSIA	**1,493,546**	**1,422,616**	**95.25**

Nota/*Note :*
[1]Merujuk kepada data Bancian Luar Bandar BAKAS
[1]Refers to Rural Area Census data from BAKAS

PUNCA: 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 2019

Table 4.59 : Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as at 31 December 2019

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	108,694	102,908	94.68
Kedah	204,577	150,800	73.71
Kelantan	210,552	93,302	44.31
Melaka	59,988	53,441	89.09
Negeri Sembilan	60,728	49,835	82.06
Pahang	93,832	61,264	65.29
Perak	128,764	78,240	60.76
Perlis	33,454	20,800	62.17
Pulau Pinang	62,800	32,210	51.29
Sabah	143,144	79,380	55.45
Sarawak	142,665	87,275	61.17
Selangor	80,507	66,311	82.37
Terengganu	163,841	132,821	81.07
MALAYSIA	**1,493,546**	**1,008,587**	**67.53**

Nota/*Note :*
[1]Merujuk kepada data Bancian Luar Bandar BAKAS
[1]Refers to Rural Area Census data from BAKAS

PUNCA: 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 2019

Table 4.60 : Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as at 31 December 2019

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	108,694	103,660	95.37
Kedah	204,577	165,579	80.94
Kelantan	210,552	113,602	53.95
Melaka	59,988	53,907	89.86
Negeri Sembilan	60,728	51,083	84.12
Pahang	93,832	61,184	65.21
Perak	128,764	77,105	59.88
Perlis	33,454	19,901	59.49
Pulau Pinang	62,800	53,738	85.57
Sabah	143,144	89,833	62.76
Sarawak	142,665	78,240	54.84
Selangor	80,507	67,515	83.86
Terengganu	163,841	140,579	85.80
MALAYSIA	**1,493,546**	**1,075,926**	**72.04**

Nota/*Note :*
[1]Merujuk kepada data Bancian Luar Bandar BAKAS
[1]Refers to Rural Area Census data from BAKAS

PUNCA: 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, 2019

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
PERLIS								
Hospital Tuanku Fauziah	508	508	76.49	34,625	94.86	1,060	4.09	1.26
Jumlah Negeri / *State Total*	**508**	**508**	**76.49**	**34,625**	**94.86**	**1,060**	**4.09**	**1.26**
KEDAH								
Hospital Baling	115	115	55.06	11,186	30.65	122	2.06	1.68
Hospital Jitra	91	91	63.68	8,091	22.17	113	2.62	1.50
Hospital Kuala Nerang	89	72	51.65	5,273	14.45	60	2.57	2.41
Hospital Kulim	320	320	87.20	31,960	87.56	720	3.18	0.47
Hospital Langkawi	110	110	96.22	10,193	27.93	182	3.77	0.15
Hospital Sik	93	93	43.89	6,751	18.50	72	2.21	2.82
Hospital Sultan Abdul Halim	696	694	88.24	53,619	146.90	1,573	4.17	0.56
Hospital Sultanah Bahiyah	1,108	1,108	86.66	80,825	221.44	1,980	4.31	0.66
Hospital Yan	89	89	46.33	5,884	16.12	78	2.55	2.96
Jumlah Negeri / *State Total*	**2,711**	**2,692**	**81.65**	**213,782**	**585.70**	**4,900**	**3.74**	**0.84**

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
PULAU PINANG								
Hospital Balik Pulau	81	81	52.84	4,402	12.06	47	3.55	3.17
Hospital Bukit Mertajam	242	242	67.12	17,454	47.82	621	3.39	1.66
Hospital Kepala Batas	134	134	73.20	13,923	38.15	303	2.57	0.94
Hospital Pulau Pinang	1,158	1,158	71.03	60,254	165.08	2,505	4.94	2.01
Hospital Seberang Jaya	393	393	96.08	37,488	102.71	931	3.68	0.15
Hospital Sungai Bakap	105	105	50.84	5,301	14.52	167	3.68	3.55
Jumlah Negeri / *State Total*	**2,113**	**2,113**	**73.68**	**138,822**	**380.33**	**4,574**	**4.08**	**1.46**
PERAK								
Hospital Bahagia Ulu Kinta	1,800	1,800	69.51	2,304	6.31	51	193.76	84.98
Hospital Batu Gajah	160	148	51.53	8,686	23.80	224	3.20	3.01
Hospital Changkat Melintang	50	50	34.80	2,745	7.52	16	2.31	4.33
Hospital Gerik	75	75	46.63	4,464	12.23	56	2.87	3.28
Hospital Kampar	90	68	57.32	5,131	14.06	139	2.77	2.06
Hospital Kuala Kangsar	136	136	45.87	7,904	21.65	129	2.88	3.39
Hospital Parit Buntar	100	100	49.55	8,444	23.13	170	2.14	2.18

