PETUNJUK KESIHATAN
HEALTH INDICATORS
2019

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-35 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 Penilaian (Common Framework for Evaluation (CFE)) dalam tahun 1985. Pengawasan kedua dijalankan pada tahun 1988, juga diikuti dengan penilaian dalam tahun 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 mendapat 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 35th 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 modified to ensure that it was adequate. In the course of the global reviews, the list of indicator 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 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 form of policy statements) are to be found in the national indicators either in their basic form or adaptations of these.

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

These indicators should be used to monitor and evaluate 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), Institut Perubatan Respiratori (1), Hospital Rehabilitasi (1), Hospital Wanita dan Kanak-Kanak (1), Institut Kanser Negara (1) dan Institut 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);
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 (estimated figure)

2. Demographic Indicators

2.1 Perinatal death rate
Refers to stillbirths and deaths of infants aged less than 1 week 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 live births

2.7 *Maternal mortality ratio*

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

2.8 *Total dependency ratio*

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

2.9 *Sex ratio*

Refers to the number of males per 100 females

2.10 *Life expectancy at birth*

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

3. *Special Medical Institutions*

Refers to National Leprosy Control Centre (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 obtained from Departments of Statistics, Malaysia (DOSM);

ii. Live births collected based on the National Tuberculosis Information System Manual (Edition 2004), TBIS

5. *Notes and 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

Sosial 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 2018

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 2018

NEGERI *State*	LELAKI *Male*	PEREMPUAN *Female*	JUMLAH *Total*
Johor	168,818	159,275	328,093
Kedah	96,708	93,089	189,797
Kelantan	87,444	83,962	171,406
Melaka	42,159	39,955	82,114
Negeri Sembilan	52,485	50,054	102,539
Pahang	74,776	70,922	145,698
Perak	102,982	97,647	200,629
Perlis	11,982	11,266	23,248
Pulau Pinang	66,947	63,243	130,190
Sabah	142,752	134,831	277,583
Sarawak	126,369	118,572	244,941
Selangor	265,678	252,710	518,388
Terengganu	64,688	61,777	126,465
W.P. Kuala Lumpur	64,934	62,699	127,633
W.P. Labuan	4,631	4,434	9,065
W.P. Putrajaya	8,619	8,371	16,990
MALAYSIA	**1,381,972**	**1,312,807**	**2,694,779**

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 enrolment 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 2018

Table 1.2 : Enrolment at Lower Secondary Level (Form 3) in Government and Government Aided School by Sex and State, Malaysia as of 30 Jun 2018

NEGERI *State*	LELAKI *Male*	PEREMPUAN *Female*	JUMLAH *Total*
Johor	23,289	23,394	46,683
Kedah	13,906	14,330	28,236
Kelantan	11,139	11,450	22,589
Melaka	6,087	6,045	12,132
Negeri Sembilan	7,820	7,998	15,818
Pahang	9,579	9,597	19,176
Perak	15,762	15,780	31,542
Perlis	1,766	1,854	3,620
Pulau Pinang	9,718	9,949	19,667
Sabah	18,406	18,500	36,906
Sarawak	18,664	18,167	36,831
Selangor	34,523	35,224	69,747
Terengganu	9,026	9,200	18,226
W.P. Kuala Lumpur	8,414	8,298	16,712
W.P. Labuan	569	534	1,103
W.P. Putrajaya	868	703	1,571
MALAYSIA	**189,536**	**191,023**	**380,559**

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 NEGERI, JANTINA DAN MALAYSIA SEPERTI PADA 30 JUN 2018

Table 1.3 : Enrolment at Upper Secondary Level (Form 5) in Government and Government-Aided School by Sex and State, Malaysia as of 30 Jun 2018

NEGERI *State*	LELAKI *Male*	PEREMPUAN *Female*	JUMLAH *Total*
Johor	22,603	23,894	46,497
Kedah	13,510	14,937	28,447
Kelantan	11,003	12,082	23,085
Melaka	6,024	6,273	12,297
Negeri Sembilan	7,726	8,055	15,781
Pahang	9,521	9,680	19,201
Perak	15,677	16,601	32,278
Perlis	1,783	1,892	3,675
Pulau Pinang	9,382	10,292	19,674
Sabah	17,194	18,383	35,577
Sarawak	16,395	17,839	34,234
Selangor	31,960	34,817	66,777
Terengganu	8,825	9,604	18,429
W.P. Kuala Lumpur	8,233	8,584	16,817
W.P. Labuan	537	531	1,068
W.P. Putrajaya	720	571	1,291
MALAYSIA	**181,093**	**194,035**	**375,128**

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, 2018
Table 1.4 : Gross Domestic Product, Gross National Income and Estimated Population, Malaysia, 2018

Keluaran Dalam Negeri Kasar (KDNK) (Harga Malar 2015 (Dalam Juta) *Gross Domestic Product (GDP)(Constant 2015 prices) (In million)*	RM 1,361,533
Per Kapita KDNK (Harga Malar 2015) *Per Capita GDP (Constant 2015 prices)*	RM 42,042
Pendapatan Negara Kasar (Harga Semasa) (Dalam Juta) *Gross National income (Current prices)*	RM 1,395,528
Pendapatan Per Kapita (Harga Semasa) *Per Capita Income (Current prices)*	RM 40,086
Anggaran Penduduk Semasa (Dalam Juta)[e] *Current Population Estimates (In Million)[e]*	32.4

Punca : Jabatan Perangkaan Malaysia
Source : Department of Statistics, Malaysia

JADUAL 1.5 : KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2016 - 2018
Table 1.5 : Annual Population Growth Rate, Malaysia, 2016 - 2018

TAHUN *Year*	JUMLAH *Total*	LELAKI *Male*	PEREMPUAN *Female*
2016	1.42	1.44	1.40
2017	1.22	1.19	1.25
2018	1.13	1.08	1.18

Punca : Jabatan Perangkaan Malaysia
Source : Department of Statistics, Malaysia

JADUAL 1.6 : PENDUDUK MENGIKUT JANTINA, STRATA DAN NEGERI, MALAYSIA, 2018
Table 1.6 : Population by Sex, Strata and State, Malaysia, 2018

NEGERI *State*	PENDUDUK *Population* ('000)			PENDUDUK BANDAR *Urban Population* ('000)		PENDUDUK LUAR BANDAR *Rural Population* ('000)	
	JUMLAH *Total*	LELAKI *Male*	PEREMPUAN *Female*	BILANGAN *Number*	PERATUS *Percentage*	BILANGAN *Number*	PERATUS *Percentage*
Johor	3,742.2	1,974.0	1,768.2	2,883.9	77.1	858.2	22.9
Kedah	2,163.7	1,099.9	1,063.8	1,549.1	71.6	614.6	28.4
Kelantan	1,856.8	935.8	921.0	921.7	49.6	935.1	50.4
Melaka	922.2	463.2	459.0	867.2	94.0	55.0	6.0
Negeri Sembilan	1,130.1	584.0	546.0	830.9	73.5	299.1	26.5
Pahang	1,665.7	889.4	776.3	947.2	56.9	718.5	43.1
Perak	2,504.9	1,270.7	1,234.2	1,890.9	75.5	614.0	24.5
Perlis	253.8	126.8	127.0	160.0	63.0	93.9	37.0
Pulau Pinang	1,766.8	883.8	883.0	1,678.1	95.0	88.6	5.0
Sabah	3,899.3	2,035.1	1,864.2	2,320.2	59.5	1,579.1	40.5
Sarawak	2,792.0	1,455.2	1,336.8	1,632.7	58.5	1,159.3	41.5
Selangor	6,472.4	3,362.6	3,109.9	6,036.5	93.3	435.9	6.7
Terengganu	1,230.4	628.0	602.4	808.4	65.7	422.0	34.3
W.P. Kuala Lumpur	1,795.2	920.5	874.7	1,795.2	100.0	0.0	0.0
W.P. Labuan	99.2	50.1	49.1	84.2	84.9	15.0	15.1
W.P. Putrajaya	90.4	42.5	48.0	90.4	100.0	0.0	0.0
MALAYSIA	**32,385.0**	**16,721.6**	**15,663.4**	**24,496.7**	**75.6**	**7,888.3**	**24.4**

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, 2018

Table 1.7 : Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2018

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	23.6	69.5	6.9	43.9	112
Kedah	24.7	67.6	7.7	47.9	103
Kelantan	30.0	63.6	6.4	57.2	102
Melaka	22.9	69.0	8.1	44.8	101
Negeri Sembilan	23.1	69.2	7.7	44.4	107
Pahang	25.4	67.6	7.0	48.0	115
Perak	21.7	68.1	10.2	46.8	103
Perlis	24.4	66.7	8.9	49.8	100
Pulau Pinang	19.4	72.2	8.4	38.5	100
Sabah	23.7	73.0	3.3	36.9	109
Sarawak	23.3	69.4	7.3	44.0	109
Selangor	23.4	71.6	5.0	39.7	108
Terengganu	30.2	64.2	5.6	55.7	104
W.P. Kuala Lumpur	20.3	73.0	6.7	37.1	105
W.P. Labuan	27.0	68.9	4.1	45.2	102
W.P. Putrajaya	38.5	60.1	1.4	66.5	89
MALAYSIA	**23.8**	**69.7**	**6.5**	**43.4**	**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 - 2018
Table 1.8 : Literacy Rate[1] by Age Group and Sex, Malaysia, 2013 - 2018

TAHUN *Year*	BERUMUR 10 TAHUN DAN KEATAS *Aged 10 Years And Above*			BERUMUR 15 TAHUN DAN KEATAS *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

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 : Jabatan Perangkaan Malaysia
Source : Department of Statistics, Malaysia

JADUAL 1.9 : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2013 - 2018
Table 1.9 : Life Expectancy at Birth by Sex, Malaysia, 2013 - 2018

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[p]	72.3	77.2
2018[e]	72.7	77.6

Nota/*Note:*
[p] **Permulaan**/*Preliminary*
[e] **Anggaran**/*Estimates*

Punca : Jabatan Perangkaan Malaysia
Source : Department of Statistics, Malaysia

JADUAL 1.10 : KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN, MALAYSIA, 2012 - 2017
Table 1.10 : Live Births by Birth Weight, Malaysia, 2012 - 2017

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	56,310	11.07	450,387	88.43	2,077	0.44	508,774	100.00
2013	57,474	11.41	445,067	88.32	1,373	0.27	503,914	100.00
2014	59,359	11.20	468,134	88.62	1,119	0.18	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

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, 2016 - 2017
Table 2.1 : Perinatal Deaths (Number and Rate) by State and Sex, Malaysia, 2016 - 2017*

NEGERI *State*	2016						2017					
	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	543	9.1	307	9.9	236	8.2	504	8.2	273	8.6	231	7.8
Kedah	294	8.1	151	8.1	143	8.1	301	8.2	160	8.4	141	7.9
Kelantan	366	9.5	187	9.4	179	9.5	363	9.2	215	10.6	148	7.7
Melaka	115	7.9	60	8.0	55	7.9	121	8.4	64	8.5	57	8.2
Negeri Sembilan	135	7.5	68	7.2	67	7.7	177	9.7	105	11.1	72	8.2
Pahang	239	8.6	131	9.1	108	8.1	254	9.2	153	10.8	101	7.5
Perak	331	9.2	179	9.6	152	8.8	297	8.5	164	9.1	133	7.8
Perlis	33	7.5	18	7.8	15	7.1	36	8.1	20	8.5	16	7.6
Pulau Pinang	205	9.4	101	9.0	104	9.7	169	7.8	93	8.4	76	7.3
Sabah	464	8.9	244	9.0	220	8.7	630	11.9	366	13.4	264	10.3
Sarawak	271	7.1	144	7.3	127	6.9	310	8.2	164	8.3	146	8.0
Selangor	773	7.4	399	7.4	374	7.4	797	7.6	439	8.1	358	7.1
Terengganu	227	8.2	121	8.5	106	7.9	236	8.4	136	9.5	100	7.2
W.P. Kuala Lumpur	219	8.5	115	8.6	104	8.3	223	9.0	136	10.6	87	7.2
W.P. Labuan	14	8.0	6	6.8	8	9.1	15	8.8	5	5.7	10	12.1
W.P. Putrajaya	17	6.6	10	7.4	7	5.7	16	6.3	8	6.2	8	6.5
MALAYSIA	**4,246**	**8.3**	**2,241**	**8.5**	**2,005**	**8.1**	**4,449**	**8.7**	**2,501**	**9.5**	**1,948**	**7.9**

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, 2016 - 2017
Table 2.2 : Stillbirths (Number and Rate) by State and Sex, Malaysia, 2016 - 2017*

NEGERI *State*	2016						2017					
	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	322	5.4	179	5.8	143	4.9	302	4.9	164	5.2	138	4.7
Kedah	178	4.9	90	4.9	88	5.0	195	5.3	109	5.7	86	4.8
Kelantan	224	5.8	110	5.5	114	6.1	224	5.7	138	6.8	86	4.5
Melaka	66	4.6	32	4.2	34	4.9	71	4.9	38	5.1	33	4.7
Negeri Sembilan	76	4.2	37	3.9	39	4.5	98	5.4	58	6.1	40	4.6
Pahang	152	5.5	80	5.5	72	5.4	158	5.7	89	6.3	69	5.1
Perak	211	5.9	110	5.9	101	5.9	170	4.9	96	5.3	74	4.4
Perlis	22	5.0	13	5.6	9	4.3	25	5.6	13	5.5	12	5.7
Pulau Pinang	123	5.6	58	5.2	65	6.1	111	5.1	55	5.0	56	5.3
Sabah	323	6.2	169	6.2	154	6.1	386	7.3	225	8.2	161	6.3
Sarawak	171	4.5	88	4.5	83	4.5	193	5.1	99	5.0	94	5.2
Selangor	484	4.6	244	4.5	240	4.7	518	5.0	299	5.5	219	4.3
Terengganu	139	5.0	69	4.8	70	5.2	154	5.5	86	6.0	68	4.9
W.P. Kuala Lumpur	144	5.6	76	5.7	68	5.4	147	5.9	94	7.3	53	4.4
W.P. Labuan	8	4.5	3	3.4	5	5.7	11	6.5	4	4.6	7	8.5
W.P. Putrajaya	5	1.9	4	3.0	1	0.8	6	2.4	1	0.8	5	4.1
MALAYSIA	**2,648**	**5.2**	**1,362**	**5.2**	**1,286**	**5.2**	**2,769**	**5.4**	**1,568**	**5.9**	**1,201**	**4.9**

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, 2016 - 2017
Table 2.3 : Neonatal Deaths (Number and Rate) by State and Sex, Malaysia, 2016 - 2017*

NEGERI *State*	2016						2017					
	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	287	4.8	164	5.3	123	4.3	274	4.5	151	4.8	123	4.2
Kedah	171	4.8	89	4.8	82	4.7	140	3.8	70	3.7	70	4.0
Kelantan	193	5.0	104	5.2	89	4.8	198	5.1	106	5.3	92	4.8
Melaka	60	4.2	37	4.9	23	3.3	60	4.2	31	4.2	29	4.2
Negeri Sembilan	78	4.3	42	4.5	36	4.1	103	5.7	60	6.4	43	4.9
Pahang	119	4.3	65	4.5	54	4.1	130	4.7	79	5.6	51	3.8
Perak	157	4.4	91	4.9	66	3.9	161	4.6	89	5.0	72	4.3
Perlis	17	3.9	10	4.4	7	3.3	11	2.5	7	3.0	4	1.9
Pulau Pinang	101	4.6	54	4.8	47	4.4	83	3.9	50	4.5	33	3.2
Sabah	171	3.3	93	3.4	78	3.1	322	6.1	192	7.1	130	5.1
Sarawak	132	3.5	66	3.4	66	3.6	158	4.2	96	4.9	62	3.4
Selangor	380	3.6	206	3.8	174	3.4	386	3.7	201	3.7	185	3.7
Terengganu	120	4.4	70	4.9	50	3.8	114	4.1	70	4.9	44	3.2
W.P. Kuala Lumpur	105	4.1	54	4.1	51	4.1	94	3.8	55	4.3	39	3.2
W.P. Labuan	9	5.1	6	6.8	3	3.4	7	4.2	2	2.3	5	6.1
W.P. Putrajaya	14	5.4	8	6.0	6	4.9	12	4.8	7	5.4	5	4.1
MALAYSIA	**2,114**	**4.2**	**1,159**	**4.4**	**955**	**3.9**	**2,253**	**4.4**	**1,266**	**4.8**	**987**	**4.0**

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

Punca : Jabatan Perangkaan Malaysia
Source : Department of Statistics, Malaysia

JADUAL 2.4 : KEMATIAN BAYI (BILANGAN DAN KADAR*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2016 - 2017
Table 2.4 : Infant Deaths (Number and Rate) by State and Sex, Malaysia, 2016 - 2017*

NEGERI *State*	2016						2017					
	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	443	7.4	249	8.1	194	6.7	413	6.8	226	7.1	187	6.4
Kedah	254	7.1	133	7.2	121	6.9	215	5.9	106	5.6	109	6.2
Kelantan	298	7.7	160	8.1	138	7.4	302	7.7	160	8.0	142	7.5
Melaka	100	6.9	60	8.0	40	5.8	95	6.6	55	7.4	40	5.8
Negeri Sembilan	116	6.4	64	6.8	52	6.0	148	8.2	91	9.7	57	6.6
Pahang	204	7.4	106	7.4	98	7.4	205	7.4	123	8.7	82	6.1
Perak	245	6.9	143	7.7	102	6.0	242	6.9	134	7.5	108	6.4
Perlis	26	5.9	15	6.5	11	5.3	25	5.6	15	6.4	10	4.8
Pulau Pinang	141	6.5	72	6.4	69	6.5	125	5.8	71	6.4	54	5.2
Sabah	298	5.7	163	6.0	135	5.4	502	9.6	297	11.0	205	8.1
Sarawak	229	6.0	126	6.4	103	5.6	238	6.3	136	7.0	102	5.6
Selangor	643	6.1	351	6.5	292	5.8	620	6.0	329	6.1	291	5.8
Terengganu	199	7.2	113	8.0	86	6.5	173	6.2	100	7.1	73	5.3
W.P. Kuala Lumpur	159	6.2	85	6.4	74	5.9	160	6.5	85	6.7	75	6.2
W.P. Labuan	14	8.0	9	10.2	5	5.7	12	7.1	2	2.3	10	12.2
W.P. Putrajaya	21	8.2	13	9.7	8	6.5	21	8.3	9	6.9	12	9.8
MALAYSIA	**3,390**	**6.7**	**1,862**	**7.1**	**1,528**	**6.2**	**3,496**	**6.9**	**1,939**	**7.4**	**1,557**	**6.3**

Nota/*Note:*
*** Setiap 1,000 kelahiran** / *per 1,000 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, 2016 - 2017
Table 2.5 : Toddler Deaths 1 - 4 Years (Number and Rate) by State and Sex, Malaysia, 2016 - 2017*

NEGERI *State*	2016						2017					
	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	91	0.4	43	0.4	48	0.4	90	0.4	56	0.5	34	0.3
Kedah	54	0.4	28	0.4	26	0.4	53	0.4	29	0.4	24	0.3
Kelantan	69	0.4	33	0.4	36	0.5	61	0.4	33	0.4	28	0.4
Melaka	14	0.2	9	0.3	5	0.2	19	0.3	11	0.4	8	0.3
Negeri Sembilan	19	0.3	10	0.3	9	0.3	31	0.4	21	0.6	10	0.3
Pahang	50	0.4	28	0.5	22	0.4	52	0.5	29	0.5	23	0.4
Perak	63	0.4	33	0.5	30	0.4	54	0.4	29	0.4	25	0.4
Perlis	4	0.2	4	0.5	0	0	5	0.3	2	0.2	3	0.4
Pulau Pinang	33	0.4	18	0.4	15	0.3	25	0.3	17	0.4	8	0.2
Sabah	79	0.3	39	0.3	40	0.3	150	0.6	84	0.6	66	0.5
Sarawak	55	0.3	31	0.4	24	0.3	58	0.4	31	0.4	27	0.3
Selangor	133	0.3	72	0.3	61	0.3	132	0.3	72	0.3	60	0.3
Terengganu	37	0.4	20	0.4	17	0.3	37	0.4	21	0.4	16	0.3
W.P. Kuala Lumpur	32	0.3	22	0.4	10	0.2	30	0.3	17	0.3	13	0.3
W.P. Labuan	3	0.4	2	0.6	1	0.3	0	0	0	0	0	0
W.P. Putrajaya	7	0.6	6	1.0	1	0.2	2	0.2	1	0.2	1	0.2
MALAYSIA	**743**	**0.4**	**398**	**0.4**	**345**	**0.3**	**799**	**0.4**	**453**	**0.4**	**346**	**0.3**