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
Hospital Raja Permaisuri Bainun	990	990	74.87	71,661	196.33	2,395	3.77	1.27
Hospital Selama	90	90	37.34	3,390	9.29	54	3.59	6.02
Hospital Seri Manjung	305	305	79.71	33,055	90.56	761	2.69	0.68
Hospital Slim River	250	168	54.37	10,591	29.02	262	3.16	2.65
Hospital Sungai Siput	93	93	45.66	4,586	12.56	96	3.39	4.04
Hospital Taiping	608	608	74.44	48,325	132.40	1,407	3.42	1.17
Hospital Tapah	100	100	36.85	5,350	14.66	72	2.50	4.29
Hospital Teluk Intan	548	548	53.95	30,777	84.32	976	3.51	2.99
Jumlah Negeri / *State Total*	**5,395**	**5,279**	**65.69**	**247,413**	**677.84**	**6,808**	**5.11**	**2.67**
SELANGOR								
Hospital Ampang	701	691	80.47	51,889	142.16	1,255	3.90	0.95
Hospital Banting	162	162	86.37	17,162	47.02	295	2.98	0.47
Hospital Kajang	326	326	101.66	35,247	96.57	919	3.43	-0.06
Hospital Kuala Kubu Baru	120	120	55.27	7,866	21.55	94	3.08	2.49
Hospital Orang Asli Gombak	93	80	15.15	473	1.30	3	9.20	51.51
Hospital Selayang	1,008	994	0.00	0	0.00	0	0.00	0.00

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
Hospital Serdang	694	638	100.06	54,200	148.49	1,458	4.30	0.00
Hospital Shah Alam	382	352	93.71	34,949	95.75	562	3.45	0.23
Hospital Sungai Buloh	825	783	83.89	50,178	137.47	1,353	4.69	0.90
Hospital Tanjung Karang	114	112	39.70	6,148	16.84	119	2.64	4.00
Hospital Tengku Ampuan Jemaah, Sabak Bernam	93	93	37.50	5,609	15.37	141	2.27	3.79
Hospital Tengku Ampuan Rahimah, Klang	1,221	1,221	88.08	90,900	249.04	2,122	4.33	0.59
Pusat Kawalan Kusta Negara	80	80	68.09	49	0.13	7	361.47	169.44
Jumlah Negeri / *State Total*	**5,819**	**5,652**	**69.71**	**354,670**	**971.70**	**8,328**	**4.05**	**1.76**
WILAYAH PERSEKUTUAN KUALA LUMPUR								
Hospital Kuala Lumpur	2,125	2,125	67.31	103,721	284.17	3,089	5.05	2.45
Hospital Rehabilitasi Cheras	166	132	39.44	1,289	3.53	1	14.82	22.76
Institut Perubatan Respiratori	118	118	48.34	3,314	9.08	47	6.30	6.74
Jumlah Negeri / *State Total*	**2,409**	**2,375**	**64.82**	**108,324**	**296.78**	**3,137**	**5.21**	**2.83**

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
WILAYAH PERSEKUTUAN PUTRAJAYA								
Hospital Putrajaya	369	397	73.29	32,264	88.39	416	3.30	1.20
Institut Kanser Negara	252	224	61.52	10,771	29.51	439	4.67	2.92
Jumlah Negeri / *State Total*	**621**	**621**	**69.05**	**43,035**	**117.90**	**855**	**3.64**	**1.63**
WILAYAH PERSEKUTUAN LABUAN								
Hospital Labuan	122	122	59.04	8,422	23.07	148	3.13	2.17
Jumlah Negeri / *State Total*	**122**	**122**	**59.04**	**8,422**	**23.07**	**148**	**3.13**	**2.17**
NEGERI SEMBILAN								
Hospital Jelebu	76	76	56.52	3,319	9.09	48	4.71	3.62
Hospital Jempol	108	104	55.79	7,077	19.39	98	3.01	2.38
Hospital Port Dickson	116	116	88.79	11,532	31.59	190	3.25	0.41
Hospital Tampin	105	105	61.13	8,942	24.50	110	2.62	1.67
Hospital Tuanku Ampuan Najihah	314	314	73.39	24,496	67.11	656	3.44	1.25
Hospital Tuanku Jaafar	1,143	1,143	78.40	77,034	211.05	1,997	4.25	1.17
Jumlah Negeri / *State Total*	**1,862**	**1,858**	**75.07**	**132,400**	**362.74**	**3,099**	**3.85**	**1.28**