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, 2016 - 2017
Table 2.6 : Under-5 mortality (Number and Rate) by State and Sex, Malaysia, 2016 - 2017*

NEGERI *State*	2016						2017					
	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	534	9.0	292	9.5	242	8.4	503	8.2	282	8.9	221	7.5
Kedah	308	8.6	161	8.7	147	8.4	268	7.3	135	7.1	133	7.5
Kelantan	367	9.5	193	9.7	174	9.3	363	9.3	193	9.6	170	8.9
Melaka	114	7.9	69	9.2	45	6.5	114	7.9	66	8.9	48	6.9
Negeri Sembilan	135	7.5	74	7.9	61	7.0	179	9.9	112	11.9	67	7.7
Pahang	254	9.2	134	9.3	120	9.1	257	9.3	152	10.8	105	7.8
Perak	308	8.6	176	9.5	132	7.7	296	8.5	163	9.1	133	7.9
Perlis	30	6.8	19	8.3	11	5.3	30	6.7	17	7.2	13	6.2
Pulau Pinang	174	8.0	90	8.1	84	7.9	150	7.0	88	8.0	62	6.0
Sabah	377	7.2	202	7.5	175	7.0	652	12.4	381	14.0	271	10.7
Sarawak	284	7.5	157	8.0	127	6.9	296	7.9	167	8.5	129	7.1
Selangor	776	7.4	423	7.8	353	7.0	752	7.2	401	7.5	351	7.0
Terengganu	236	8.6	133	9.4	103	7.7	210	7.5	121	8.5	89	6.5
W.P. Kuala Lumpur	191	7.4	107	8.1	84	6.7	190	7.7	102	8.0	88	7.3
W.P. Labuan	17	9.7	11	12.5	6	6.9	12	7.1	2	2.3	10	12.2
W.P. Putrajaya	28	10.9	19	14.2	9	7.3	23	9.1	10	7.7	13	10.7
MALAYSIA	**4,133**	**8.1**	**2,260**	**8.6**	**1,873**	**7.6**	**4,295**	**8.4**	**2,392**	**9.1**	**1,903**	**7.7**

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, 2016 - 2017
Table 2.7 : Maternal Deaths (Number and Ratio) by State, Malaysia, 2016 - 2017*

NEGERI *State*	2016		2017	
	BILANGAN *Number*	**NISBAH** *Ratio*	**BILANGAN** *Number*	**NISBAH** *Ratio*
Johor	16	26.9	15	24.6
Kedah	5	13.9	10	27.3
Kelantan	10	26.0	10	25.6
Melaka	4	27.8	4	27.8
Negeri Sembilan	1	5.5	4	22.1
Pahang	10	36.2	8	29.0
Perak	10	28.0	7	20.1
Perlis	0	0	1	22.5
Pulau Pinang	11	50.5	9	41.9
Sabah	30	57.6	14	26.7
Sarawak	6	15.8	8	21.2
Selangor	31	29.6	25	24.0
Terengganu	6	21.8	6	21.5
W.P. Kuala Lumpur	7	27.2	6	24.3
W.P. Labuan	1	57.1	0	0
W.P. Putrajaya	0	0	0	0
MALAYSIA	**148**	**29.1**	**127**	**25.0**

Nota/*Note:*
*** Setiap 100,000 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, 2016 - 2017
Table 2.8 : Deaths (Number and Rate) by Specific Age Groups, Malaysia, 2016 - 2017

KUMPULAN UMUR *Age Group*	2016						2017					
	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	3,390	6.4	1,862	5.9	1,528	5.4	3,496	6.9	1,939	7.4	1,557	6.3
1 – 4	743	0.4	398	0.3	345	0.3	799	0.4	453	0.4	346	0.3
5 – 9	578	0.2	338	0.2	240	0.2	618	0.2	354	0.3	264	0.2
10 – 14	733	0.3	486	0.2	247	0.2	774	0.3	505	0.4	269	0.2
15 – 19	2,032	0.7	1,611	0.3	421	0.3	1,860	0.6	1,433	1.0	427	0.3
20 – 24	2,466	0.8	1,860	0.4	606	0.3	2,318	0.7	1,745	1.0	573	0.4
25 – 29	2,340	0.7	1,680	0.4	660	0.4	2,465	0.8	1,758	1.0	707	0.5
30 – 34	3,242	1.2	2,240	0.8	1,002	0.7	3,156	1.1	2,201	1.5	955	0.7
35 – 39	3,974	1.8	2,755	1.2	1,219	1.0	3,855	1.7	2,637	2.2	1,218	1.1
40 – 44	5,228	2.7	3,573	1.8	1,655	1.6	5,250	2.7	3,595	3.6	1,655	1.8
45 – 49	7,133	4.1	4,810	2.7	2,323	2.5	7,427	4.2	4,883	5.5	2,544	2.9
50 – 54	10,353	6.5	6,798	4.6	3,555	4.2	10,579	6.6	6,849	8.4	3,730	4.7
55 – 59	13,630	10.1	8,682	7.5	4,948	6.9	14,275	10.3	9,031	12.8	5,244	7.7
60 – 64	16,122	15.5	10,129	11.6	5,993	10.8	16,907	15.6	10,510	19.3	6,397	11.8
65 – 69	17,650	22.5	10,685	17.5	6,965	16.3	18,532	22.7	11,230	27.9	7,302	17.7
70 – 74	17,758	36.2	10,436	29.1	7,322	27.0	19,001	36.0	11,117	43.5	7,884	28.9
75 - 79	19,405	58.7	10,431	51.5	8,974	47.6	20,151	60.2	10,775	68.2	9,376	53.0
80 - 84	16,944	101.5	7,858	101.8	9,086	94.3	18,106	100.3	8,431	100.6	9,675	100.1
85 dan Lebih *and over*	18,480	138.3	7,066	155.6	11,414	146.0	18,592	130.4	7,076	103.6	11,516	155.0
Tidak diketahui *Unknown*	NA	-	NA	-	NA	-	7	-	0	-	7	-
JUMLAH/*Total*	**162,201**	**5.1**	**93,698**	**4.5**	**68,503**	**4.1**	**168,168**	**5.3**	**96,522**	**5.8**	**71,646**	**4.6**

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

Punca : Jabatan Perangkaan Malaysia
Source : Department of Statistics, Malaysia

JADUAL 2.9 : KEMATIAN DAN KADAR KEMATIAN KASAR* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2016 - 2017
Table 2.9 : Deaths and Crude Death Rate by State and Sex, Malaysia, 2016 - 2017*

NEGERI *State*	2016						2017					
	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	19,924	5.5	11,674	6.0	8,250	4.8	20,662	5.6	12,076	6.2	8,586	4.9
Kedah	13,771	6.5	7,734	7.2	6,037	5.8	14,332	6.7	8,049	7.4	6,283	6.0
Kelantan	10,809	6.0	6,111	6.7	4,698	5.3	11,203	6.1	6,284	6.8	4,919	5.4
Melaka	5,186	5.8	2,915	6.4	2,271	5.1	5,523	6.0	3,092	6.7	2,431	5.4
Negeri Sembilan	6,810	6.2	3,964	7.0	2,846	5.4	7,111	6.4	4,100	7.1	3,011	5.6
Pahang	8,878	5.5	5,347	6.2	3,531	4.6	9,261	5.6	5,498	6.3	3,763	4.9
Perak	17,820	7.2	10,113	8.0	7,707	6.3	18,047	7.2	10,420	8.3	7,627	6.2
Perlis	1,884	7.5	1,023	8.2	861	6.8	2,004	8.0	1,100	8.8	904	7.2
Pulau Pinang	10,729	6.2	6,163	7.1	4,566	5.4	10,727	6.2	5,984	6.8	4,743	5.5
Sabah	12,834	3.4	7,555	3.8	5,279	2.9	13,719	3.6	7,929	3.9	5,790	3.1
Sarawak	12,608	4.6	7,218	5.1	5,390	4.1	13,117	4.7	7,564	5.2	5,553	4.2
Selangor	25,588	4.1	14,948	4.6	10,640	3.5	26,733	4.2	15,417	4.6	11,316	3.7
Terengganu	6,843	5.8	3,945	6.5	2,898	5.0	7,048	5.8	4,030	6.5	3,018	5.1
W.P. Kuala Lumpur	8,077	4.5	4,733	5.2	3,344	3.8	8,205	4.6	4,724	5.1	3,481	4.0
W.P. Labuan	277	2.9	169	3.5	108	2.3	247	2.5	132	2.7	115	2.4
W.P. Putrajaya	163	1.9	86	2.2	77	1.7	229	2.6	123	3.0	106	2.3
MALAYSIA	**162,201**	**5.1**	**93,698**	**5.7**	**68,503**	**4.5**	**168,168**	**5.3**	**96,522**	**5.8**	**71,646**	**4.6**

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, 2016 - 2017
Table 2.10 : Live Births and Crude Birth Rate by State and Sex, Malaysia, 2016 - 2017*

NEGERI *State*	2016						2017					
	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	59,561	16.3	30,754	15.9	28,807	16.7	61,085	16.5	31,648	16.2	29,437	16.9
Kedah	35,967	17.0	18,457	17.2	17,510	16.8	36,693	17.1	18,991	17.4	17,702	16.8
Kelantan	38,455	21.4	19,821	21.9	18,634	20.9	39,122	21.4	20,084	21.8	19,038	21.0
Melaka	14,402	16.0	7,511	16.6	6,891	15.4	14,389	15.8	7,454	16.2	6,935	15.3
Negeri Sembilan	18,036	16.4	9,345	16.4	8,691	16.4	18,078	16.2	9,390	16.3	8,688	16.2
Pahang	27,626	17.0	14,379	16.6	13,247	17.4	27,555	16.7	14,111	16.1	13,444	17.5
Perak	35,685	14.4	18,559	14.8	17,126	14.0	34,838	14.0	17,953	14.2	16,885	13.7
Perlis	4,392	17.5	2,297	18.3	2,095	16.7	4,447	17.6	2,347	18.7	2,100	16.6
Pulau Pinang	21,781	12.7	11,176	12.9	10,605	12.4	21,464	12.3	11,048	12.6	10,416	12.0
Sabah	52,071	13.7	27,067	13.6	25,004	13.8	52,528	13.6	27,120	13.5	25,408	13.8
Sarawak	37,985	13.9	19,652	13.8	18,333	14.0	37,654	13.6	19,543	13.5	18,111	13.7
Selangor	104,661	16.6	54,027	16.5	50,634	16.8	103,987	16.3	53,823	16.2	50,164	16.4
Terengganu	27,521	23.3	14,211	23.6	13,310	22.9	27,911	23.1	14,177	23.0	13,734	23.2
W.P. Kuala Lumpur	25,739	14.4	13,276	14.5	12,463	14.3	24,732	13.8	12,722	13.8	12,010	13.7
W.P. Labuan	1,752	18.1	881	18.0	871	18.2	1,685	17.3	866	17.6	819	17.0
W.P. Putrajaya	2,569	30.4	1,342	34.0	1,227	27.3	2,517	28.8	1,298	31.7	1,219	26.2
MALAYSIA	**508,203**	**16.1**	**262,755**	**16.1**	**245,448**	**16.1**	**508,685**	**15.9**	**262,575**	**15.9**	**246,110**	**15.9**

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 - 2017
Table 2.11 : Total Fertility Rate, Malaysia, 2011 - 2017

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

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, 2018
Table 2.12 : Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2018

1. Bilangan Pekerja Aktif Perkeso (`000) *Number of SOCSO`s Active Employees (`000)*	7,077
2. Jumlah Kehilangan Hari Kerja Oleh Penyakit/ Kemalangan Industri (`000) *Total Number of Man Days Lost Due to Illness/Industrial Accidents (`000)*	3,674
3. Kadar Kehilangan Hari Kerja Bagi Tiap-Tiap 1,000 Tenaga Bekerja *Rate of Man Days Lost Per 1,000 Work Force*	519

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, 2018: PENYAKIT BAWAAN AIR DAN MAKANAN

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	11	0.29
Kedah	0	0	1	0.05
Kelantan	0	0	1	0.05
Melaka	0	0	0	0
Negeri Sembilan	0	0	2	0.18
Pahang	0	0	23	1.35
Perak	0	0	4	0.16
Perlis	0	0	0	0
Pulau Pinang	0	0	0	0
Sabah	163	4.16	6	0.15
Sarawak	0	0	5	0.18
Selangor	1	0.02	78	1.20
Terengganu	0	0	2	0.16
W.P. Kuala Lumpur[1]	1	0.05	30	1.52
W.P. Labuan	0	0	1	1.00
MALAYSIA	**165**	**0.50**	**164**	**0.50**

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, 2018: PENYAKIT BAWAAN AIR DAN MAKANAN (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: Food and Water Borne Diseases (Cont'd)

NEGERI *State*	KERACUNAN MAKANAN *Food Poisoning*		HEPATITIS A		TIFOID *Typhoid*	
	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	1,489	38.95	5	0.13	19	0.50
Kedah	1,226	55.58	2	0.09	2	0.09
Kelantan	681	36.14	0	0	44	2.33
Melaka	895	95.76	3	0.32	0	0
Negeri Sembilan	716	62.76	2	0.18	0	0
Pahang	903	53.03	1	0.06	3	0.18
Perak	853	33.20	4	0.16	6	0.23
Perlis	56	21.60	1	0.39	0	0
Pulau Pinang	1,158	65.53	1	0.06	6	0.34
Sabah	1,641	41.87	57	1.45	58	1.48
Sarawak	978	34.57	11	0.39	5	0.18
Selangor	3,120	47.93	10	0.15	13	0.20
Terengganu	413	33.16	0	0	1	0.08
W.P. Kuala Lumpur[1]	723	36.67	2	0.10	16	0.81
W.P. Labuan	171	170.32	1	1.00	0	0
MALAYSIA	**15,023**	**45.71**	**100**	**0.30**	**173**	**0.53**

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, 2018: PENYAKIT BAWAAN VEKTOR

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	5,863	153.37	22	0.58	0	0
Kedah	2,181	98.87	9	0.41	5	0.23
Kelantan	1,944	103.16	6	0.32	77	4.09
Melaka	718	76.82	4	0.43	0	0
Negeri Sembilan	1,856	162.68	8	0.70	0	0
Pahang	986	57.90	4	0.23	0	0
Perak	2,721	105.89	15	0.58	0	0
Perlis	369	142.36	0	0	1	0.39
Pulau Pinang	6,052	342.46	19	1.08	0	0
Sabah	3,386	86.39	37	0.94	1	0.03
Sarawak	821	29.02	2	0.07	1	0.04
Selangor	45,205	694.46	144	2.21	2	0.03
Terengganu	546	43.84	4	0.32	0	0
W.P. Kuala Lumpur[1]	7,460	378.33	131	6.64	0	0
W.P. Labuan	102	101.59	0	0	0	0
MALAYSIA	**80,210**	**244.07**	**405**	**1.23**	**87**	**0.26**

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, 2018: PENYAKIT BAWAAN VEKTOR (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	64	1.67	0	0	33	0.86
Kedah	34	1.54	4	0.18	17	0.77
Kelantan	135	7.16	0	0	5	0.27
Melaka	7	0.75	0	0	2	0.21
Negeri Sembilan	41	3.59	0	0	33	2.89
Pahang	123	7.22	0	0	22	1.29
Perak	184	7.16	5	0.19	14	0.54
Perlis	1	0.39	0	0	0	0
Pulau Pinang	6	0.34	1	0.06	10	0.57
Sabah	2,316	59.09	5	0.13	139	3.55
Sarawak	1,554	54.93	13	0.46	121	4.28
Selangor	102	1.57	0	0	0	0
Terengganu	45	3.61	0	0	6	0.48
W.P. Kuala Lumpur[1]	18	0.91	0	0	0	0
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	**4,630**	**14.09**	**28**	**0.09**	**402**	**1.22**

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 kes dilaporkan bagi Penyakit *Plague*, *Tifus*, *Zika Virus Infections* dan *Yellow Fever* pada tahun 2018
No cases were reported fo Plague, Typus, Zika Virus Infections and Yellow Fever in 2018

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, 2018: PENYAKIT CEGAHAN VAKSIN

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	2	0.05	212	5.55	118	3.09
Kedah	0	0	140	6.35	40	1.81
Kelantan	1	0.05	168	8.91	54	2.87
Melaka	0	0	152	16.26	22	2.35
Negeri Sembilan	0	0	195	17.09	22	1.93
Pahang	2	0.12	260	15.27	25	1.47
Perak	0	0	251	9.77	54	2.10
Perlis	0	0	10	3.86	3	1.16
Pulau Pinang	1	0.06	53	3.00	11	0.62
Sabah	7	0.18	1,281	32.68	74	1.89
Sarawak	1	0.04	995	35.17	312	11.03
Selangor	2	0.03	730	11.21	860	13.21
Terengganu	0	0	108	8.67	186	14.93
W.P. Kuala Lumpur [1]	0	0	208	10.55	172	8.72
W.P. Labuan	2	1.99	10	9.96	5	4.98
MALAYSIA	**18**	**0.05**	**4,773**	**14.52**	**1,958**	**5.96**

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, 2018: PENYAKIT CEGAHAN VAKSIN (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	0	0	17	0.44
Kedah	0	0	5	0.23	105	4.76
Kelantan	0	0	0	0	73	3.87
Melaka	0	0	0	0	31	3.32
Negeri Sembilan	0	0	0	0	19	1.67
Pahang	0	0	2	0.12	55	3.23
Perak	0	0	0	0	36	1.40
Perlis	0	0	0	0	10	3.86
Pulau Pinang	0	0	0	0	27	1.53
Sabah	26	0.66	17	0.43	107	2.73
Sarawak	0	0	1	0.04	51	1.80
Selangor	0	0	5	0.08	228	3.50
Terengganu	0	0	0	0	75	6.02
W.P. Kuala Lumpur[1]	0	0	1	0.05	54	2.74
W.P. Labuan	0	0	0	0	4	3.98
MALAYSIA	**26**	**0.08**	**31**	**0.09**	**892**	**2.71**

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 2018**
No cases were reported for Acute Poliomyelitis in 2018

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, 2018: PENYAKIT TRANSMISI SECARA SEKSUAL

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	339	8.87	311	8.14
Kedah	0	0	134	6.07	109	4.94
Kelantan	0	0	89	4.72	126	6.69
Melaka	0	0	101	10.81	103	11.02
Negeri Sembilan	0	0	89	7.80	83	7.27
Pahang	0	0	135	7.93	109	6.40
Perak	0	0	52	2.02	140	5.45
Perlis	0	0	20	7.72	16	6.17
Pulau Pinang	0	0	33	1.87	175	9.90
Sabah	0	0	350	8.93	272	6.94
Sarawak	0	0	818	28.91	538	19.02
Selangor	4	0.06	534	8.20	662	10.17
Terengganu	0	0	69	5.54	38	3.05
W.P. Kuala Lumpur[1]	0	0	327	16.58	367	18.61
W.P. Labuan	0	0	40	39.84	28	27.89
MALAYSIA	**4**	**0.01**	**3,130**	**9.52**	**3,077**	**9.36**

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, 2018: LAIN-LAIN PENYAKIT BERJANGKIT