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
MELAKA								
Hospital Alor Gajah	104	104	79.91	8,563	23.46	180	3.55	0.89
Hospital Jasin	90	90	72.14	6,921	18.96	114	3.40	1.31
Hospital Melaka	1,091	1,091	75.39	74,784	204.89	1,976	3.89	1.27
Jumlah Negeri / *State Total*	**1,285**	**1,285**	**75.53**	**90,268**	**247.31**	**2,270**	**3.82**	**1.24**
JOHOR								
Hospital Enche' Besar Hajjah Khalsom	268	268	118.85	31,978	87.61	871	3.64	-0.58
Hospital Kota Tinggi	158	158	54.91	12,445	34.10	209	2.55	2.09
Hospital Mersing	70	70	53.29	4,804	13.16	121	2.83	2.48
Hospital Pakar Sultanah Fatimah, Muar	550	550	74.55	44,750	122.60	1,205	3.34	1.14
Hospital Permai	1,132	1,132	58.07	1,786	4.89	30	147.19	106.29
Hospital Pontian	120	120	58.62	12,743	34.91	205	2.02	1.43
Hospital Segamat	314	314	69.43	23,980	65.70	636	3.33	1.47
Hospital Sultan Ismail, Johor Bahru	704	770	82.68	60,856	166.73	1,850	3.83	0.80
Hospital Sultanah Aminah, Johor Bahru	1,206	1,206	87.90	102,368	280.46	2,986	3.79	0.52

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
Hospital Sultanah Nora Ismail	516	516	82.46	48,026	131.58	1,203	3.23	0.69
Hospital Tangkak	69	69	42.11	4,857	13.31	52	2.18	3.00
Hospital Temenggong Seri Maharaja Tun Ibrahim, Kulai	93	93	78.39	13,769	37.72	182	1.94	0.53
Jumlah Negeri / *State Total*	**5,200**	**5,266**	**76.38**	**362,362**	**992.77**	**9,550**	**4.06**	**1.25**
PAHANG								
Hospital Bentong	152	152	45.46	8,711	23.87	157	2.89	3.47
Hospital Jengka	70	70	65.39	6,697	18.35	109	2.50	1.33
Hospital Jerantut	77	77	52.58	6,452	17.68	117	2.29	2.07
Hospital Kuala Lipis	168	168	83.84	13,558	37.15	280	3.79	0.73
Hospital Muadzam Shah	49	49	53.55	4,745	13.00	43	2.02	1.75
Hospital Pekan	110	110	59.96	7,840	21.48	74	3.02	2.02
Hospital Raub	89	89	44.63	5,789	15.86	94	2.51	3.11
Hospital Rompin	60	60	45.83	4,103	11.24	53	2.44	2.89
Hospital Sultan Haji AhmadShah,Temerloh	650	650	67.47	45,725	125.27	1,081	3.50	1.69

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
Hospital Sultanah Hajjah Kalsom	40	40	36.36	2,069	5.67	9	2.56	4.48
Hospital Tengku Ampuan Afzan, Kuantan	851	851	78.13	56,339	154.35	1,440	4.34	1.21
Jumlah Negeri / *State Total*	**2,316**	**2,316**	**67.95**	**162,028**	**443.91**	**3,457**	**3.55**	**1.67**
TERENGGANU								
Hospital Besut	140	140	62.49	14,238	39.01	94	2.24	1.34
Hospital Dungun	100	100	58.54	11,012	30.17	68	1.94	1.37
Hospital Hulu Terengganu	125	125	49.39	7,671	21.02	72	2.94	3.01
Hospital Kemaman	150	150	105.88	20,376	55.82	405	2.84	-0.16
Hospital Setiu	76	76	62.56	8,552	23.43	58	2.03	1.22
Hospital Sultanah Nur Zahirah	1,107	1,107	75.22	87,438	239.56	2,012	3.48	1.15
Jumlah Negeri / *State Total*	**1,698**	**1,698**	**73.43**	**149,287**	**409.01**	**2,709**	**3.05**	**1.10**