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	114	2.98	4,514	118.08	117	3.06
Kedah	43	1.95	3,213	145.65	212	9.61
Kelantan	49	2.60	3,829	203.18	223	11.83
Melaka	100	10.70	3,021	323.24	32	3.42
Negeri Sembilan	23	2.02	3,130	274.34	322	28.22
Pahang	37	2.17	1,683	98.84	332	19.50
Perak	42	1.63	6,102	237.47	112	4.36
Perlis	5	1.93	629	242.67	38	14.66
Pulau Pinang	12	0.68	5,248	296.97	75	4.24
Sabah	65	1.66	5,062	129.15	48	1.22
Sarawak	147	5.20	8,518	301.06	748	26.44
Selangor	123	1.89	21,282	326.94	379	5.82
Terengganu	49	3.93	1,278	102.62	88	7.07
W.P. Kuala Lumpur[1]	110	5.58	8,290	420.43	116	5.88
W.P. Labuan	0	0	647	644.42	0	0
MALAYSIA	**919**	**2.80**	**76,446**	**232.62**	**2,842**	**8.65**

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, 2018: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	310	8.11	6	0.16	556	14.54
Kedah	186	8.43	7	0.33	519	23.53
Kelantan	99	5.25	11	0.61	600	31.84
Melaka	78	8.35	1	0.11	181	19.37
Negeri Sembilan	133	11.66	5	0.44	308	27.00
Pahang	140	8.22	17	1.00	131	7.69
Perak	167	6.50	6	0.24	288	11.21
Perlis	14	5.40	2	0.79	11	4.24
Pulau Pinang	233	13.18	7	0.41	95	5.38
Sabah	211	5.38	63	1.69	190	4.85
Sarawak	274	9.68	17	0.62	870	30.75
Selangor	923	14.18	26	0.43	673	10.34
Terengganu	82	6.58	9	0.74	507	40.71
W.P. Kuala Lumpur[1]	428	21.71	5	0.26	112	5.68
W.P. Labuan	15	14.94	0	0	15	14.94
MALAYSIA	**3,293**	**10.02**	**182**	**0.57**	**5,056**	**15.39**

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, 2018: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: 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	2,150	56.24	0	0
Kedah	0	0	1,336	60.56	7	0.32
Kelantan	1	0.05	1,172	62.19	0	0
Melaka	0	0	622	66.55	1	0.11
Negeri Sembilan	0	0	591	51.80	1	0.09
Pahang	0	0	940	55.20	0	0
Perak	0	0	1,546	60.17	6	0.23
Perlis	0	0	134	51.70	0	0
Pulau Pinang	1	0.06	1,228	69.49	1	0.06
Sabah	0	0	5,008	127.77	5	0.13
Sarawak	0	0	3,122	110.35	12	0.42
Selangor	1	0.02	5,071	77.90	1	0.02
Terengganu	0	0	777	62.39	0	0
W.P. Kuala Lumpur[1]	3	0.15	2,017	102.29	0	0
W.P. Labuan	1	1.00	123	122.51	0	0
MALAYSIA	**7**	**0.02**	**25,837**	**78.62**	**34**	**0.10**

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, 2018: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2018: Other Infectious Diseases (Cont'd)

NEGERI *State*	PENYAKIT ANJING GILA *Rabies*	
	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	0	0
Sarawak	10	0.35
Selangor	0	0
Terengganu	0	0
W.P. Kuala Lumpur[1]	0	0
W.P. Labuan	0	0
MALAYSIA	**10**	**0.03**

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 kes dilaporkan bagi *Avian Influenza*, Penyakit Ebola, Nipah, MERS-CoV dan *Relapsing Fever* pada tahun 2018
No cases were reported for Avian Influenza, Ebola, Nipah, MERS-CoV and Relapsing Fever in 2018

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, 2018: *DISEASES OF THE CIRCULATORY SYSTEM*

Table 3.2 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	230	0.71
Chronic rheumatic heart diseases	I05-I09	922	2.85
HYPERTENSIVE DISEASE	**I10-I15**		
Essential (primary) hypertension	I10	18,180	56.14
Hypertensive heart disease	I11	828	2.56
Hypertensive renal disease	I12	310	0.96
Hypertensive heart and renal disease	I13	310	0.96
Secondary hypertension	I15	340	1.05
ISCHAEMIC HEART DISEASE	**I20-I25**		
Angina pectoris	I20	32,176	99.35
Acute myocardial infarction	I21	26,837	82.87
Remainder of ischaemic heart disease	Remainder of I20-I25	22,530	69.57
DISEASES OF PULMONARY CIRCULATION & OTHER FORMS OF HEART DISEASES	**I26-I52**		
Pulmonary embolism	I26	916	2.83
Acute pericarditis	I30	122	0.38
Acute and subacute endocarditis	I33	596	1.84
Acute myocarditis	I40	44	0.14
Cardiac arrest	I46	513	1.58
Conduction disorders and cardiac arrhythmias	I44-I45, I47-I49	12,650	39.06
Heart Failure	I50	27,013	83.41
Remainder of diseases of pulmonary circulation and other forms of heart diseases	Remainder of I26-I52	4,097	12.65

JADUAL 3.2 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *DISEASES OF THE CIRCULATORY SYSTEM* (SAMB.)

Table 3.2 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	884	2.73
Intracerebral haemorrhage	I61	5,635	17.40
Cerebral infarction	I63	12,554	38.76
Stroke, not specified as haemorrhage or infarction	I64	16,487	50.91
Remainder of cerebro-vascular disease	Remainder of I60-I69	5,805	17.92
DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES	**I70-I99**		
Atherosclerosis	I70	67	0.21
Aortic aneurysm and dissection	I71	1,086	3.35
Other aneurysm	I72	667	2.06
Arterial embolism and thrombosis	I74	240	0.74
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	1,685	5.20
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	1,769	5.46
Varicose veins of lower extremities	I83	429	1.32
Haemorrhoids	I84	2,225	6.87
Oesophageal varices	I85	1,154	3.56
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	3,808	11.76
JUMLAH / *Total*	**I00-I99**	**203,109**	**627.17**

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, 2018: *NEOPLASMS*

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	6,902	21.31
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS	**C15-C26**		
Malignant neoplasm of oesophagus	C15	865	2.67
Malignant neoplasm of stomach	C16	2,021	6.24
Malignant neoplasm of colon	C18	8,229	25.41
Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal	C19-C21	8,875	27.40
Malignant neoplasm of liver and intrahepatic bile ducts	C22	2,665	8.23
Malignant neoplasm of pancreas	C25	1,262	3.90
Remainder of malignant neoplasm of digestive organs	Remainder of C15-C26	1,054	3.25
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	**C30-C39**		
Malignant neoplasm of larynx	C32	660	2.04
Malignant neoplasm of trachea, bronchus & lung	C33-C34	6,505	20.09
Remainder of malignant neoplasm of respiratory and intrathoracic organs	Remainder of C30-C39	752	2.32
MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST	**C40-C50**		
Malignant of neoplasm of bone and articular cartilage	C40-C41	1,505	4.65
Melanoma and other malignant neoplasm of skin	C43-C44	900	2.78
Malignant neoplasm of mesothelial and soft tissue	C45-C49	1,935	5.97
Malignant neoplasm of breast	C50	10,802	33.35

JADUAL 3.3 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *NEOPLASMS* (SAMB.)

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS *(Neoplasms)*	**KOD ICD - 10** *ICD - 10 Code*	**BILANGAN DISCAJ** *No. of Discharges*	**KADAR DISCAJ (SETIAP 100,000 PENDUDUK)** *Discharge Rate (Per 100,000 Population)*
MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT	**C51-C68**		
Malignant neoplasm of cervix uteri	C53	4,051	12.51
Malignant neoplasm of other and unspecified part of uterus	C54-C55	3,349	10.34
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	5,447	16.82
Malignant neoplasm of prostate	C61	1,469	4.54
Malignant neoplasm of bladder	C67	1,575	4.86
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	2,336	7.21
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	2,147	6.63
MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS	**C73-C75**		
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	2,477	7.65
MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES	**C76-C80**		
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	4,928	15.22

JADUAL 3.3 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *NEOPLASMS* (SAMB.)

Table 3.3 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS *(Neoplasms)*	**KOD ICD - 10** *ICD - 10 Code*	**BILANGAN DISCAJ** *No. of Discharges*	**KADAR DISCAJ (SETIAP 100,000 PENDUDUK)** *Discharge Rate (Per 100,000 Population)*
MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE	**C81-C96**	**1,664**	**5.14**
Hodgkin's disease	C81		
Non-Hodgkin's disease	C82-C85	5,584	17.24
Leukaemia	C91-C95	7,254	22.40
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	1,423	4.39
MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES	**C97**		
Malignant neoplasm of independent (primary) multiple sites	C97	23	0.07
IN SITU NEOPLASMS	**D00-D09**		
In situ neoplasms	D00-D09	1,590	4.91
BENIGN NEOPLASMS	**D10-D36**		
Benign neoplasms of skin	D22-D23	296	0.91
Benign neoplasms of breast	D24	961	2.97
Leiomyoma of uterus	D25	3,111	9.61
Remainder of benign neoplasms	Remainder of D10-D36	6,592	20.36
NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR	**D37-D48**		
Neoplasm of uncertain or unknown behaviour	D37-D48	5,868	18.12
JUMLAH / *Total*	**C00-D48**	**117,077**	**361.52**

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, 2018: *ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES*

Table 3.4 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	39	0.12
Thyrotoxicosis (hyperthyroidism)	E05	2,448	7.56
Hypoparathyroidism	E20	27	0.08
Diabetes mellitus	E10-E14	27,804	85.85
Kwashiokor	E40	19	0.06
Other malnutrition conditions	E41-E46	193	0.60
Other nutritional deficiencies	E50-E64	124	0.38
Obesity	E66	392	1.21
Remainder of obesity and other hyperalimentation	E65, E67-E68	10	0.03
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	46,688	144.17
JUMLAH / *Total*	**E00-E90**	**77,744**	**240.06**

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, 2018: *DISEASES OF THE RESPIRATORY SYSTEM*

Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	213	0.66
Acute sinusitis	J01	175	0.54
Acute pharyngitis	J02	11,629	35.91
Acute tonsillitis	J03	16,147	49.86
Acute laryngitis and tracheitis	J04	136	0.42
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	33,759	104.24
INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS	**J09-J22**		
Influenza	J09-J11	1,216	3.75
Viral pneumonia, not elsewhere classified	J12	14,015	43.28
Other pneumonia	J13-J18	131,085	404.77
Acute bronchitis	J20	658	2.03
Acute bronchiolitis	J21	25,393	78.41
Unspecified acute lower respiratory infections	J22	607	1.87
OTHER DISEASES OF UPPER RESPIRATORY TRACT	**J30-J39**		
Chronic sinusitis	J32	445	1.37
Chronic diseases of tonsils and adenoids	J35	1,628	5.03
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	4,387	13.55

JADUAL 3.5 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *DISEASES OF THE RESPIRATORY SYSTEM* (SAMB.)

Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	116	0.36
Emphysema	J43	173	0.53
Other chronic obstructive pulmonary disease	J44	33,608	103.78
Asthma	J45-J46	49,029	151.39
Bronchiectasis	J47	3,220	9.94
Other chronic lower respiratory tract diseases	J41-J42	46	0.14
LUNG DISEASES DUE TO EXTERNAL AGENTS	**J60-J70**		
Pneumoconiosis	J60-J65	57	0.18
Other lung diseases due to external agents	J66-J70	4,806	14.84
OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM	**J80-J84**		
Pulmonary oedema	J81	7,162	22.12
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	774	2.39
SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	**J85-J86**		
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	1,240	3.83

JADUAL 3.5 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *DISEASES OF THE RESPIRATORY SYSTEM* (SAMB.)

Table 3.5 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	3,562	11.00
Pneumothorax	J93	1,387	4.28
Remainder of other diseases of pleura	Remainder of J90-J94	738	2.28
OTHER DISEASES OF THE RESPIRATORY SYSTEM	**J95-J99**		
Respiratory failure, not elsewhere classified	J96	479	1.48
Remainder of other diseases of the respiratory system	Remainder of J95-J99	3,321	10.25
JUMLAH / *Total*	**J00-J99**	**351,211**	**1,084.49**

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, 2018: *DISEASES OF THE DIGESTIVE SYSTEM*

Table 3.6 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	2,658	8.21
Gingivitis and periodontal diseases	K05	255	0.79
Stomatitis and related lesions	K12	1,288	3.98
Remainder of diseases of Oral Cavity, Salivary Glands and Jaws	Remainder of K00-K14	3,970	12.26
DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM	**K20-K31**		
Diseases of oesophagus	K20-K22	3,300	10.19
Gastric ulcer	K25	1,973	6.09
Doudenal ulcer	K26	886	2.74
Peptic ulcer, site unspecified	K27	1,684	5.20
Gastrojejunal ulcer	K28	71	0.22
Gastritis and duodenitis	K29	8,293	25.61
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	2,896	8.94
DISEASES OF APPENDIX	**K35-K38**		
Acute appendicitis	K35	17,840	55.09
Other appendicitis	K36	314	0.97
Unspecified appendicitis	K37	608	1.88
Other diseases of the appendix	K38	681	2.10
HERNIA	**K40-K46**		
Inguinal hernia	K40	8,443	26.07
Other hernias	K41-K46	1,870	5.77

JADUAL 3.6 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *DISEASES OF THE DIGESTIVE SYSTEM* (SAMB.)

Table 3.6 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	541	1.67
Other noninfective gastroenteritis and colitis	K52	4,233	13.07
Paralytic ileus and intestinal obstruction without hernia	K56	4,802	14.83
Diverticular diseases of intestine	K57	1,776	5.48
Fissure and fistula of anal and rectal regions	K60	1,102	3.40
Abscess of anal and rectal regions	K61	2,239	6.91
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	6,965	21.51
Peritonitis	K65	1,624	5.01
Other disorders of peritoneum	K66-K67	1,166	3.60
OTHER DISEASES OF THE DIGESTIVE SYSTEM	**K70-K93**		
Alcoholic liver disease	K70	444	1.37
Hepatic failure, not elsewhere classified	K72	1,342	4.14
Chronic hepatitis, not elsewhere classified	K73	47	0.15
Fibrosis and cirrhosis of liver	K74	2,072	6.40
Cholelithiasis	K80	8,030	24.80
Cholecystitis	K81	3,011	9.30
Acute pancreatitis	K85	2,631	8.12
Remainder of other diseases of the digestive system	Remainder of K70-K93	17,414	53.77
JUMLAH / *Total*	**K00-K93**	**116,469**	**359.64**

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, 2018: *DISEASES OF THE GENITOURINARY SYSTEM*

Table 3.7 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	2,416	7.46
Chronic nephritic syndrome	N03	41	0.13
Nephritic syndrome	N04	3,882	11.99
Remainder of glomerular diseases	Remainder of N00-N08	573	1.77
RENAL TUBULO-INTERSTITIAL DISEASES	**N10-N16**		
Renal tubulo-interstitial diseases	N10-N16	5,945	18.36
RENAL FAILURE	**N17-N19**		
Acute renal failure	N17	5,507	17.00
Chronic renal failure	N18	28,580	88.25
Unspecified renal failure	N19	848	2.62
OTHER DISEASES OF THE URINARY SYSTEM	**N20-N39**		
Calculus of kidney, ureter and lower urinary tract	N20-N22	6,254	19.31
Unspecified renal colic	N23	1,139	3.52
Other disorders of kidney and ureter	N25-N29	1,186	3.66
Cystitis	N30	563	1.74
Urethritis and urethral syndrome	N34	54	0.17
Urethral stricture	N35	631	1.95
Remainder of other diseases of the urinary system	Remainder of N20-N39	18,447	56.96

JADUAL 3.7 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *DISEASES OF THE GENITOURINARY SYSTEM* (SAMB.)

Table 3.7 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	1,509	4.66
Hydrocele and spermatocele	N43	780	2.41
Orchitis and epididymitis	N45	1,554	4.80
Male infertility	N46	30	0.09
Redundant prepuce, phimosis and paraphimosis	N47	766	2.37
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	2,206	6.81
DISORDERS OF BREAST	**N60-N64**		
Disorders of breast	N60-N64	3,253	10.04
DISORDERS OF FEMALE GENITAL ORGANS	**N70-N99**		
Salpingitis and oophoritis	N70	529	1.63
Inflammatory disease of uterus, except cervix	N71	390	1.20
Inflammatory disease of cervix uteri	N72	22	0.07
Other inflammatory diseases of female pelvic organs	N73-N77	2,246	6.94
Endometriosis	N80	2,211	6.83
Female genital prolapse	N81	769	2.37
Erosion and ectropian of cervix uteri	N86	80	0.25
Disorders of menstruation	N91-N92	2,955	9.12
Menopausal and other perimenopausal disorders	N95	609	1.88
Female infertility	N97	511	1.58
Remainder of disorders of female genital organs	Remainder of N70-N99	8,277	25.56
JUMLAH / *Total*	**N00-N99**	**104,763**	**323.49**

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, 2018: *CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD*

Table 3.8 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	6,940	21.43
DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH	**P05-P08**		
Slow fetal growth and fetal malnutrition	P05	2,521	7.78
Disorders related to short gestation and low birth weight, not elsewhere classified	P07	13,926	43.00
Disorders related to long gestation and high birth weight	P08	2,711	8.37
BIRTH TRAUMA	**P10-P15**		
Birth trauma	P10-P15	1,753	5.41
RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD	**P20-P29**		
Intrauterine hypoxia and birth asphyxia	P20-P21	2,110	6.52
Respiratory distress of newborn	P22	15,449	47.70
Neonatal aspiration syndrome	P24	4,591	14.18
Remainder of respiratory and cardiovascular disorders specific to the perinatal period	Remainder of P20-P29	11,345	35.03
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	**P35-P39**		
Infections specific to the perinatal period	P35-P39	24,393	75.32

JADUAL 3.8 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD* (SAMB.)

Table 3.8 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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)*
HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN	**P50-P61**		
Haemolytic disease of fetus and newborn	P55	4,028	12.44
Neonatal jaundice	P58-P59	120,473	372.00
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	1,311	4.05
OTHER DISORDERS OF FETUS AND NEWBORN	**P70-P96**		
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	17,817	55.02
Digestive system disorders of fetus and newborn	P75-P78	956	2.95
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	1,551	4.79
Convulsion of newborn	P90	138	0.43
Feeding problems of newborn	P92	1,433	4.42
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	2,080	6.42
JUMLAH / *Total*	**P00-P96**	**235,526**	**727.27**

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, 2018: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY*

Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	613	1.89
Pedal cyclist injured in transport accident	V10-V19	905	2.79
Motorcycle Pedestrian injured in transport accident	V20-V29	13,701	42.31
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	63	0.19
Car occupant injured in transport accident	V40-V49	1,685	5.20
Occupant of pick-up truck or van injured in transport accident	V50-V59	252	0.78
Occupant of heavy transport vehicle injured in transport accident	V60-V69	214	0.66
Bus occupant injured in transport accident	V70-V79	40	0.12
Other land transport accidents	V80-V89	22,025	68.01
Water transport accidents	V90-V94	25	0.08
Air and space transport accidents	V95-V97	3	0.01
Other and unspecified transport accidents	V98-V99	76	0.23
OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY	**W00-X59**		
Falls	W00-W19	17,746	54.80
Exposure to inanimate mechanical factors	W20-W49	8,843	27.31
Exposure to animate mechanical factors	W50-W64	2,378	7.34
Accidental drowning and submersion	W65-W74	285	0.88

JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY* (SAMB.)

Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: External Causes of Morbidity and Mortality (Cont'd)

DETAILED CAUSE GROUPS *(External Causes of Morbidity and Mortality)*	**KOD ICD - 10** *ICD - 10 Code*	**BILANGAN DISCAJ** *No. of Discharges*	**KADAR DISCAJ (SETIAP 100,000 PENDUDUK)** *Discharge Rate (Per 100,000 Population)*
Other accidental threats to breathing	W75-W84	205	0.63
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	373	1.15
Exposure to smoke, fire and flames	X00-X09	2,019	6.23
Contact with heat and hot substances	X10-X19	1,565	4.83
Contact with venomous animals and plants	X20-X29	6,268	19.35
Exposure to forces of nature	X30-X39	136	0.42
Accidental poisoning by and exposure to noxious substances	X40-X49	4,756	14.69
Overexertion, travel and privation	X50-X57	110	0.34
Accidental exposure to other and unspecified factors	X58-X59	63,471	195.99
INTENTIONAL SELF-HARM	**X60-X84**		
Intentional self-harm	X60-X84	1,259	3.89
ASSAULT	**X85-Y09**		
Assault	X85-Y09	3,443	10.63
EVENT OF UNDETERMINED INTENT	**Y10-Y34**		
Event of undetermined intent	Y10-Y34	2,221	6.86
LEGAL INTERVENTION AND OPERATIONS OF WAR	**Y35-Y36**		
Legal intervention and operations of war	Y35-Y36	10	0.03

JADUAL 3.9 : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY* (SAMB.)