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
KELANTAN								
Hospital Gua Musang	90	90	62.70	8,030	22.00	63	2.58	1.53
Hospital Jeli	80	80	47.28	5,445	14.92	30	2.54	2.83
Hospital Kuala Krai	268	268	77.36	19,829	54.33	396	3.81	1.11
Hospital Machang	90	90	72.50	9,914	27.16	78	2.40	0.91
Hospital Pasir Mas	120	120	68.29	11,600	31.78	145	2.58	1.20
Hospital Raja Perempuan Zainab II	982	982	83.61	69,956	191.66	1,958	4.29	0.84
Hospital Tanah Merah	133	133	92.31	15,340	42.03	229	2.92	0.24
Hospital Tengku Anis, Pasir Puteh	75	75	80.06	8,435	23.11	90	2.60	0.65
Hospital Tumpat	120	120	62.96	9,097	24.92	123	3.02	1.78
Jumlah Negeri / *State Total*	**1,958**	**1,958**	**78.05**	**157,646**	**431.91**	**3,112**	**3.54**	**1.00**
SABAH								
Hospital Beaufort	184	184	32.83	7,411	20.30	77	2.97	6.07
Hospital Beluran	52	52	40.10	2,668	7.31	16	2.86	4.28
Hospital Duchess of Kent	400	389	73.16	35,503	97.27	725	2.96	1.09
Hospital Keningau	212	212	79.73	17,953	49.19	360	3.44	0.88

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
Hospital Kinabatangan	68	68	32.45	3,341	9.15	14	2.40	4.99
Hospital Kota Belud	172	172	40.81	7,239	19.83	106	3.54	5.14
Hospital Kota Marudu	97	97	65.21	7,449	20.41	75	3.11	1.66
Hospital Kuala Penyu	48	48	40.83	2,399	6.57	21	2.98	4.32
Hospital Kudat	180	152	44.71	7,809	21.39	79	3.18	3.94
Hospital Kunak	48	48	50.94	3,136	8.59	20	2.84	2.73
Hospital Lahad Datu	268	231	66.97	15,187	41.61	307	3.72	1.83
Hospital Mesra Bukit Padang	270	270	0.66	47	0.13	0	64.90	9,790.10
Hospital Papar	77	77	43.63	5,008	13.72	61	2.45	3.17
Hospital Pitas	72	72	74.60	5,558	15.23	50	3.53	1.20
Hospital Queen Elizabeth	775	684	77.94	29,135	79.82	1,428	6.75	1.91
Hospital Queen Elizabeth II	400	251	72.15	11,057	30.29	408	6.00	2.31
Hospital Ranau	110	110	51.11	8,935	24.48	88	2.29	2.20
Hospital Semporna	70	70	63.34	7,600	20.82	55	2.13	1.23
Hospital Sipitang	93	93	27.31	3,443	9.43	43	2.70	7.18
Hospital Tambunan	49	49	34.61	2,396	6.56	39	2.58	4.87

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
Hospital Tawau	401	401	67.43	26,736	73.25	728	3.70	1.79
Hospital Tenom	70	63	36.36	3,523	9.65	30	2.38	4.17
Hospital Tuaran	76	88	65.51	7,203	19.73	83	2.90	1.53
Hospital Wanita dan Kanak-Kanak, Likas	644	642	61.06	46,184	126.53	220	3.05	1.95
Jumlah Negeri / *State Total*	**4,836**	**4,523**	**58.51**	**266,920**	**731.29**	**5,033**	**3.62**	**2.57**
SARAWAK								
Hospital Bau	68	68	51.69	3,580	9.81	56	3.59	3.36
Hospital Betong	58	58	33.63	2,839	7.78	21	2.50	4.94
Hospital Bintulu	294	294	80.06	22,275	61.03	444	3.87	0.96
Hospital Dalat	8	8	59.76	730	2.00	1	2.40	1.62
Hospital Daro	46	46	22.42	1,708	4.68	23	2.20	7.60
Hospital Kanowit	100	100	25.28	2,020	5.53	29	4.57	13.50
Hospital Kapit	134	134	57.81	7,929	21.72	104	3.56	2.60
Hospital Lawas	46	41	42.01	2,192	6.01	48	2.87	3.96
Hospital Limbang	100	100	0.19	38	0.10	0	2.65	1,401.19