Table 3.9 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2018: 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)*
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	**Y40-Y84**		
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40-Y59	3,566	11.01
Misadventures to patients during surgical and medical care	Y60-Y69	305	0.94
Medical devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82	1,257	3.88
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	16,386	50.60
SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY	**Y85-Y89**		
Sequelae of External Causes of Morbidity and Mortality	Y85-Y89	479	1.48
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	106	0.33
JUMLAH / *Total*	**V00-Y98**	**176,789**	**545.90**

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 - 2018
Table 3.10 : Incidence Rate of Motor Vehicle Accidents, Malaysia, 2014 - 2018

PERKARA *Subject*	2014	2015	2016	2017	2018
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
2. **Bilangan Kemalangan Kenderaan Bermotor** *Number of Motor Vehicle Accidents*	476,196	489,606	521,466	533,875	548,598
3. **Anggaran Penduduk[1] ('000)** *Estimated Population[1] ('000)*	30,709	31,186	36,661	32,050	32,385
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

Nota/*Note:*
[1] **2014-2017: Anggaran Penduduk Semasa (Muktamad) /** *Currrent Population Estimates (Final)*
2018: 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, 2018
Table 3.11 : Incidence Rate of Industrial Accidents, Malaysia, 2018

1. Bilangan Kecederaan Yang Disebabkan Oleh Kemalangan Perusahaan *Number of Casualities Due to Industrial Accidents*	72,631
**2. Bilangan Pekerja Aktif Perkeso (`000)** *Number of SOCSO`s Active Employees (`000)*	7,077
3. Kadar Kejadian Kemalangan Perusahaan Bagi Setiap 100,000 Tenaga Bekerja *Incidence Rate of Industrial Accidents per 100,000 Workforce*	1,026

Punca : Pertubuhan Keselamatan Sosial Malaysia
Source : Social Security Organisation Malaysia

JADUAL 3.12 : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2018: PENYAKIT BAWAAN AIR DAN MAKANAN

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2018: Food and Water Borne Diseases

NEGERI *State*	KOLERA *Cholera*		KERACUNAN MAKANAN *Food Poisoning*		TIFOID *Typhoid*	
	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	1	0.03
Kedah	0	0	1	0.05	0	0
Kelantan	0	0	0	0	0	0
Melaka	0	0	0	0	0	0
Negeri Sembilan	0	0	0	0	0	0
Pahang	0	0	0	0	1	0.06
Perak	0	0	1	0.04	0	0
Perlis	0	0	0	0	0	0
Pulau Pinang	0	0	0	0	0	0
Sabah	1	0.03	3	0.08	3	0.08
Sarawak	0	0	0	0	0	0
Selangor	0	0	0	0	0	0
Terengganu	0	0	1	0.08	0	0
W.P. Kuala Lumpur[1]	0	0	1	0.05	0	0
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	**1**	**0.00**	**7**	**0.02**	**5**	**0.02**

Nota/*Note:*

*** 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 dan Hepatitis A pada tahun 2018
No deaths were reported for Dysentry and Hepatitis A in 2018

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, 2018: PENYAKIT BAWAAN VEKTOR

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2018: Vector Borne Diseases

NEGERI *State*	DEMAM DENGGI BERDARAH *Dengue Haemorrhagic Fever*		JAPANESE ENCEPHALITIS		MALARIA *Malaria*	
	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	20	0.52	0	0	0	0
Kedah	7	0.32	0	0	0	0
Kelantan	4	0.21	0	0	1	0.05
Melaka	0	0	0	0	0	0
Negeri Sembilan	6	0.53	0	0	1	0.09
Pahang	3	0.18	0	0	1	0.06
Perak	6	0.23	1	0.04	1	0.04
Perlis	0	0	0	0	0	0
Pulau Pinang	16	0.91	0	0	0	0
Sabah	29	0.74	0	0	2	0.05
Sarawak	1	0.04	1	0.04	5	0.18
Selangor	41	0.63	0	0	1	0.02
Terengganu	3	0.24	0	0	0	0
W.P. Kuala Lumpur[1]	11	0.56	0	0	0	0
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	**147**	**0.45**	**2**	**0.01**	**12**	**0.04**

Nota/*Note:*

*** 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*, Tifus, Demam Kuning, *Zika Virus Infections* dan *Filariasis* pada tahun 2018
No deaths were reported for Chikungunya, Dengue, Plague, Typhus, Yellow Fever, Zika Virus Infections and Filariasis in 2018

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, 2018: PENYAKIT CEGAHAN VAKSIN

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2018: 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	5	0.13	0	0
Kedah	0	0	3	0.14	0	0
Kelantan	1	0.05	3	0.16	0	0
Melaka	0	0	0	0	0	0
Negeri Sembilan	0	0	4	0.35	0	0
Pahang	0	0	5	0.29	0	0
Perak	0	0	3	0.12	0	0
Perlis	0	0	0	0	0	0
Pulau Pinang	1	0.06	0	0	0	0
Sabah	1	0.03	14	0.36	1	0.03
Sarawak	1	0.04	11	0.39	0	0
Selangor	0	0	17	0.26	3	0.05
Terengganu	0	0	1	0.08	1	0.08
W.P. Kuala Lumpur[1]	0	0	3	0.15	1	0.05
W.P. Labuan	1	1.00	0	0	0	0
MALAYSIA	**6**	**0.02**	**69**	**0.21**	**6**	**0.02**

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, 2018: PENYAKIT CEGAHAN VAKSIN (SAMB.)

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2018: 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	5	0.27
Melaka	0	0	0	0	0	0
Negeri Sembilan	0	0	0	0	1	0.09
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	1	0.06
Sabah	2	0.05	6	0.15	5	0.13
Sarawak	0	0	0	0	2	0.07
Selangor	0	0	0	0	4	0.06
Terengganu	0	0	0	0	2	0.16
W.P. Kuala Lumpur[1]	0	0	0	0	1	0.05
W.P. Labuan	0	0	0	0	0	0
MALAYSIA	**2**	**0.01**	**6**	**0.02**	**22**	**0.07**

Nota/*Note:*

*** 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 2018
No deaths were reported for Acute Poliomyelitis in 2018

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, 2018: PENYAKIT TRANSMISI SECARA SEKSUAL

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2018: Sexually Transmitted Diseases

NEGERI *State*	SIFILIS *Syphilis*	
	BIL. KEMATIAN *No. of Deaths*	KADAR KEMATIAN* *Mortality Rate**
Johor	5	0.13
Kedah	0	0
Kelantan	0	0
Melaka	0	0
Negeri Sembilan	1	0.09
Pahang	0	0
Perak	1	0.04
Perlis	0	0
Pulau Pinang	0	0
Sabah	4	0.10
Sarawak	2	0.07
Selangor	1	0.02
Terengganu	0	0
W.P. Kuala Lumpur[1]	1	0.05
W.P. Labuan	0	0
MALAYSIA	**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

- Tiada kes kematian dilaporkan bagi penyakit Chancroid dan Gonorrhoea tahun 2018
No deaths were reported for Chancroid and Gonorrhoea in 2018

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, 2018: LAIN-LAIN PENYAKIT BERJANGKIT

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2018: 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	86	2.25	4	0.10	21	0.55
Kedah	33	1.50	6	0.27	19	0.86
Kelantan	112	5.94	0	0	14	0.74
Melaka	50	5.35	13	1.39	1	0.11
Negeri Sembilan	39	3.42	8	0.70	0	0
Pahang	53	3.11	5	0.29	21	1.23
Perak	79	3.07	3	0.12	2	0.08
Perlis	14	5.40	0	0	1	0.39
Pulau Pinang	9	0.51	2	0.11	4	0.23
Sabah	49	1.25	5	0.13	4	0.10
Sarawak	75	2.65	47	1.66	1	0.04
Selangor	100	1.54	6	0.09	46	0.71
Terengganu	58	4.66	13	1.04	24	1.93
W.P. Kuala Lumpur[1]	55	2.79	0	0	7	0.36
W.P. Labuan	2	1.99	0	0	0	0
MALAYSIA	**814**	**2.48**	**112**	**0.34**	**165**	**0.50**

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, 2018: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2018: Other Infectious Diseases (Cont'd)

NEGERI *State*	LEPTOSPIROSIS		ALL VIRAL HEPATITIS		TIBI *Tuberculosis*	
	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	10	0.26	9	0.24	146	3.82
Kedah	4	0.18	9	0.41	154	6.98
Kelantan	0	0	3	0.16	125	6.63
Melaka	0	0	0	0	64	6.85
Negeri Sembilan	0	0	18	1.58	51	4.47
Pahang	1	0.06	13	0.76	91	5.34
Perak	4	0.16	8	0.31	195	7.59
Perlis	2	0.77	3	1.16	18	6.94
Pulau Pinang	1	0.06	0	0	151	8.54
Sabah	3	0.08	16	0.41	376	9.59
Sarawak	4	0.14	16	0.57	240	8.48
Selangor	6	0.09	65	1.00	375	5.76
Terengganu	1	0.08	7	0.56	70	5.62
W.P. Kuala Lumpur[1]	0	0	16	0.81	113	5.73
W.P. Labuan	0	0	0	0	15	14.94
MALAYSIA	**36**	**0.11**	**183**	**0.56**	**2,184**	**6.65**

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, 2018: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)

Table 3.12 : Number of Deaths and Mortalily Rate of Communicable Diseases by State, Malaysia, 2018: Other Infectious Diseases (Cont'd)

NEGERI *State*	VIRAL ENSEFALITIS *Viral Encephalitis*		PENYAKIT ANJING GILA *Rabies*	
	BIL. KEMATIAN *No. of Deaths*	KADAR KEMATIAN* *Mortality Rate**	BIL. KEMATIAN *No. of Deaths*	KADAR KEMATIAN* *Mortality 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	1	0.04	0	0
Perlis	0	0	0	0
Pulau Pinang	0	0	0	0
Sabah	0	0	0	0
Sarawak	1	0.04	10	0.35
Selangor	0	0	0	0
Terengganu	0	0	0	0
W.P. Kuala Lumpur[1]	0	0	0	0
W.P. Labuan	0	0	0	0
MALAYSIA	**2**	**0.01**	**10**	**0.03**

Nota/*Note:*

*** 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, MERS-Cov dan *Other Viral Encephalitis* pada tahun 2018
No deaths were reported for Ebola, Hand, Foot and Mouth Disease, Leprosy, Relapsing Fever, Other Specified Viral Hepatitis, Avian Influenza, Nipah, MERS-CoV and Other Viral Encephalitis in 2018

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, 2018: *DISEASES OF THE CIRCULATORY SYSTEM*

Table 3.13 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	5	0.02
Chronic rheumatic heart diseases	I05-I09	78	0.24
HYPERTENSIVE DISEASE	**I10-I15**		
Essential (primary) hypertension	I10	1,510	4.66
Hypertensive heart disease	I11	33	0.10
Hypertensive renal disease	I12	47	0.15
Hypertensive heart and renal disease	I13	30	0.09
Secondary hypertension	I15	10	0.03
ISCHAEMIC HEART DISEASE	**I20-I25**		
Angina pectoris	I20	76	0.23
Acute myocardial infarction	I21	1,543	4.76
Remainder of ischaemic heart disease	Remainder of I20-I25	1,979	6.11
DISEASES OF PULMONARY CIRCULATION & OTHER FORMS OF HEART DISEASES	**I26-I52**		
Pulmonary embolism	I26	211	0.65
Acute pericarditis	I30	4	0.01
Acute and subacute endocarditis	I33	99	0.31
Acute myocarditis	I40	6	0.02
Cardiac arrest	I46	400	1.24
Conduction disorders and cardiac arrhythmias	I44-I45, I47-I49	498	1.54
Heart failure	I50	983	3.04
Remainder of diseases of pulmonary circulation and other forms of heart diseases	Remainder of I26-I52	456	1.41

JADUAL 3.13 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *DISEASES OF THE CIRCULATORY SYSTEM* (SAMB.)

Table 3.13 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	138	0.43
Intracerebral haemorrhage	I61	928	2.87
Cerebral infarction	I63	942	2.91
Stroke, not specified as haemorrhage or infarction	I64	996	3.08
Remainder of cerebro-vascular disease	Remainder of I60-I69	742	2.29
DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES	**I70-I99**		
Atherosclerosis	I70	7	0.02
Aortic aneurysm and dissection	I71	133	0.41
Other aneurysm	I72	41	0.13
Arterial embolism and thrombosis	I74	21	0.06
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	64	0.20
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	58	0.18
Varicose veins of lower extremities	I83	5	0.02
Haemorrhoids	I84	6	0.02
Oesophageal varices	I85	70	0.22
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	84	0.26
JUMLAH / *Total*	**I00 - I99**	**12,203**	**37.68**

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, 2018: *NEOPLASMS*

Table 3.14 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	304	0.94
MALIGNANT NEOPLASM OF DIGESTIVE ORGANS	**C15-C26**		
Malignant neoplasm of oesophagus	C15	77	0.24
Malignant neoplasm of stomach	C16	174	0.54
Malignant neoplasm of colon	C18	318	0.98
Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal	C19-C21	320	0.99
Malignant neoplasm of liver and intrahepatic bile ducts	C22	481	1.49
Malignant neoplasm of pancreas	C25	166	0.51
Remainder of malignant neoplasm of digestive organs	Remainder of C15-C26	89	0.27
MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS	**C30-C39**		
Malignant neoplasm of larynx	C32	34	0.10
Malignant neoplasm of trachea, bronchus & lung	C33-C34	922	2.85
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	31	0.10
Melanoma and other malignant neoplasm of skin	C43-C44	36	0.11
Malignant neoplasm of mesothelial and soft tissue	C45-C49	98	0.30
Malignant neoplasm of breast	C50	679	2.10

JADUAL 3.14 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *NEOPLASMS* (SAMB.)

Table 3.14 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS *(Neoplasms)*	**KOD ICD - 10** *ICD - 10 Code*	**BILANGAN KEMATIAN** *No. of Deaths*	**KADAR KEMATIAN (SETIAP 100,000 PENDUDUK)** *Mortality Rate (Per 100,000 Population)*
MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT	**C51-C68**		
Malignant neoplasm of cervix uteri	C53	132	0.41
Malignant neoplasm of other and unspecified part of uterus	C54-C55	92	0.28
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	183	0.57
Malignant neoplasm of prostate	C61	133	0.41
Malignant neoplasm of bladder	C67	61	0.19
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	114	0.35
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	121	0.37
MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS	**C73-C75**		
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	90	0.28
MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES	**C76-C80**		
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	1,151	3.55

JADUAL 3.14 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *NEOPLASMS* (SAMB.)

Table 3.14 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	34	0.10
Non-Hodgkin's disease	C82-C85	233	0.72
Leukaemia	C91-C95	346	1.07
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	70	0.22
MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES	**C97**		
Malignant neoplasm of independent (primary) multiple sites	C97	3	0.01
IN SITU NEOPLASMS	**D00-D09**		
In situ neoplasms	D00-D09	59	0.18
BENIGN NEOPLASMS	**D10-D36**		
Benign neoplasms of skin	D22-D23	0	0
Benign neoplasms of breast	D24	0	0
Leiomyoma of uterus	D25	4	0.01
Remainder of benign neoplasms	Remainder of D10-D36	91	0.28
NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR	**D37-D48**		
Neoplasm of uncertain or unknown behaviour	D37-D48	190	0.59
JUMLAH / *Total*	**C00 - D48**	**6,876**	**21.23**

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, 2018: *ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES*

Table 3.15 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	42	0.13
Hypoparathyroidism	E20	1	0.00
Diabetes mellitus	E10-E14	1,746	5.39
Kwashiokor	E40	2	0.01
Other malnutrition conditions	E41-E46	14	0.04
Other nutritional deficiencies	E50-E64	4	0.01
Obesity	E66	14	0.04
Remainder of obesity and other hyperalimentation	E65, E67-E68	0	0
Remainder of endocrine, nutritional and metabolic disorders	Remainder of E00-E90	995	3.07
JUMLAH / *Total*	**E00-E90**	**2,818**	**8.70**

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, 2018: *DISEASES OF THE RESPIRATORY SYSTEM*

Table 3.16 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: Diseases of the Respiratory System

DETAILED CAUSE GROUPS *(Diseases of the Respiratory System)*	**KOD ICD - 10** ***ICD - 10 Code***	**BILANGAN KEMATIAN** *No. of Deaths*	**KADAR KEMATIAN (SETIAP 100,000 PENDUDUK)** *Mortality Rate (Per 100,000 Population)*
DISEASES OF THE UPPER RESPIRATORY TRACT	**J00-J06**		
Acute nasopharyngitis	J00	0	0
Acute sinusitis	J01	0	0
Acute pharyngitis	J02	0	0
Acute tonsillitis	J03	0	0
Acute laryngitis and tracheitis	J04	2	0.01
Remainder of diseases of the upper respiratory tract	Remainder of J00-J06	18	0.06
INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS	**J09-J22**		
Influenza	J09-J11	11	0.03
Viral pneumonia, not elsewhere classified	J12	46	0.14
Other pneumonia	J13-J18	8,108	25.04
Acute bronchitis	J20	1	0.00
Acute bronchiolitis	J21	8	0.02
Unspecified acute lower respiratory infections	J22	9	0.03
OTHER DISEASES OF UPPER RESPIRATORY TRACT	**J30-J39**		
Chronic sinusitis	J32	1	0.00
Chronic diseases of tonsils and adenoids	J35	0	0
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	24	0.07

JADUAL 3.16 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *DISEASES OF THE RESPIRATORY SYSTEM* (SAMB.)

Table 3.16 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	14	0.04
Other chronic obstructive pulmonary disease	J44	752	2.32
Asthma	J45-J46	89	0.27
Bronchiectasis	J47	147	0.45
Other chronic lower respiratory tract diseases	J41-J42	1	0.00
LUNG DISEASES DUE TO EXTERNAL AGENTS	**J60-J70**		
Pneumoconiosis	J60-J65	1	0.00
Other lung diseases due to external agents	J66-J70	1,594	4.92
OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM	**J80-J84**		
Pulmonary oedema	J81	179	0.55
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	160	0.49
SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT	**J85-J86**		
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	88	0.27
OTHER DISEASES OF PLEURA	**J90-J94**		
Pleural effusion, not elsewhere classified	J90	185	0.57
Pneumothorax	J93	57	0.18
Remainder of other diseases of pleura	Remainder of J90-J94	14	0.04

JADUAL 3.16 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *DISEASES OF THE RESPIRATORY SYSTEM* (SAMB.)

Table 3.16 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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 THE RESPIRATORY SYSTEM	**J95-J99**		
Respiratory failure, not elsewhere classified	J96	268	0.83
Remainder of other diseases of the respiratory system	Remainder of J95-J99	233	0.72
JUMLAH / *Total*	**J00-J99**	**12,010**	**37.09**

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, 2018: *DISEASES OF THE DIGESTIVE SYSTEM*

Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: Diseases of the Digestive System

DETAILED CAUSE GROUPS *(Diseases of the Digestive System)*	**KOD ICD - 10** *ICD - 10 Code*	**BILANGAN KEMATIAN** *No. of Deaths*	**KADAR KEMATIAN (SETIAP 100,000 PENDUDUK)** *Mortality Rate (Per 100,000 Population)*
DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS	**K00-K14**		
Dental caries	K02	0	0
Gingivitis and periodontal diseases	K05	1	0.00
Stomatitis and related lesions	K12	6	0.02
Remainder of diseases of oral cavity, salivary glands and jaws	Remainder of K00-K14	2	0.01
DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM	**K20-K31**		
Diseases of oesophagus	K20-K22	19	0.06
Gastric ulcer	K25	107	0.33
Doudenal ulcer	K26	39	0.12
Peptic ulcer, site unspecified	K27	56	0.17
Gastrojejunal ulcer	K28	3	0.01
Gastritis and duodenitis	K29	14	0.04
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	9	0.03
DISEASES OF APPENDIX	**K35-K38**		
Acute appendicitis	K35	20	0.06
Other appendicitis	K36	0	0
Unspecified appendicitis	K37	1	0.00
Other diseases of the appendix	K38	0	0
HERNIA	**K40-K46**		
Inguinal hernia	K40	14	0.04
Other hernias	K41-K46	16	0.05

JADUAL 3.17 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *DISEASES OF THE DIGESTIVE SYSTEM* (SAMB.)

Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: Diseases of the Digestive System (Cont'd)

DETAILED CAUSE GROUPS *(Diseases of the Digestive System)*	**KOD ICD - 10** *ICD - 10 Code*	**BILANGAN KEMATIAN** *No. of Deaths*	**KADAR KEMATIAN (SETIAP 100,000 PENDUDUK)** *Mortality Rate (Per 100,000 Population)*
DISEASES OF INTESTINES AND PERITONEUM	**K50-K67**		
Crohn's disease and ulcerative colitis	K50-K51	4	0.01
Other noninfective gastroenteritis and colitis	K52	8	0.02
Paralytic ileus and intestinal obstruction without hernia	K56	101	0.31
Diverticular diseases of intestine	K57	43	0.13
Fissure and fistula of anal and rectal regions	K60	1	0.00
Abscess of anal and rectal regions	K61	16	0.05
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	210	0.65
Peritonitis	K65	192	0.59
Other disorders of peritoneum	K66-K67	10	0.03
OTHER DISEASES OF THE DIGESTIVE SYSTEM	**K70-K93**		
Alcoholic liver disease	K70	42	0.13
Hepatic failure, not elsewhere classified	K72	299	0.92
Chronic hepatitis, not elsewhere classified	K73	3	0.01
Fibrosis and cirrhosis of liver	K74	279	0.86
Cholelithiasis	K80	24	0.07
Cholecystitis	K81	24	0.07
Acute pancreatitis	K85	62	0.19
Remainder of other diseases of the digestive system	Remainder of K70-K93	999	3.08
JUMLAH / *Total*	**K00-K93**	**2,624**	**8.10**

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, 2018: *DISEASES OF THE GENITOURINARY SYSTEM*

Table 3.18 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	70	0.22
Chronic nephritic syndrome	N03	0	0
Nephritic syndrome	N04	8	0.02
Remainder of glomerular diseases	Remainder of N00-N08	1	0.00
RENAL TUBULO-INTERSTITIAL DISEASES	**N10-N16**		
Renal tubulo-interstitial diseases	N10-N16	88	0.27
RENAL FAILURE	**N17-N19**		
Acute renal failure	N17	722	2.23
Chronic renal failure	N18	1,353	4.18
Unspecified renal failure	N19	56	0.17
OTHER DISEASES OF THE URINARY SYSTEM	**N20-N39**		
Calculus of kidney, ureter and lower urinary tract	N20-N22	18	0.06
Unspecified renal colic	N23	0	0
Other disorders of kidney and ureter	N25-N29	16	0.05
Cystitis	N30	6	0.02
Urethritis and urethral syndrome	N34	0	0
Urethral stricture	N35	2	0.01
Remainder of other diseases of the urinary system	Remainder of N20-N39	751	2.32
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, 2018: *DISEASES OF THE GENITOURINARY SYSTEM* (SAMB.)

Table 3.18 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	0	0
Male infertility	N46	0	0
Redundant prepuce, phimosis and paraphimosis	N47	0	0
Remainder of diseases of male genital organs	Remainder of N40-N51	32	0.10
DISORDERS OF BREAST	**N60-N64**		
Disorders of breast	N60-N64	2	0.01
DISORDERS OF FEMALE GENITAL ORGANS	**N70-N99**		
Salpingitis and oophoritis	N70	1	0.00
Inflammatory disease of uterus, except cervix	N71	0	0
Inflammatory disease of cervix uteri	N72	1	0.00
Other inflammatory diseases of female pelvic organs	N73-N77	4	0.01
Endometriosis	N80	1	0.00
Female genital prolapse	N81	0	0
Erosion and ectropian of cervix uteri	N86	0	0
Disorders of menstruation	N91-N92	1	0.00
Menopausal and other perimenopausal disorders	N95	0	0
Female infertility	N97	0	0
Remainder of disorders of female genital organs	Remainder of N70-N99	5	0.02
JUMLAH / *Total*	**N00-N99**	**3,158**	**9.75**

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, 2018: *CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD*

Table 3.19 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: Certain Conditions Originating in the Perinatal Period

DETAILED CAUSE GROUPS *(Certain Conditions Originating in the Perinatal Period)*	**KOD ICD - 10** *ICD - 10 Code*	**BILANGAN KEMATIAN** *No. of Deaths*	**KADAR KEMATIAN (SETIAP 100,000 PENDUDUK)** *Mortality Rate (Per 100,000 Population)*
FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY	**P00-P04**		
Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	P00-P04	43	0.13
DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH	**P05-P08**		
Slow fetal growth and fetal malnutrition	P05	12	0.04
Disorders related to short gestation and low birth weight, not elsewhere classified	P07	458	1.41
Disorders related to long gestation and high birth weight	P08	0	0
BIRTH TRAUMA	**P10-P15**		
Birth trauma	P10-P15	11	0.03
RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD	**P20-P29**		
Intrauterine hypoxia and birth asphyxia	P20-P21	26	0.08
Respiratory distress of newborn	P22	47	0.15
Neonatal aspiration syndrome	P24	69	0.21
Remainder of respiratory and cardiovascular disorders specific to the perinatal period	Remainder of P20-P29	230	0.71
INFECTIONS SPECIFIC TO THE PERINATAL PERIOD	**P35-P39**		
Infections specific to the perinatal period	P35-P39	184	0.57

JADUAL 3.19 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD* (SAMB.)

Table 3.19 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: Certain Conditions Originating in the Perinatal Period (Cont'd)

DETAILED CAUSE GROUPS *(Certain Conditions Originating in the Perinatal Period)*	**KOD ICD - 10** *ICD - 10 Code*	**BILANGAN KEMATIAN** *No. of Deaths*	**KADAR KEMATIAN (SETIAP 100,000 PENDUDUK)** *Mortality Rate (Per 100,000 Population)*
HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN	**P50-P61**		
Haemolytic disease of fetus and newborn	P55	1	0.00
Neonatal jaundice	P58-P59	5	0.02
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	76	0.23
OTHER DISORDERS OF FETUS AND NEWBORN	**P70-P96**		
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	15	0.05
Digestive system disorders of fetus and newborn	P75-P78	31	0.10
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	21	0.06
Convulsion of newborn	P90	2	0.01
Feeding problems of newborn	P92	1	0.00
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	103	0.32
JUMLAH / *Total*	**P00-P96**	**1,335**	**4.12**

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, 2018: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY*

Table 3.20 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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	3	0.01
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	9	0.03
Water transport accidents	V90-V94	0	0
Air and space transport accidents	V95-V97	0	0
Other and unspecified transport accidents	V98-V99	0	0
OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY	**W00-X59**		
Falls	W00-W19	6	0.02
Exposure to inanimate mechanical factors	W20-W49	0	0
Exposure to animate mechanical factors	W50-W64	0	0
Accidental drowning and submersion	W65-W74	0	0
Other accidental threats to breathing	W75-W84	3	0.01
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	0	0

JADUAL 3.20 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY* (SAMB.)

Table 3.20 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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 smoke, fire and flames	X00-X09	6	0.02
Contact with heat and hot substances	X10-X19	1	0.00
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	15	0.05
Overexertion, travel and privation	X50-X57	0	0
Accidental exposure to other and unspecified factors	X58-X59	50	0.15
INTENTIONAL SELF-HARM	**X60-X84**		
Intentional self-harm	X60-X84	4	0.01
ASSAULT	**X85-Y09**		
Assault	X85-Y09	0	0
EVENT OF UNDETERMINED INTENT	**Y10-Y34**		
Event of undetermined intent	Y10-Y34	2	0.01
LEGAL INTERVENTION AND OPERATIONS OF WAR	**Y35-Y36**		
Legal intervention and operations of war	Y35-Y36	0	0
COMPLICATIONS OF MEDICAL AND SURGICAL CARE	**Y40-Y84**		
Drugs, medicaments and biological substances causing adverse effects in therapeutic use	Y40-Y59	3	0.01
Misadventures to patients during surgical and medical care	Y60-Y69	0	0
Medical devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82	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	55	0.17

JADUAL 3.20 : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018: *EXTERNAL CAUSES OF MORBIDITY AND MORTALITY* (SAMB.)

Table 3.20 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2018: 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)*
SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY	**Y85-Y89**		
Sequelae of external causes of morbidity and mortality	Y85-Y89	2	0.01
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	0.00
JUMLAH / *Total*	**V01-Y98**	**163**	**0.50**

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, 2018
Table 3.21 : Number and Percentage of Orally Fit Primary and Secondary School Children, by State, Malaysia, 2018

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	326,892	324,867	264,849	81.53	242,948	240,898	186,891	77.58
Kedah	188,099	187,810	132,527	70.56	143,947	141,837	107,586	75.85
Kelantan	172,953	172,393	54,065	31.36	143,209	139,045	74,483	53.57
Melaka	80,755	80,697	39,680	49.17	62,060	61,826	36,116	58.42
Negeri Sembilan	101,913	101,386	66,639	65.73	40,144	39,277	27,895	71.02
Pahang	146,723	146,105	79,373	54.33	109,690	109,091	63,233	57.96
Perak	203,326	202,892	152,984	75.40	169,350	168,956	131,143	77.62
Perlis	23,527	23,495	13,907	59.19	324,867	18,581	12,166	65.48
Pulau Pinang	129,361	128,961	78,703	61.03	100,270	99,734	75,408	75.61
Sabah	266,894	263,137	134,659	51.17	184,464	170,465	74,307	43.59
Sarawak	242,339	237,830	129,079	54.27	186,673	164,688	99,291	60.29
Selangor	520,844	516,528	336,613	65.17	348,998	337,137	248,328	73.66
Terengganu	131,415	130,865	82,493	63.04	96,759	95,205	59,508	62.51
W.P. Kuala Lumpur	128,511	128,373	89,998	70.11	85,118	84,081	71,259	84.75
W.P. Labuan	8,815	8,757	3,578	40.86	5,759	5,687	3,281	57.69
W.P. Putrajaya	16,851	16,848	10,688	63.44	7,832	7,801	5,299	67.93
MALAYSIA	**2,689,218**	**2,670,944**	**1,669,835**	**62.52**	**2,252,088**	**1,884,309**	**1,276,194**	**67.73**

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, 2018
Table 3.22 : Dental Caries Status: Number of 12 Years Old School Children With M+X=0 by States, Malaysia, 2018

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	52,457	51,665	98.49
Kedah	30,795	29,936	97.21
Kelantan	27,848	26,895	96.58
Melaka	12,570	12,456	99.09
Negeri Sembilan	16,040	15,844	98.78
Pahang	22,663	21,986	97.01
Perak	32,839	32,488	98.93
Perlis	3,619	3,540	97.82
Pulau Pinang	20,798	20,442	98.29
Sabah	41,239	38,140	92.49
Sarawak	39,625	38,308	96.68
Selangor	81,376	79,993	98.30
Terengganu	19,999	19,046	95.23
W.P. Kuala Lumpur	19,882	19,719	99.18
W.P. Labuan	1,282	1,262	98.44
W.P. Putrajaya	2,008	1,996	99.40
MALAYSIA	**425,040**	**413,716**	**97.34**

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, 2018
Table 3.23 : Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX=0) by State, Malaysia, 2018

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	52,457	42,662	81.33	45,909	31,979	69.66
Kedah	30,795	23,899	77.61	27,958	18,454	66.01
Kelantan	27,848	13,805	49.57	27,472	8,546	31.11
Melaka	12,570	9,638	76.67	12,198	7,065	57.92
Negeri Sembilan	16,040	13,135	81.89	15,788	10,693	67.73
Pahang	22,663	13,655	60.25	20,977	9,572	45.63
Perak	32,839	25,570	77.86	33,206	21,637	65.16
Perlis	3,619	2,558	70.68	3,749	2,069	55.19
Pulau Pinang	20,798	16,165	77.72	19,580	12,134	61.97
Sabah	41,239	15,718	38.11	31,938	7,338	22.98
Sarawak	39,625	22,917	57.83	32,478	13,823	42.56
Selangor	81,376	67,918	83.46	63,514	47,548	74.86
Terengganu	19,999	11,216	56.08	18,555	6,385	34.41
W.P. Kuala Lumpur	19,882	17,171	86.36	16,364	12,381	75.66
W.P. Labuan	1,282	784	61.15	1,120	459	40.98
W.P. Putrajaya	2,008	1,672	83.27	1,359	920	67.70
MALAYSIA	**425,040**	**298,483**	**70.22**	**372,165**	**211,003**	**56.70**

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 2018

Table 4.1 : Distribution of Hospitals and Officials Beds Strength in Public Sector by State, Malaysia as at 31 December 2018

NEGERI *State*	KEMENTERIAN KESIHATAN MALAYSIA *Ministry of Health Malaysia*						BUKAN KEMENTERIAN KESIHATAN MALAYSIA *Non Ministry of Health Malaysia*		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	2,673	0	0	9	2,673	0	0	9	2,673
Kelantan	9	1,843	0	0	9	1,843	1	816	10	2,659
Melaka	3	1,276	0	0	3	1,276	1	144	4	1,420
Negeri Sembilan	6	1,789	0	0	6	1,789	1	36	7	1,825
Pahang	11	2,316	0	0	11	2,316	1	330	12	2,646
Pulau Pinang	6	2,118	0	0	6	2,118	0	0	6	2,118
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
Selangor	12	5,424	1	90	13	5,514	1	88	14	5,602
Terengganu	6	1,680	0	0	6	1,680	0	0	6	1,680
Sabah	22	3,894	2	914	24	4,808	1	40	25	4,848
Sarawak	22	3,708	1	343	23	4,051	0	0	23	4,051
W.P. Kuala Lumpur	1	2,125	2	284	3	2,409	3	2,586	6	4,995
W.P. Labuan	1	122	0	0	1	122	0	0	1	122
W.P. Putrajaya	1	470	1	252	2	722	0	0	2	722
MALAYSIA	**135**	**37,609**	**9**	**4,815**	**144**	**42,424**	**10**	**4,187**	**154**	**46,611**

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 2018

Table 4.2 : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2018

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: 10,395	21	0	0
Kedah	60	218	6	284	1: 7,619	4	0	0
Kelantan	85	175	0	260	1: 7,142	4	0	0
Melaka	30	60	1	91	1: 10,134	0	0	0
Negeri Sembilan	50	96	0	146	1: 7,740	8	0	0
Pahang	86	239	5	330	1: 5,048	20	0	0
Perak	87	231	11	329	1: 7,614	17	1	1
Perlis	10	30	0	40	1: 6,345	0	0	0
Pulau Pinang	30	59	6	95	1: 18,598	0	0	0
Sabah	109	166	22	297	1: 13,129	35	0	0
Sarawak	210	5	24	239	1: 11,682	95	3	9
Selangor	79	113	4	196	1: 33,022	12	0	0
Terengganu	47	128	1	176	1: 6,991	1	0	0
W.P. Kuala Lumpur	15	0	7	22	1: 81,600	0	0	0
W.P. Labuan	2	10	0	12	1: 8,267	0	0	0
W.P. Putrajaya	4	0	0	4	1: 22,600	0	0	0
MALAYSIA	**1,000**	**1,791**	**90**	**2,881**	**1: 11,241**	**217**	**4**	**10**

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 2018 (SAMB.)

Table 4.2 : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2018 (Cont'd)

NEGERI *State*	KLINIK 1MALAYSIA[1] *1Malaysia Clinics[1]*	KLINIK BERGERAK 1MALAYSIA *1Malaysia Mobile Clinics*			
		BAS *Bus*	PASUKAN *Team*	BOT *Boat*	PASUKAN *Team*
Johor	34	1	2	0	0
Kedah	22	0	0	0	0
Kelantan	21	0	0	0	0
Melaka	19	0	0	0	0
Negeri Sembilan	17	0	0	0	0
Pahang	20	2	4	0	0
Perak	24	1	2	0	0
Perlis	4	0	0	0	0
Pulau Pinang	24	0	0	0	0
Sabah	36	1	1	2	4
Sarawak	35	1	1	2	4
Selangor	45	1	2	0	0
Terengganu	15	0	0	0	0
W.P. Kuala Lumpur	26	0	0	0	0
W.P. Labuan	1	0	0	0	0
W.P. Putrajaya	0	0	0	0	0
MALAYSIA	**343**	**7**	**12**	**4**	**8**

Nota/*Note*:
[1] **Termasuk Pusat Transformasi Bandar (UTC) dan Pusat Transformasi Luar Bandar (RTC)**
Includes Urban Transformation Centre (UTC) and Rural Urbanization 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 2018

Table 4.3 : Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2018

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	306	313	1 : 11,956	4	7	31	0
Kedah	4	200	204	1 : 10,606	3	12	31	0
Kelantan	4	223	227	1 : 8,180	4	10	47	0
Melaka	3	96	99	1 : 9,315	1	3	19	0
Negeri Sembilan	7	136	143	1 : 7,903	1	3	30	1
Pahang	2	251	253	1 : 6,584	2	9	31	0
Perak	5	253	258	1 : 9,709	3	9	25	3
Perlis	0	56	56	1 : 4,532	1	4	4	0
Pulau Pinang	1	141	142	1 : 12,442	3	14	30	0
Sabah	7	190	197	1 : 19,793	2	17	48	0
Sarawak	5	248	253	1 : 11,036	4	24	66	0
Selangor	3	212	215	1 : 30,104	3	9	60	1
Terengganu	3	136	139	1 : 8,852	2	8	30	0
W.P. Kuala Lumpur	5	118	123	1 : 14,595	2	6	6	0
W.P. Labuan	0	7	7	1 : 14,171	0	1	2	0
W.P. Putrajaya	0	15	15	1 : 6,027	0	0	1	0
MALAYSIA	**56**	**2,588**	**2,644**	**1 : 12,248**	**35**	**136**	**461**	**5**

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 1Malaysia dan Klinik Pergigian 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 Dental Clinics and 1Malaysia 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 2018 (SAMB.)