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
Hospital Lundu	46	46	38.08	2,266	6.21	42	2.84	4.61
Hospital Marudi	54	54	22.58	1,053	2.88	16	4.23	14.51
Hospital Miri	349	349	83.68	28,889	79.15	929	3.69	0.72
Hospital Mukah	80	80	27.46	3,490	9.56	57	2.30	6.07
Hospital Rajah Charles Brooke Memorial	20	20	24.38	3	0.01	0	593.33	1,840.00
Hospital Saratok	106	94	21.31	2,654	7.27	39	2.76	10.20
Hospital Sarikei	212	182	59.22	12,050	33.01	257	3.27	2.25
Hospital Sentosa	343	343	60.17	953	2.61	2	80.91	53.56
Hospital Serian	84	84	49.16	6,025	16.51	79	2.51	2.60
Hospital Sibu	662	662	71.16	38,156	104.54	1,008	4.51	1.83
Hospital Simunjan	42	42	23.25	1,484	4.07	11	2.40	7.92
Hospital Sri Aman	96	96	46.22	5,675	15.55	56	2.85	3.31
Hospital Umum Sarawak	1,007	1,007	87.32	65,518	179.50	1,967	4.90	0.71
Pusat Jantung Sarawak	128	128	68.96	4,926	13.50	166	6.53	2.94
Jumlah Negeri / *State Total*	**4,083**	**4,036**	**65.46**	**216,453**	**593.02**	**5,355**	**4.46**	**2.35**
MALAYSIA	**42,936**	**42,302**	**70.01**	**2,686,457**	**7,360.16**	**64,395**	**4.02**	**1.72**

JADUAL 4.61 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2019 (SAMB.)

Table 4.61 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2019 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI *State and Location of Hospitals and Institutions*	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*						
INSTITUSI PERUBATAN KHAS/ *Special Medical Institution*								
Hospital Bahagia	1,800	1,800	69.51	2,304	6.31	51	193.76	84.98
Hospital Mesra Bukit Padang	270	270	0.66	47	0.13	0	64.90	9,790.10
Hospital Permai	1,132	1,132	58.07	1,786	4.89	30	147.19	106.29
Hospital Rehabilitasi Cheras	166	132	39.44	1,289	3.53	1	14.82	22.76
Hospital Sentosa	343	343	60.17	953	2.61	2	80.91	53.56
Hospital Wanita dan Kanak-Kanak, Likas	644	642	61.06	46,184	126.53	220	3.05	1.95
Institut Kanser Negara	252	224	61.52	10,771	29.51	439	4.67	2.92
Institut Perubatan Respiratori	118	118	48.34	3,314	9.08	47	6.30	6.74
Pusat Kawalan Kusta Negara	80	80	68.09	49	0.13	7	361.47	169.44
Jumlah / *Total*	**4,805**	**4,741**	**59.27**	**66,697**	**182.73**	**797**	**15.27**	**10.49**

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

JADUAL 4.62 : LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH, MALAYSIA, 2019

Table 4.62 : Coverage of School Children Treated Under Oral Health Care and Percentage Given All Required Oral Health Treatment, Malaysia, 2019

NEGERI *State*	ENROLMEN MURID SEKOLAH *School Children Enrolment*	KEDATANGAN BARU *New Attendances*	LIPUTAN *Coverage* %	MURID SEKOLAH YANG DIBERI RAWATAN PENUH (PERGIGIAN) *School Children Completed All Required Treatment (Oral Health)*	
				BILANGAN *Number*	LIPUTAN *Coverage (%)*
Johor	569,143	563,951	99.09	547,804	96.25
Kedah	329,013	327,948	99.68	320,043	97.27
Kelantan	311,334	307,887	98.89	296,837	95.34
Melaka	143,019	142,770	99.83	140,052	97.93
Negeri Sembilan	182,930	181,694	99.32	178,598	97.63
Pahang	253,649	252,825	99.68	246,165	97.05
Perak	367,104	366,174	99.75	359,955	98.05
Perlis	43,052	42,950	99.76	41,659	96.76
Pulau Pinang	227,553	226,849	99.69	220,995	97.12
Sabah	454,971	442,890	97.34	412,684	90.71
Sarawak	425,980	399,266	93.73	364,066	85.47
Selangor	880,840	865,266	98.23	817,905	92.86
Terengganu	229,202	227,553	99.28	220,925	96.39
W.P. Kuala Lumpur	214,560	213,096	99.32	206,754	96.36
W.P. Labuan	14,789	14,744	99.70	14,201	96.02
W.P. Putrajaya	27,272	27,239	99.88	26,430	96.91
MALAYSIA	**4,674,411**	**4,603,102**	**98.47**	**4,415,073**	**94.45**

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

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