Table 4.3 : Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2018 (Cont'd)

NEGERI *State*	KLINIK PERGIGIAN 1MALAYSIA *1Malaysia Dental Clinic*			KLINIK PERGIGIAN BERGERAK 1MALAYSIA *1Malaysia Mobile Dental Clinics*	
	KLINIK PERGIGIAN DI KLINIK 1MALAYSIA *Dental Clinic In 1Malaysia Clinic*	KLINIK PERGIGIAN DI UTC *Dental Clinics In UTC*	KLINIK PERGIGIAN DI RTC *Dental Clinics In RTC*	KLINIK PERGIGIAN BERGERAK 1MALAYSIA (BAS) *1Malaysia Mobile Dental Clinic (Bus)*	KLINIK PERGIGIAN BERGERAK 1MALAYSIA (BOT) *1Malaysia 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	1	0	0
Perlis	0	1	0	0	0
Pulau Pinang	0	0	0	0	0
Sabah	0	3	0	0	2
Sarawak	0	4	1	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**	**22**	**5**	**1**	**2**

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 2018
Table 4.4 : Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2018

NEGERI *State*	FASILITI BERLESEN/*Licensed Health Facilities*									
	HOSPITAL SWASTA *Private Hospital*		RUMAH BERSALIN SWASTA *Private Maternity Home*		RUMAH JAGAAN KEJURURAWATAN SWASTA *Private Nursing Home*		HOSPIS SWASTA *Private Hospice*		PUSAT JAGAAN AMBULATORI SWASTA *Private Ambulatory Care Centre*	
	Bil./*No.*	**Katil**/*Beds*	**Bil.**/*No.*	**Katil**/*Beds*	**Bil.**/*No.*	**Katil**/*Beds*	**Bil.**/*No.*	**Katil**/*Beds*	**Bil.**/*No.*	**Katil**/*Beds*
Johor	29	1,479	1	1	5	232	1	12	18	24
Kedah	9	622	0	0	1	22	0	0	1	2
Kelantan	4	186	2	4	0	0	0	0	0	0
Melaka	4	944	0	0	1	16	0	0	3	0
Negeri Sembilan	7	596	1	2	0	0	0	0	1	2
Pahang	5	642	1	2	1	14	0	0	0	0
Perak	17	1,088	0	0	1	9	0	0	8	6
Perlis	1	21	0	0	0	0	0	0	0	0
Pulau Pinang	20	2,168	0	0	0	0	1	11	9	10
Sabah	8	332	1	1	0	0	0	0	7	5
Sarawak	12	554	0	0	5	235	0	0	5	4
Selangor	54	4,218	8	30	2	12	0	0	34	68
Terengganu	2	54	2	10	0	0	0	0	0	0
W.P. Kuala Lumpur[1]	38	3,053	2	6	5	257	1	6	31	53
W.P. Labuan	0	0	0	0	0	0	0	0	0	0
MALAYSIA	**210**	**15,957**	**18**	**56**	**21**	**797**	**3**	**29**	**117**	**174**

Nota/*Note:*
[1] **Termasuk W.P. Putrajaya** / *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 2018 (SAMB.)
Table 4.4 : Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2018 (Cont'd)

NEGERI *State*	FASILITI BERLESEN/*Licensed Health Facilities*								FASILITI BERDAFTAR/ *Registered Facilities*	
	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 *Beds/Chairs*	Bil. *No.*	Bil. *No.*
Johor	0	0	78	1,206	0	0	0	0	967	254
Kedah	0	0	43	457	0	0	0	0	372	76
Kelantan	0	0	16	157	0	0	0	0	221	64
Melaka	0	0	21	254	0	0	0	0	296	56
Negeri Sembilan	0	0	29	253	0	0	0	0	299	70
Pahang	0	0	21	245	0	0	0	0	243	58
Perak	0	0	46	584	0	0	0	0	640	134
Perlis	0	0	2	30	0	0	0	0	36	7
Pulau Pinang	0	0	42	501	0	0	0	0	548	171
Sabah	0	0	13	177	0	0	0	0	381	122
Sarawak	0	0	11	216	0	0	0	0	336	96
Selangor	3	13	105	1,129	0	0	0	0	2,050	745
Terengganu	0	0	14	130	0	0	0	0	176	50
W.P. Kuala Lumpur[1]	2	15	38	506	1	0	2	22/29	1,139	404
W.P. Labuan	0	0	0	0	0	0	0	0	14	4
MALAYSIA	**5**	**28**	**479**	**5,845**	**1**	**0**	**2**	**22/29**	**7,718**	**2,311**

Nota/*Note:*
[1] **Termasuk W.P. Putrajaya /** *Includes W.P. Putrajaya*

[2] **Pusat Jagaan Ambulatori dan Hemodialisis Swasta**
Private Ambulatory Care and Haemodialysis Centre

Punca : Bahagian Amalan Perubatan, Kementerian Kesihatan Malaysia
Source : Medical Practice Division, Ministry of Health Malaysia

JADUAL 4.5 : 10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2018
Table 4.5 : 10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia, 2018

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*	562,362	22.19
2	*Diseases of the respiratory system*	351,211	13.86
3	*Certain conditions originating in the perinatal period*	235,526	9.29
4	*Diseases of the circulatory system*	203,109	8.01
5	*Certain infectious and parasitic diseases*	188,733	7.45
6	*Injury, poisoning and certain other consequences of external causes*	176,909	6.98
7	*Neoplasms*	117,077	4.62
8	*Diseases of the digestive system*	116,469	4.60
9	*Diseases of the genitourinary system*	104,763	4.13
10	*Endocrine, nutritional and metabolic diseases*	77,744	3.07
	Jumlah / *Total*	**2,133,903**	**84.19**

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**
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, 2018[P]
Table 4.6. : 10 Principal Causes of Death[1] in Ministry of Health Hospitals, Malaysia, 2018[P]

NO. *Rank*	SEBAB UTAMA *Principal Causes*	BILANGAN KEMATIAN *Number of Deaths*	% KEPADA JUMLAH KEMATIAN[2] *% to Total Deaths[2]*
1	*Diseases of the circulatory system*	12,739	21.65
2	*Diseases of the respiratory system*	12,395	21.06
3	*Certain infectious and parasitic diseases*	7,531	12.80
4	*Neoplasms*	6,954	11.82
5	*Diseases of the genitourinary system*	3,299	5.61
6	*Endocrine, nutritional and metabolic diseases*	3,011	5.12
7	*Diseases of the digestive system*	2,767	4.70
8	*External causes of morbidity and mortality*	2,565	4.36
9	*Certain conditions originating in the perinatal period*	1,362	2.31
10	*Diseases of the nervous system*	1,120	1.90
	Jumlah / *Total*	**53,743**	**91.27**

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**
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, 2018
Table 4.7 : 10 Principal Causes of Hospitalisation in Private Hospitals, Malaysia, 2018

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*	166,307	18.73
2	*Certain infectious and parasitic diseases*	120,970	13.62
3	*Diseases of the digestive system*	90,604	10.20
4	*Pregnancy, childbirth and the puerperium*	70,139	7.90
5	*Injury, poisoning and certain other consequences of external causes*	67,667	7.62
6	*Diseases of the genitourinary system*	60,532	6.82
7	*Diseases of the circulatory system*	57,714	6.50
8	*Diseases of the musculoskeletal system and connective tissue*	55,794	6.28
9	*Neoplasms*	35,555	4.00
10	*Factors influencing health status and contact with health services*	32,490	3.66
	Jumlah / *Total*	**757,772**	**85.33**

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**
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, 2018
Table 4.8. : 10 Principal Causes of Death[1] in Private Hospitals, Malaysia, 2018

NO. *Rank*	SEBAB UTAMA *Principal Causes*	BILANGAN KEMATIAN *Number of Deaths*	% KEPADA JUMLAH KEMATIAN[2] *% to Total Deaths[2]*
1	*Neoplasms*	943	30.11
2	*Diseases of the circulatory system*	745	23.79
3	*Diseases of the respiratory system*	470	15.01
4	*Certain infectious and parasitic diseases*	428	13.67
5	*Diseases of the digestive system*	126	4.02
6	*Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified*	97	3.10
7	*Diseases of the genitourinary system*	95	3.03
8	*Injury, poisoning and certain other consequences of external causes*	47	1.50
9	*Diseases of the nervous system*	34	1.09
10	*Endocrine, nutritional and metabolic diseases*	31	0.99
	Jumlah / *Total*	**3,016**	**96.30**

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

[1] **Berdasarkan diagnosis punca utama kematian**
Based on immediate causes of death

[2] **Peratus kepada jumlah kematian dikira berdasarkan diagnosis sebab utama kematian yang mempunyai kod ICD - 10**
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, MALAYSIA, 2018
Table 4.9 : 10 Principal Causes of Hospitalization in Ministry of Health and Private Hospitals, Malaysia, 2018

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*	632,501	18.48
2	*Diseases of the respiratory system*	517,518	15.12
3	*Certain infectious and parasitic diseases*	309,703	9.05
4	*Diseases of the circulatory system*	260,823	7.62
5	*Certain conditions originating in the perinatal period*	247,142	7.22
6	*Injury, poisoning and certain other consequences of external causes*	244,576	7.15
7	*Diseases of the digestive system*	207,073	6.05
8	*Diseases of the genitourinary system*	165,295	4.83
9	*Neoplasms*	152,632	4.46
10	*Factors influencing health status and contact with health services*	105,822	3.09
	Jumlah / *Total*	**2,843,085**	**83.07**

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**
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, 2014 - 2018
Table 4.10 : Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2014 - 2018

PERKARA *Subject*	2014	2015	2016	2017	2018
Jumlah Kematian Di Hospital KKM *Total Number of Deaths in MoH Hospitals*	47,928	52,230	55,697	55,513	62,205
Jumlah Discaj Di Hospital KKM *Total Number of Discharges in MoH Hospitals*	2,251,704	2,350,675	2,352,815	2,389,128	2,630,709
Kadar Kes Kematian Di Hospital KKM *Case Fatality Rate in MoH Hospitals %*	2.13	2.22	2.37	2.32	2.36

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, 2018
Table 4.11 : Number of Admissions by Sector and State, Malaysia, 2018

NEGERI *State*	SEKTOR AWAM / *Public Sector*			SEKTOR SWASTA[2] *Private Sector*[2]	JUMLAH KEMASUKAN *Total Admission*
	KEMENTERIAN KESIHATAN MALAYSIA[1] *Ministry Of Health Malaysia*[1]		BUKAN KKM *Non MoH*		
	HOSPITAL	INSTITUSI PERUBATAN KHAS *Special Medical Institutions*			
Johor	345,435	495	-	77,486	423,416
Kedah	211,782	-	-	52,216	263,998
Kelantan	153,822	-	43,487	16,489	213,798
Melaka	88,342	-	3,389	61,983	153,714
Negeri Sembilan	128,100	-	132	52,794	181,026
Pahang	160,939	-	6,966	23,385	191,290
Perak	240,939	2,164	3,267	92,868	339,238
Perlis	36,614	-	-	636	37,250
Pulau Pinang	141,415	-	-	159,851	301,266
Sabah	209,305	32,777	182	18,398	260,662
Sarawak	213,003	782	-	39,095	252,880
Selangor	337,199	37	3,079	318,482	658,797
Terengganu	148,186	-	-	6,472	154,658
W.P. Kuala Lumpur	125,405	4,421	101,611	178,890	410,327
W.P. Labuan	8,205	-	-	-	8,205
W.P. Putrajaya	30,926	9,533	-	-	40,459
MALAYSIA	**2,579,617**	**50,209**	**162,113**	**1,099,045**	**3,890,984**

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.**
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 PESAKIT LUAR MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2018
Table 4.12 : Number of Outpatient Attendances by Sector and State, Malaysia, 2018

NEGERI *State*	SEKTOR AWAM / *Public Sector*				SEKTOR SWASTA[3] *Private Sector*[3]	JUMLAH PESAKIT LUAR *Total Patients*
	KEMENTERIAN KESIHATAN MALAYSIA *Ministry Of Health Malaysia*			BUKAN KKM *Non MoH*		
	HOSPITAL	INSTITUSI PERUBATAN KHAS[1] *Special Medical Institutions*[1]	FASILITI KESIHATAN AWAM[2] *Public Health Facilities*[2]			
Johor	2,223,323	26,608	5,242,650	-	169,214	7,661,795
Kedah	1,645,298	-	3,340,548	-	82,010	5,067,856
Kelantan	863,425	-	2,925,859	377,611	82,782	4,249,677
Melaka	667,705	-	2,055,186	69,941	189,435	2,982,267
Negeri Sembilan	801,851	-	2,489,210	18,094	78,837	3,387,992
Pahang	1,082,301	-	2,850,624	80,982	39,813	4,053,720
Perak	2,532,972	20,144	4,642,967	74,788	363,671	7,634,542
Perlis	229,942	-	761,935	-	7,522	999,399
Pulau Pinang	1,701,886	-	2,935,666	-	219,118	4,856,670
Sabah	2,312,452	200,062	2,875,369	8,163	188,298	5,584,344
Sarawak	1,870,360	14,698	4,320,922	-	341,982	6,547,962
Selangor	3,365,135	-	6,520,595	93,825	1,485,007	11,464,562
Terengganu	806,680	-	1,731,197	-	33,493	2,571,370
W.P. Kuala Lumpur	924,446	22,011	2,365,636	1,751,453	536,210	5,599,756
W.P. Labuan	68,431	-	157,868	-	-	226,299
W.P. Putrajaya	296,005	52,108	-	-	-	348,113
MALAYSIA	**21,392,212**	**335,631**	**45,216,232**	**2,474,857**	**3,817,392**	**73,236,324**

Nota/*Note:*
[1] **Berdasarkan 93.33% kadar respon** / *Based on 93.33% response rate*

[2] **Berdasarkan 99.31% kadar respon** / *Based on 99.31% response rate*

[3] **Berdasarkan 88.78% kadar respon. Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta**
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, 2018

Table 4.13 : Number of Day Care Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2018

NEGERI *State*	KEDATANGAN PERKHIDMATAN RAWATAN HARIAN[1] / *Day Care Services Attendances*[1]		
	HOSPITAL	INSTITUSI PERUBATAN KHAS *Special Medical Institutions*	JUMLAH *Total*
Johor	141,804	-	141,804
Kedah	118,357	-	118,357
Kelantan	111,683	-	111,683
Melaka	37,476	-	37,476
Negeri Sembilan	79,826	-	79,826
Pahang	104,801	-	104,801
Perak	132,634	-	132,634
Perlis	16,264	-	16,264
Pulau Pinang	53,433	-	53,433
Sabah	194,043	16,518	210,561
Sarawak	217,957	-	217,957
Selangor	173,034	25	173,059
Terengganu	102,886	-	102,886
W.P. Kuala Lumpur	15,222	42	15,264
W.P. Labuan	13,948	-	13,948
W.P. Putrajaya	9,957	9,307	19,264
MALAYSIA	**1,523,325**	**25,892**	**1,549,217**

Nota/*Note:*
[1] **Berdasarkan 89.10% kadar respon**
Based on 89.10% response rate

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.14 : BILANGAN KEDATANGAN PERKHIDMATAN SOKONGAN KLINIKAL DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA MENGIKUT NEGERI, MALAYSIA, 2018

Table 4.14. : Number of Clinical Support Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2018

NEGERI *State*	KEDATANGAN PERKHIDMATAN SOKONGAN KLINIKAL / *Clinical Support Services Attendances*											
	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	24,479	16,945	9,590	7,374	13,468	152	34,919	17,548	142,772	19,326	277,876	41,336
Kedah	13,920	6,431	5,369	2,084	5,974	1,184	19,735	4,052	75,390	15,496	160,291	16,462
Kelantan	5,240	1,343	3,441	2,124	4,995	1,330	11,081	2,027	41,430	7,577	122,193	18,144
Melaka	4,732	3,272	1,362	728	2,346	3	11,438	6,484	39,184	6,388	85,800	8,722
Negeri Sembilan	6,169	2,858	3,109	2,573	3,747	127	17,217	10,192	44,046	12,828	131,134	6,854
Pahang	9,408	8,158	2,727	2,616	7,615	596	13,422	6,184	65,531	17,101	179,038	37,151
Perak	15,322	15,880	8,118	7,943	8,443	1,618	25,635	18,061	165,285	26,628	279,163	109,673
Perlis	4,796	4,426	1,976	1,661	1,788	311	2,646	61	16,406	10,991	34,153	10,702
Pulau Pinang	13,158	12,510	5,069	4,480	6,336	466	17,368	5,445	106,288	19,008	213,041	38,553
Sabah	10,277	3,490	7,238	1,289	11,937	8,136	23,231	10,385	110,863	31,541	308,166	45,080
Sarawak	14,678	9,720	4,896	4,576	24,262	5,806	21,968	18,525	122,290	37,314	260,972	59,800
Selangor	27,575	8,903	15,007	7,505	22,919	1,667	44,801	16,738	173,897	20,946	330,469	19,979
Terengganu	19,305	14,266	2,652	1,648	4,723	350	19,259	5,098	51,236	7,334	113,544	9,453
W.P. Kuala Lumpur	8,663	5,905	5,542	1,136	7,649	312	24,942	9,111	68,104	8,146	239,596	38,040
W.P. Labuan	0	0	0	0	428	24	1,321	1,310	1,730	823	11,747	5,562
W.P. Putrajaya	3,198	2,727	2,588	1,326	2,799	15	14,385	955	12,767	72	48,148	1,245
MALAYSIA	**180,920**	**116,834**	**78,684**	**49,063**	**129,429**	**22,097**	**303,368**	**132,176**	**1,237,219**	**241,519**	**2,795,331**	**466,756**

Nota/*Note:*
[1] **Berdasarkan 64.58% kadar penghantaran** / *Based on 64.58% submission rate*
[2] **Berdasarkan 62.35% kadar penghantaran** / *Based on 62.35% submission rate*
[3] **Berdasarkan 17.37% kadar penghantaran** / *Based on 17.37% submission rate*
[4] **Berdasarkan 43.57% kadar penghantaran** / *Based on 43.57% submission rate*
[5] **Berdasarkan 19.52% kadar penghantaran** / *Based on 19.52% submission rate*
[6] **Berdasarkan 16.70% kadar penghantaran** / *Based on 16.70% 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, 2018
Table 4.15 : Number of Antenatal and Child Services Health Attendances by State, Malaysia, 2018

NEGERI *State*	KEDATANGAN ANTENATAL *Antenatal Attendances*	KEDATANGAN POSTNATAL *Postnatal Attendances*	KEDATANGAN KANAK-KANAK *Child Attendances*
Johor	783,989	68,412	1,043,140
Kedah	437,082	35,470	719,761
Kelantan	448,401	36,512	691,843
Melaka	190,426	14,780	228,274
Negeri Sembilan	262,122	19,560	317,889
Pahang	387,610	28,729	560,780
Perak	445,787	37,410	616,224
Perlis	46,211	4,649	70,246
Pulau Pinang	318,104	27,082	496,585
Sabah	516,994	49,070	842,278
Sarawak	400,705	35,840	676,671
Selangor	1,152,430	91,528	2,531,376
Terengganu	486,598	28,539	720,445
W.P. Kuala Lumpur	284,368	15,405	351,811
W.P. Labuan	22,141	1,726	30,196
W.P. Putrajaya	36,191	1,928	40,856
MALAYSIA	**6,219,159**	**496,640**	**9,938,375**

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, 2018
Table 4.16 : School Coverage by Health Services by State, Malaysia, 2018

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	969	969	100.00	329	329	100.00
Kedah	574	574	100.00	234	234	100.00
Kelantan	489	489	100.00	247	247	100.00
Melaka	245	245	100.00	82	82	100.00
Negeri Sembilan	369	369	100.00	134	134	100.00
Pahang	564	564	100.00	230	230	100.00
Perak	892	892	100.00	287	287	100.00
Perlis	77	77	100.00	33	33	100.00
Pulau Pinang	289	289	100.00	141	141	100.00
Sabah	1,104	1,104	100.00	238	238	100.00
Sarawak	1,371	1,370	99.93	215	215	100.00
Selangor	782	782	100.00	372	372	100.00
Terengganu	372	372	100.00	159	159	100.00
W.P. Kuala Lumpur	210	210	100.00	103	103	100.00
W.P. Labuan	18	18	100.00	11	11	100.00
W.P. Putrajaya	18	18	100.00	12	11	91.67
MALAYSIA	**8,343**	**8,342**	**99.99**	**2,827**	**2,826**	**99.96**

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, 2018
Table 4.17 : Number of Dental Health Services Attendances by State, Malaysia, 2018

NEGERI *State*	KEDATANGAN PERKHIDMATAN KESIHATAN PERGIGIAN *Dental Health Services Attendances*
Johor	1,547,612
Kedah	898,775
Kelantan	1,043,392
Melaka	547,908
Negeri Sembilan	635,235
Pahang	888,184
Perak	1,185,769
Perlis	166,138
Pulau Pinang	734,401
Sabah	1,186,364
Sarawak	1,054,486
Selangor	1,918,104
Terengganu	759,647
W.P. Kuala Lumpur	654,416
W.P. Labuan	53,655
W.P. Putrajaya	116,334
MALAYSIA	**13,390,420**

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 2018
Table 4.18 : Index of Health Legislation in Malaysia, Up to 2018

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)*
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)*

JADUAL 4.18 : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2018 (SAMB.)
Table 4.18 : Index of Health Legislation in Malaysia, Up to 2018 (Cont'd)

NO. *Rank*	TAJUK *Title*
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 Enforcement*
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 Enforcement*
24	**Akta Juruanalisis Makanan 2011 (Akta 727)** *Food Analyst Act 2011 [Act 727]*
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]*

JADUAL 4.18 : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2018 (SAMB.)
Table 4.18 : Index of Health Legislation in Malaysia, Up to 2018 (Cont'd)

NO. *Rank*	TAJUK *Title*
29	*Fees Act 1951 - Fees (Medical) (Amendment) Order 2033 [PU(A)6/2003]*
30	*Fees Act 1951 - Fees (Medical) (Amendment) Order 1994 [PU(A)5/1994]*
31	*Fees Act 1951 - Fees (Medical) (Amendment) (No. 2) Order 1994 [PU(A)468/1994]*
32	*Fees Act 1951 - Fees (Medical) Order 1982 [PU(A)359/1982]*
33	*Fees Act 1951 - Fees (Medical) (Full Paying Patient) Order 2007 [PU(A)252]*
34	*Fees Act 1951 - Fees (Medical) (Cost Of Services) Order 2014 [PU(A)363]*
35	**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 2018

Table 4.19 : Number of Doctors by State, Sector and Ratio of Doctor to Population, Malaysia as at 31 December 2018

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	3,512	29	3,541	1,605	5,146	1: 727
Kedah	2,536	22	2,558	622	3,180	1: 680
Kelantan	2,043	101	2,144	309	2,453	1: 757
Melaka	1,315	39	1,354	576	1,930	1: 478
Negeri Sembilan	2,214	121	2,335	533	2,868	1: 394
Pahang	2,055	104	2,159	380	2,539	1: 656
Perak	3,106	40	3,146	1,091	4,237	1: 591
Perlis	540	3	543	62	605	1: 420
Pulau Pinang	2,311	430	2,741	1,222	3,963	1: 446
Sabah	3,873	133	4,006	551	4,557	1: 856
Sarawak	3,507	165	3,672	543	4,215	1: 662
Selangor	6,627	1,254	7,881	4,209	12,090	1: 535
Terengganu	1,717	88	1,805	262	2,067	1: 595
W.P. Kuala Lumpur	3,813	925	4,738	2,626	7,364	1: 244
W.P. Labuan	109	1	110	24	134	1: 740
W.P. Putrajaya	3,774	2	3,776	34	3,810	1: 24
MALAYSIA	**43,052**	**3,457**	**46,509**	**14,649**	**61,158**	**1: 530**

Nota/*Note:*

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

[2] **Data dari Kementerian Pendidikan Malaysia dan Kementerian Pertahanan Malaysia**
Data from Ministry of Education and MinDef

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, 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 2018

Table 4.20 : Number of Dentists[1] by State, Sector and Ratio of Dentist to Population, Malaysia as at 31 December 2018

NEGERI *State*	SEKTOR AWAM *Public Sector*			SEKTOR SWASTA *Private Sector*	JUMLAH *Total*	NISBAH DOKTOR KEPADA PENDUDUK *Doctor to Population Ratio*
	KKM *MoH*	BUKAN KKM *Non MoH*	JUMLAH *Total*			
Johor	604	9	613	373	986	1: 3,795
Kedah	393	6	399	97	496	1: 4,362
Kelantan	445	97	542	61	603	1: 3,079
Melaka	289	12	301	91	392	1: 2,353
Negeri Sembilan	352	7	359	85	444	1: 2,545
Pahang	437	50	487	73	560	1: 2,974
Perak	449	9	458	174	632	1: 3,963
Perlis	135	0	135	11	146	1: 1,738
Pulau Pinang	399	21	420	247	667	1: 2,649
Sabah	321	6	327	136	463	1: 8,422
Sarawak	401	6	407	122	529	1: 5,278
Selangor	658	118	776	1,050	1,826	1: 3,545
Terengganu	446	2	448	50	498	1: 2,471
W.P. Kuala Lumpur	307	343	650	659	1,309	1: 1,371
W.P. Labuan	22	1	23	4	27	1: 3,674
W.P. Putrajaya	110	0	110	11	121	1: 747
MALAYSIA	**5,768**	**687**	**6,455**	**3,244**	**9,699**	**1: 3,339**

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.21 : BILANGAN PEGAWAI FARMASI[1] MENGIKUT NEGERI, SEKTOR DAN NISBAH AHLI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.21 : Number of Pharmacists[1] by State, Sector and Ratio of Pharmacist to Population, Malaysia as at 31 December 2018

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	844	0	844	461	1,305	1: 2,868
Kedah	445	0	445	247	692	1: 3,127
Kelantan	381	33	414	118	532	1: 3,490
Melaka	246	3	249	154	403	1: 2,288
Negeri Sembilan	362	0	362	165	527	1: 2,144
Pahang	470	28	498	99	597	1: 2,790
Perak	768	1	769	324	1,093	1: 2,292
Perlis	98	1	99	23	122	1: 2,080
Pulau Pinang	636	45	681	490	1,171	1: 1,509
Sabah	518	1	519	246	765	1: 5,097
Sarawak	632	0	632	360	992	1: 2,815
Selangor	1,639	24	1,663	1,670	3,333	1: 1,942
Terengganu	317	3	320	66	386	1: 3,188
W.P. Kuala Lumpur	454	119	573	718	1,291	1: 1,391
W.P. Labuan	31	0	31	4	35	1: 2,834
W.P. Putrajaya	147	0	147	29	176	1: 514
MALAYSIA	**7,988**	**258**	**8,246**	**5,174**	**13,420**	**1: 2,413**

Nota/*Note:*
[1] **Data dari Lembaga Farmasi Malaysia /** *Data from Pharmacy Boad Malaysia*

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.22 : BILANGAN JURUOPTIK[1] BERDAFTAR MENGIKUT NEGERI, DI SEKTOR SWASTA DAN NISBAH JURUOPTIK KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.22 : Number of Registered Opticians[1] in Private Sector and Ratio of Optician to Population, Malaysia as at 31 December 2018

NEGERI *State*	SEKTOR SWASTA *Private Sector*	NISBAH JURUOPTIK KEPADA PENDUDUK *Optician to Population Ratio*
Johor	343	1: 10,910
Kedah	92	1: 23,518
Kelantan	40	1: 46,420
Melaka	86	1: 10,723
Negeri Sembilan	82	1: 13,782
Pahang	90	1: 18,508
Perak	239	1: 10,481
Perlis	8	1: 31,725
Pulau Pinang	167	1: 10,580
Sabah	116	1: 33,615
Sarawak	139	1: 20,086
Selangor	600	1: 10,787
Terengganu	16	1: 76,900
W.P. Kuala Lumpur	419	1: 4,284
W.P. Labuan	4	1: 24,800
W.P. Putrajaya	7	1: 12,914
MALAYSIA	**2,448**	**1: 13,229**

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.23 : BILANGAN OPTOMETRIS[1] BERDAFTAR MENGIKUT NEGERI, SEKTOR DAN NISBAH OPTOMETRIS KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.23 : Number of Registered Optometrists[1] by State, Sector and Ratio of Optometrist to Population, Malaysia as at 31 December 2018

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	29	0	29	99	128	1: 29,236
Kedah	19	0	19	56	75	1: 28,849
Kelantan	16	3	19	51	70	1: 26,526
Melaka	8	0	8	37	45	1: 20,493
Negeri Sembilan	13	0	13	33	46	1: 24,567
Pahang	19	15	34	27	61	1: 27,307
Perak	26	0	26	61	87	1: 28,792
Perlis	4	0	4	6	10	1: 25,380
Pulau Pinang	13	0	13	121	134	1: 13,185
Sabah	17	0	17	43	60	1: 64,988
Sarawak	20	0	20	39	59	1: 47,322
Selangor	49	17	66	443	509	1: 12,716
Terengganu	16	0	16	40	56	1: 21,971
W.P. Kuala Lumpur	21	24	45	234	279	1: 6,434
W.P. Labuan	2	0	2	1	3	1: 33,067
W.P. Putrajaya	14	0	14	7	21	1: 4,305
MALAYSIA	**286**	**59**	**345**	**1,298**	**1,643**	**1: 19,711**

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.24 : BILANGAN JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.24 : Number of Nurses by State, Sector and Ratio of Nurse to Population, Malaysia as at 31 December 2018

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	6,634	43	6,677	3,709	10,386	1:360
Kedah	4,610	8	4,618	1,129	5,747	1:376
Kelantan	3,460	1,266	4,726	684	5,410	1:343
Melaka	2,091	33	2,124	1,662	3,786	1:244
Negeri Sembilan	2,582	9	2,591	1,274	3,865	1:292
Pahang	3,979	18	3,997	1,190	5,187	1:321
Perak	5,798	28	5,826	1,883	7,709	1:325
Perlis	892	14	906	44	950	1:267
Pulau Pinang	3,489	42	3,531	4,222	7,753	1:228
Sabah	7,043	72	7,115	1,553	8,668	1:450
Sarawak	5,637	103	5,740	1,423	7,163	1:390
Selangor	8,711	987	9,698	9,317	19,015	1:340
Terengganu	2,835	73	2,908	347	3,255	1:378
W.P. Kuala Lumpur	5,616	3,645	9,261	6,413	15,674	1:115
W.P. Labuan	229	1	230	9	239	1:415
W.P. Putrajaya	1,547	4	1,551	15	1,566	1:58
MALAYSIA	**65,153**	**6,346**	**71,499**	**34,874**	**106,373**	**1:304**

Nota/*Note:*

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

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.25 : BILANGAN JURURAWAT MASYARAKAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT MASYARAKAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.25 : Number of Community Nurses by State, Sector and Ratio of Community Nurse to Population, Malaysia as at 31 December 2018

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	1,923	10	1,933	30	1,963	1: 1,906
Kedah	1,654	0	1,654	11	1,665	1: 1,300
Kelantan	1,669	3	1,672	10	1,682	1: 1,104
Melaka	701	0	701	7	708	1: 1,303
Negeri Sembilan	868	4	872	5	877	1: 1,289
Pahang	1,700	4	1,704	8	1,712	1: 973
Perak	1,992	0	1,992	3	1,995	1: 1,256
Perlis	328	2	330	1	331	1: 767
Pulau Pinang	957	2	959	49	1,008	1: 1,753
Sabah	3,619	5	3,624	73	3,697	1: 1,055
Sarawak	2,625	2	2,627	31	2,658	1: 1,050
Selangor	2,507	20	2,527	31	2,558	1: 2,530
Terengganu	1,410	11	1,421	0	1,421	1: 866
W.P. Kuala Lumpur	831	12	843	19	862	1: 2,083
W.P. Labuan	112	0	112	0	112	1: 886
W.P. Putrajaya	240	0	240	1	241	1: 375
MALAYSIA	**23,136**	**75**	**23,211**	**279**	**23,490**	**1: 1,379**

Nota/*Note:*

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

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.26 : BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.26 : Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia as at 31 December 2018

NEGERI *State*	SEKTOR AWAM *Public Sector*			SEKTOR SWASTA[2] *Private Sector*[2]	JUMLAH *Total*	NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK *Assistant Medical Officer to Population Ratio*
	KKM[1] *MoH*[1]	BUKAN KKM[2] *Non MoH*[2]	JUMLAH *Total*			
Johor	1,246	13	1,259	198	1,457	1: 2,568
Kedah	889	33	922	232	1,154	1: 1,875
Kelantan	801	26	827	503	1,330	1: 1,396
Melaka	506	52	558	68	626	1: 1,473
Negeri Sembilan	654	93	747	92	839	1: 1,347
Pahang	954	54	1,008	173	1,181	1: 1,410
Perak	1,367	2	1,369	247	1,616	1: 1,550
Perlis	224	20	244	41	285	1: 891
Pulau Pinang	718	0	718	55	773	1: 2,286
Sabah	1,614	39	1,653	207	1,860	1: 2,096
Sarawak	1,749	28	1,777	452	2,229	1: 1,253
Selangor	1,581	23	1,604	248	1,852	1: 3,495
Terengganu	668	37	705	225	930	1: 1,323
W.P. Kuala Lumpur	857	35	892	263	1,155	1: 1,554
W.P. Labuan	62	32	94	6	100	1: 992
W.P. Putrajaya	463	36	499	9	508	1: 178
MALAYSIA	**14,353**	**523**	**14,876**	**3,019**	**17,895**	**1: 1,810**

Nota/*Note:*

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

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.27 : BILANGAN PENOLONG PEGAWAI FARMASI MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.27 : Number of Assistant Pharmacy Officers by State and Ratio of Assistant Pharmacy Officer to Population, Malaysia as at 31 December 2018

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	432	8	440	158	598	1: 6,258
Kedah	256	7	263	71	334	1: 6,478
Kelantan	265	69	334	27	361	1: 5,143
Melaka	136	7	143	59	202	1: 4,565
Negeri Sembilan	168	4	172	70	242	1: 4,670
Pahang	285	8	293	60	353	1: 4,719
Perak	379	8	387	153	540	1: 4,639
Perlis	46	1	47	0	47	1: 5,400
Pulau Pinang	181	31	212	208	420	1: 4,207
Sabah	528	7	535	19	554	1: 7,038
Sarawak	478	6	484	41	525	1: 5,318
Selangor	489	16	505	530	1,035	1: 6,254
Terengganu	211	4	215	2	217	1: 5,670
W.P. Kuala Lumpur	255	248	503	254	757	1: 2,371
W.P. Labuan	13	1	14	0	14	1: 7,086
W.P. Putrajaya	77	0	77	0	77	1: 1,174
MALAYSIA	**4,199**	**425**	**4,624**	**1,652**	**6,276**	**1: 5,160**

Nota/*Note:*

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

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.28 : BILANGAN JURUTERAPI PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUTERAPI PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.28 : Number of Dental Therapist in Public Sector by State and Ratio of Dental Therapist to Population, Malaysia as at 31 December 2018

NEGERI *State*	SEKTOR AWAM *Public Sector*			NISBAH JURUTERAPI PERGIGIAN KEPADA PENDUDUK BERUMUR ≤ 18 TAHUN *Dental Therapist to Population Age ≤ 18 Year Ratio*
	KKM[1] *MoH[1]*	BUKAN KKM *Non MoH*	JUMLAH *Total*	
Johor	182		182	1: 6,287
Kedah	183		183	1: 3,811
Kelantan	199		199	1: 3,570
Melaka	102		102	1: 2,672
Negeri Sembilan	136		136	1: 2,520
Pahang	206		206	1: 2,642
Perak	230		230	1: 3,163
Perlis	61	n.a.	61	1: 1,290
Pulau Pinang	175		175	1: 2,540
Sabah	380		380	1: 3,351
Sarawak	398		398	1: 2,157
Selangor	243		243	1: 7,767
Terengganu	152		152	1: 3,088
W.P. Kuala Lumpur	145		145	1: 3,186
W.P. Labuan	14		14	1: 2,357
W.P. Putrajaya	57		57	1: 709
MALAYSIA	**2,863**		**2,863**	**1: 3,488**

Nota/*Note*:
[1] **Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia**
Data from Human Resource Division, Ministry of Health Malaysia

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.29 : BILANGAN JURUTEKNOLOGI PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUTEKNOLOGI PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.29 : Number of Dental Technologists in Public Sector by State and Ratio of Dental Technologists to Population, Malaysia as at 31 December 2018

NEGERI *State*	SEKTOR AWAM *Public Sector*			SEKTOR SWASTA *Private Sector*	JUMLAH *Total*	NISBAH JURUTEKNOLOGI PERGIGIAN KEPADA PENDUDUK *Dental Technologist to Population Ratio*
	KKM[1] *MoH[1]*	BUKAN KKM *Non MoH*	JUMLAH *Total*			
Johor	65		65		65	1: 57,572
Kedah	65		65		65	1: 33,288
Kelantan	74		74		74	1: 25,092
Melaka	31		31		31	1: 29,748
Negeri Sembilan	52		52		52	1: 21,733
Pahang	59		59		59	1: 28,232
Perak	70		70		70	1: 35,784
Perlis	21	n.a.	21	n.a.	21	1: 12,086
Pulau Pinang	38		38		38	1: 46,495
Sabah	101		101		101	1: 38,607
Sarawak	111		111		111	1: 25,153
Selangor	94		94		94	1: 68,855
Terengganu	71		71		71	1: 17,330
W.P. Kuala Lumpur	49		49		49	1: 36,637
W.P. Labuan	3		3		3	1: 33,067
W.P. Putrajaya	20		20		20	1: 4,520
MALAYSIA	**924**		**924**		**924**	**1: 35,049**

Nota/*Note:*
[1] **Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia**
Data from Human Resource Division, Ministry of Health Malaysia

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.30 : BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.30 : Number of Dental Surgery Assistants In Public Sector by State and Ratio of Dental Surgery Assistant to Population, Malaysia as at 31 December 2018

NEGERI *State*	SEKTOR AWAM *Public Sector*			SEKTOR SWASTA *Private Sector*	JUMLAH *Total*	NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK *Dental Surgery Assistant to Population Ratio*
	KKM[1] *MoH[1]*	BUKAN KKM *Non MoH*	JUMLAH *Total*			
Johor	340	n.a.	340	n.a.	340	1: 11,006
Kedah	252		252		252	1: 8,586
Kelantan	246		246		246	1: 7,548
Melaka	176		176		176	1: 5,240
Negeri Sembilan	220		220		220	1: 5,137
Pahang	323		323		323	1: 5,157
Perak	337		337		337	1: 7,433
Perlis	90		90		90	1: 2,820
Pulau Pinang	258		258		258	1: 6,848
Sabah	358		358		358	1: 10,892
Sarawak	397		397		397	1: 7,033
Selangor	390		390		390	1: 16,596
Terengganu	272		272		272	1: 4,524
W.P. Kuala Lumpur	289		289		289	1: 6,212
W.P. Labuan	14		14		14	1: 7,086
W.P. Putrajaya	25		25		25	1: 3,616
MALAYSIA	**3,987**		**3,987**		**3,987**	**1: 8,123**

Nota/*Note*:
[1] **Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia**
Data from Human Resource Division, Ministry of Health Malaysia

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.31 : BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN[1] MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.31 : Number of Assistant Environmental Health Officers[1] by State and Ratio of Assistant Environmental Health Officer to Population, Malaysia as at 31 December 2018

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: 9,695
Kedah	361	1: 5,994
Kelantan	346	1: 5,366
Melaka	131	1: 7,040
Negeri Sembilan	208	1: 5,433
Pahang	359	1: 4,640
Perak	346	1: 7,240
Perlis	84	1: 3,021
Pulau Pinang	245	1: 7,211
Sabah	741	1: 5,262
Sarawak	742	1: 3,763
Selangor	488	1: 13,263
Terengganu	284	1: 4,332
W.P. Kuala Lumpur	196	1: 9,159
W.P. Labuan	33	1: 3,006
W.P. Putrajaya	134	1: 675
MALAYSIA	**5,084**	**1: 6,370**

Nota/*Note*:
[1] **Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia**
Data from Human Resource Division, Ministry of Health Malaysia

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.32 : BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN[1] MENGIKUT NEGERI DAN NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.32 : Number of Medical Laboratory Technologists[1] by State and Ratio of Medical Laboratory Technologist to Population, Malaysia as at 31 December 2018

NEGERI *State*	KEMENTERIAN KESIHATAN MALAYSIA *Ministry of Health Malaysia*	NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK *Medical Laboratory Technologist to Population Ratio*
Johor	561	1: 6,671
Kedah	352	1: 6,147
Kelantan	398	1: 4,665
Melaka	206	1: 4,477
Negeri Sembilan	280	1: 4,036
Pahang	381	1: 4,372
Perak	526	1: 4,762
Perlis	76	1: 3,339
Pulau Pinang	278	1: 6,355
Sabah	757	1: 5,151
Sarawak	825	1: 3,384
Selangor	717	1: 9,027
Terengganu	272	1: 4,524
W.P. Kuala Lumpur	718	1: 2,500
W.P. Labuan	26	1: 3,815
W.P. Putrajaya	33	1: 2,739
MALAYSIA	**6,406**	**1: 5,055**

Nota/*Note:*
[1] **Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia**
Data from Human Resource Division, Ministry of Health Malaysia

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.33 : BILANGAN JURU X-RAY[1] MENGIKUT NEGERI DAN NISBAH JURU X-RAY KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.33 : Number of Radiographers[1] by State and Ratio of Radiographer to Population, Malaysia as at 31 December 2018

NEGERI *State*	KEMENTERIAN KESIHATAN MALAYSIA *Ministry of Health Malaysia*	NISBAH JURU X-RAY KEPADA PENDUDUK *Radiographer to Population Ratio*
Johor	343	1: 10,910
Kedah	174	1: 12,435
Kelantan	143	1: 12,985
Melaka	80	1: 11,528
Negeri Sembilan	123	1: 9,188
Pahang	171	1: 9,741
Perak	218	1: 11,490
Perlis	37	1: 6,859
Pulau Pinang	158	1: 11,182
Sabah	304	1: 12,827
Sarawak	332	1: 8,410
Selangor	329	1: 19,673
Terengganu	116	1: 10,607
W.P. Kuala Lumpur	257	1: 6,985
W.P. Labuan	11	1: 9,018
W.P. Putrajaya	113	1: 800
MALAYSIA	**2,909**	**1: 11,133**

Nota/*Note*:
[1] **Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia**
Data from Human Resource Division, Ministry of Health Malaysia

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.34 : BILANGAN JURUPULIH PERUBATAN FISIOTERAPI[1] MENGIKUT NEGERI DAN NISBAH JURUPULIH PERUBATAN ANGGOTA KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.34 : Number of Physiotherapists[1] by State and Ratio of Physiotherapist to Population, Malaysiaas at 31 December 2018

NEGERI *State*	KEMENTERIAN KESIHATAN MALAYSIA *Ministry of Health Malaysia*	NISBAH JURUPULIH PERUBATAN ANGGOTA KEPADA PENDUDUK *Physiotherapist to Population Ratio*
Johor	111	1: 33,714
Kedah	77	1: 28,100
Kelantan	85	1: 21,845
Melaka	40	1: 23,055
Negeri Sembilan	60	1: 18,835
Pahang	82	1: 20,313
Perak	106	1: 23,631
Perlis	18	1: 14,100
Pulau Pinang	85	1: 20,786
Sabah	164	1: 23,776
Sarawak	161	1: 17,342
Selangor	149	1: 43,439
Terengganu	69	1: 17,832
W.P. Kuala Lumpur	154	1: 11,657
W.P. Labuan	6	1: 16,533
W.P. Putrajaya	54	1: 1,674
MALAYSIA	**1,421**	**1: 22,790**

Nota/*Note:*
[1] **Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia**
Data from Human Resource Division, Ministry of Health Malaysia

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.35 : BILANGAN JURUPULIH CARA KERJA[1] MENGIKUT NEGERI DAN NISBAH JURUPULIH CARAKERJA KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2018

Table 4.35 : Number of Occupational Therapists[1] by State and Ratio of Occupational Therapist to Population, Malaysia as at 31 December 2018

NEGERI *State*	KEMENTERIAN KESIHATAN MALAYSIA *Ministry of Health Malaysia*	NISBAH JURUPULIH CARA KERJA KEPADA PENDUDUK *Occupational Therapist to Pupulation Ratio*
Johor	127	1: 29,466
Kedah	68	1: 31,819
Kelantan	57	1: 32,575
Melaka	36	1: 25,617
Negeri Sembilan	61	1: 18,526
Pahang	65	1: 25,626
Perak	131	1: 19,121
Perlis	16	1: 15,863
Pulau Pinang	78	1: 22,651
Sabah	153	1: 25,486
Sarawak	113	1: 24,708
Selangor	110	1: 58,840
Terengganu	55	1: 22,371
W.P. Kuala Lumpur	83	1: 21,629
W.P. Labuan	4	1: 24,800
W.P. Putrajaya	18	1: 5,022
MALAYSIA	**1,175**	**1: 27,562**

Nota/*Note:*
[1] **Data dari Bahagian Sumber Manusia, Kementerian Kesihatan Malaysia**
Data from Human Resource Division, Ministry of Health Malaysia

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.36 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN PRA PERKHIDMATAN PROGAM DI INSTITUSI LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2018

Table 4.36 : Total Intake of Trainees fo Pre-service Training Program by Diciplines in the Training Institutions of Ministry of Health Malaysia, 2018

JENIS *Type*	**BILANGAN INSTITUSI LATIHAN KKM** *No. of Trainning Institution MoH*	**PENGAMBILAN TAHUNAN** *Annual Intake*
Jurupulih Cara Kerja *Occupational Therapist*	2	87
Jurupulih Anggota *Physiotherapist*	2	83
Juru X-Ray *Radiographer*	2	93
Juruteknologi Makmal Perubatan *Medical Laboratory Technologist*	2	180
Penolong Pegawai Perubatan *Medical Assistant*	6	866
Jururawat *Nurse*	16	1,671
Jururawat Masyarakat *Community Nurse*	12	0
Penolong Pegawai Farmasi *Pharmacist Assistant*	1	169
Pen. Peg. Kesihatan Persekitaran *Assistant Environmental Health Officer*	2	178
Pembantu Kesihatan Awam *Public Health Assistant*	3	126
Juruterapi* Pergigian *Dental Therapist**	1	67
Juruteknologi Pergigian *Dental Technologist*	1	53
Pembantu Pembedahan Pergigian *Dental Surgery Assistant*	1	236

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.37 : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI INSTITUSI LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2018

Table 4.37 : Ratio of Teaching Staff to Students by Category in the Training Institution of Ministry of Health Malaysia, 2018

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*	282	25	1: 11
Jurupulih Anggota *Physiotherapist*	284	25	1: 11
Juru X-Ray *Radiographer*	241	35	1: 7
Juruteknologi Makmal Perubatan *Medical Laboratory Technologist*	542	77	1: 7
Penolong Pegawai Perubatan *Assistant Medical Assistant*	3,234	143	1: 23
Jururawat *Nurse*	4,076	622	1: 7
Jururawat Masyarakat *Community Nurse*	n.a	n.a	n.a
Penolong Pegawai Farmasi *Pharmacist Assistant*	583	20	1: 29
Penolong Pegawai Kesihatan Persekitaran *Assistant Environmental Health Officer*	660	83	1: 12
Pembantu Kesihatan Awam *Public Health Assistant*	319		
Juruterapi Pergigian[2] *Dental Therapist[2]*	162	11	1: 21
Juruteknologi Pergigian *Dental Technologist*	228	25	1: 28
Pembantu Pembedahan Pergigian *Dental Surgery Assistant*	544		

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 4.38 : PERUNTUKAN BELANJA MENGURUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM, MALAYSIA, 2018
Table 4.38 : Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2018

KOD PROGRAM *Program Code*	TAJUK *Title*	PERUNTUKAN *Allocation* (RM)	PERBELANJAAN *Expenditure* (RM)	PERATUSAN PERBELANJAAN *Expenditure Percentage*
010000	**Perubatan** *Medical Care*	13,422,423,234	13,443,248,753	100.16
020000	**Kesihatan Awam** *Public Health*	5,228,880,018	5,228,878,358	100.00
030000	**Kesihatan Pergigian** *Oral Health*	910,058,185	910,056,967	100.00
040000	**Perkhidmatan Farmasi** *Pharmaceutical Services*	190,424,260	190,424,043	100.00
050000	**Penyelidikan Dan Sokongan Teknikal** *Research And Technical Support*	276,689,001	276,688,645	100.00
060000	**Keselamatan dan Kualiti Makanan** *Food Safety and Quality*	87,976,697	87,976,489	100.00
070000	**Pengurusan** *Management*	1,573,161,401	1,755,827,697	111.61
080000	**Program Khusus** *Specific Program*	2,654,474,741	3,156,570,726	118.92
090000	**Dasar Baru** *New Policies*	360,296,163	360,296,028	100.00
100000	*One-Off*	32,500,000	32,500,000	100.00
	JUMLAH / *Total*	**24,736,883,700**	**25,442,467,704**	**102.85**

Punca : Bahagian Kewangan, Kementerian Kesihatan Malaysia
Source : Finance Division, Ministry of Health Malaysia

JADUAL 4.39 : PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK, MALAYSIA, 2018
Table 4.39 : Actual Development Allocation and Expenditure by Project Details, Malaysia, 2018

KOD PROGRAM *Program Code*	TAJUK *Title*	PERUNTUKAN *Allocation* (RM)	PERBELANJAAN *Expenditure* (RM)	PERATUSAN PERBELANJAAN *Expenditure Percentage*
00100	**Latihan** *Training*	26,881,010	25,811,034	96.02
00200	**Kesihatan Awam** *Public Health*	255,475,740	229,126,850	89.69
00300	**Kemudahan Hospital** *Hospital Facilities*	439,108,200	399,209,620	90.91
00400	**Hospital Baru** *New Hospitals*	251,925,896	247,841,402	98.38
00500	**Penyelidikan dan Pembangunan** *Research and Development*	31,920,000	31,664,832	99.20
00600	**Ubahsuai, Naiktaraf Dan Pembaikan** *Restructure, Upgrade and Repairs*	94,210,000	93,344,325	99.08
00700	**Perolehan Dan Penyelenggaran Tanah** *Land Procurement and Maintenances*	19,300,000	18,628,345	96.52
00800	**Kemudahan Teknologi Maklumat dan Komunikasi** *Information Technology and Communication Facilities*	44,335,000	44,093,431	99.46
00900	**Penyelenggaraan Kuaters KKM** *Maintenances of KKM Quarters*	-	-	-
00900	**Kemudahan Anggota** *Staff Facilities*	70,945,850	65,082,031	91.73
01000	**Promosi Kesihatan** *Health Promotion*	4,000,000	4,000,000	100.00
01100	**Peralatan dan Kenderaan** *Equipments and Vehicles*	422,386,200	413,800,795	97.97
94000	*NKEA - National Key Economic Area*	-	-	-
	JUMLAH / *Total*	**1,660,487,896**	**1,572,602,665**	**94.71**

Punca : Bahagian Kewangan, Kementerian Kesihatan Malaysia
Source : Finance Division, Ministry of Health Malaysia

JADUAL 4.40 : PERATUS PERUNTUKAN BELANJAWAN KESIHATAN BERBANDING DENGAN BELANJAWAN NEGARA, MALAYSIA, 2018
Table 4.40 : Percentage of Health Budget Allocation to Total National Budget, Malaysia, 2018

Peratus Peruntukan Belanjawan Kesihatan Kepada Belanjawan Negara *Percentage Of Health Budget Allocation To National Budget*	9.42
Belanjawan Negara (Mengurus Dan Pembangunan) *National Budget (Operating And Development)*	RM 282,250,449,000
Belanjawan Kesihatan (Mengurus Dan Pembangunan) *Health Budget (Operating And Development)*	RM 26,581,938,800

Punca : Bahagian Kewangan, Kementerian Kesihatan Malaysia
Source : Finance Division, Ministry of Health Malaysia

JADUAL 4.41 : NISBAH PENDAPATAN NEGARA KASAR (PNK) BAGI KESIHATAN, MALAYSIA, 2018
Table 4.41 : Proportion of Gross National Income (GNI) for Health, Malaysia, 2018

Pendapatan Negara Kasar (PNK) Pada Harga Semasa (Dalam Juta)[1] *Gross National Income (GNI) At Current Prices (In Million)[1]*	RM1,395,328
Belanjawan Kesihatan (Mengurus dan Pembangunan) (Juta)[2] *Health Budget (Operating and Development) (Million)[2]*	RM26,582
Peratus PNK bagi Kesihatan *Percentage of GNI for Health*	1.91

Punca / *Source :*
[1] **Jabatan Perangkaan Malaysia**
Department of Statistics Malaysia
[2] **Bahagian Kewangan, Kementerian Kesihatan Malaysia**
Finance Division, Ministry of Health Malaysia

JADUAL 4.42 : LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2018
Table 4.42 : BCG Coverage for Infants by State, Malaysia, 2018

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2017 *Estimated Live Births 2017* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	LIPUTAN PELALIAN BCG BAGI BAYI *BCG Coverage for Infants*		
			BILANGAN YANG DISUNTIK *Number Vaccinated*	LIPUTAN / *Coverage* (%)	
				DOSM[1(p)]	TBIS[2]
Johor	61,085	58,290	57,772	94.58	99.11
Kedah	36,693	35,341	34,983	95.34	98.99
Kelantan	39,122	37,552	36,518	93.34	97.25
Melaka	14,389	14,344	14,020	97.44	97.74
Negeri Sembilan	18,078	18,202	18,070	99.96	99.27
Pahang	27,555	25,334	25,193	91.43	99.44
Perak	34,838	34,103	33,715	96.78	98.86
Perlis	4,447	5,066	4,984	112.08	98.38
Pulau Pinang	21,464	21,976	21,817	101.64	99.28
Sabah	52,528	52,320	51,584	98.20	98.59
Sarawak	37,654	36,387	36,039	95.71	99.04
Selangor	103,987	94,195	92,128	88.60	97.81
Terengganu	27,911	25,670	25,453	91.19	99.15
W.P. Kuala Lumpur	24,732	34,258	33,025	133.53	96.40
W.P. Labuan	1,685	1,725	1,685	100.00	97.68
W.P. Putrajaya	2,517	7,560	7,433	295.31	98.32
MALAYSIA	**508,685**	**502,323**	**494,419**	**97.20**	**98.43**

Nota/*Note:*

[1] **Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2017 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)**
Refers to calculation of coverage using estimated live births 2017 from Department of Statistics Malaysia (DOSM)

[2] **Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2018 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)**
Refers to calculation of coverage using live births 2018 from National Tuberculosis Information System (TBIS)

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.43 : LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA DAN DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2018
Table 4.43 : Polio Immunisation Coverage of Infants (1st Dose and 3rd Dose) by State, Malaysia, 2018

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2017 *Estimated Live Births 2017* (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(p)]	TBIS[2]		DOSM[1(p)]	TBIS[2]
Johor	61,085	58,290	57,954	94.87	99.42	61,835	101.23	106.08
Kedah	36,693	35,341	33,487	91.26	94.75	33,360	90.92	94.39
Kelantan	39,122	37,552	31,284	79.97	83.31	29,449	75.27	78.42
Melaka	14,389	14,344	14,469	100.56	100.87	15,344	106.64	106.97
Negeri Sembilan	18,078	18,202	18,081	100.02	99.34	18,655	103.19	102.49
Pahang	27,555	25,334	27,368	99.32	108.03	27,912	101.30	110.18
Perak	34,838	34,103	32,922	94.50	96.54	33,517	96.21	98.28
Perlis	4,447	5,066	4,169	93.75	82.29	4,099	92.17	80.91
Pulau Pinang	21,464	21,976	21,133	98.46	96.16	22,110	103.01	100.61
Sabah	52,528	52,320	51,905	98.81	99.21	53,176	101.23	101.64
Sarawak	37,654	36,387	34,752	92.29	95.51	37,282	99.01	102.46
Selangor	103,987	94,195	98,997	95.20	105.10	112,022	107.73	118.93
Terengganu	27,911	25,670	25,444	91.16	99.12	26,539	95.08	103.39
W.P. Kuala Lumpur	24,732	34,258	26,065	105.39	76.08	29,489	119.23	86.08
W.P. Labuan	1,685	1,725	1,981	117.57	114.84	1,961	116.38	113.68
W.P. Putrajaya	2,517	7,560	2,436	96.78	32.22	3,039	120.74	40.20
MALAYSIA	**508,685**	**502,323**	**482,447**	**94.84**	**96.04**	**509,789**	**100.22**	**101.49**

Nota/*Note:*
[1] **Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2017 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)**
Refers to calculation of coverage using estimated live births 2017 from Department of Statistics Malaysia (DOSM)

[2] **Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2018 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)**
Refers to calculation of coverage using live births 2018 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 DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 – 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2018
Table 4.44 : Coverage of Children of Age 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2018

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	67,300	78,671	116.90
Kedah	35,900	36,250	100.97
Kelantan	46,300	38,250	82.61
Melaka	14,100	20,450	145.04
Negeri Sembilan	16,900	17,194	101.74
Pahang	29,100	36,308	124.77
Perak	43,600	45,794	105.03
Perlis	4,400	5,821	132.30
Pulau Pinang	23,800	30,046	126.24
Sabah	60,000	57,004	95.01
Sarawak	56,300	42,486	75.46
Selangor	113,100	129,750	114.72
Terengganu	28,000	33,402	119.29
W.P. Kuala Lumpur	22,900	31,481	137.47
W.P. Labuan	1,600	1,973	123.31
W.P. Putrajaya	2,300	4,597	199.87
MALAYSIA	**565,600**	**609,477**	**107.76**

Nota/*Note*:
[1] **Data dari Jabatan Perangkaan Malaysia (DOSM). Hasil tambah mungkin berbeza kerana pembundaran**
Data from Department of Statistics Malaysia (DOSM). The added total differ due to rounding

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.45 : LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2018

Table 4.45 : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2018

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2017 *Estimated Live Births 2017* (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(p)]	TBIS[2]		DOSM[1(p)]	TBIS[2]
Johor	61,085	58,290	57,954	94.87	99.42	61,835	101.23	106.08
Kedah	36,693	35,341	33,487	91.26	94.75	33,360	90.92	94.39
Kelantan	39,122	37,552	31,284	79.97	83.31	29,449	75.27	78.42
Melaka	14,389	14,344	14,469	100.56	100.87	15,344	106.64	106.97
Negeri Sembilan	18,078	18,202	18,081	100.02	99.34	18,655	103.19	102.49
Pahang	27,555	25,334	27,368	99.32	108.03	27,912	101.30	110.18
Perak	34,838	34,103	32,922	94.50	96.54	33,517	96.21	98.28
Perlis	4,447	5,066	4,169	93.75	82.29	4,099	92.17	80.91
Pulau Pinang	21,464	21,976	21,133	98.46	96.16	22,110	103.01	100.61
Sabah	52,528	52,320	51,905	98.81	99.21	53,176	101.23	101.64
Sarawak	37,654	36,387	34,752	92.29	95.51	37,282	99.01	102.46
Selangor	103,987	94,195	98,997	95.20	105.10	112,022	107.73	118.93
Terengganu	27,911	25,670	25,444	91.16	99.12	26,539	95.08	103.39
W.P. Kuala Lumpur	24,732	34,258	26,065	105.39	76.08	29,489	119.23	86.08
W.P. Labuan	1,685	1,725	1,981	117.57	114.84	1,961	116.38	113.68
W.P. Putrajaya	2,517	7,560	2,436	96.78	32.22	3,039	120.74	40.20
MALAYSIA	**508,685**	**502,323**	**482,447**	**94.84**	**96.04**	**509,789**	**100.22**	**101.49**

Nota/*Note:*

[1] **Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2017 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)**
Refers to calculation of coverage using estimated live births 2017 from Department of Statistics Malaysia (DOSM)

[2] **Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2018 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)**
Refers to calculation of coverage using live births 2018 from National Tuberculosis Information System (TBIS)

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.46 : LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA), BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2018
Table 4.46 : Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2018

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2017 *Estimated Live Births 2017* (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(p)]	TBIS[2]		DOSM[1(p)]	TBIS[2]
Johor	61,085	58,290	57,954	94.87	99.42	61,835	101.23	106.08
Kedah	36,693	35,341	33,487	91.26	94.75	33,360	90.92	94.39
Kelantan	39,122	37,552	31,284	79.97	83.31	29,449	75.27	78.42
Melaka	14,389	14,344	14,469	100.56	100.87	15,344	106.64	106.97
Negeri Sembilan	18,078	18,202	18,081	100.02	99.34	18,655	103.19	102.49
Pahang	27,555	25,334	27,368	99.32	108.03	27,912	101.30	110.18
Perak	34,838	34,103	32,922	94.50	96.54	33,517	96.21	98.28
Perlis	4,447	5,066	4,169	93.75	82.29	4,099	92.17	80.91
Pulau Pinang	21,464	21,976	21,133	98.46	96.16	22,110	103.01	100.61
Sabah	52,528	52,320	51,905	98.81	99.21	53,176	101.23	101.64
Sarawak	37,654	36,387	34,752	92.29	95.51	37,282	99.01	102.46
Selangor	103,987	94,195	98,997	95.20	105.10	112,022	107.73	118.93
Terengganu	27,911	25,670	25,444	91.16	99.12	26,539	95.08	103.39
W.P. Kuala Lumpur	24,732	34,258	26,065	105.39	76.08	29,489	119.23	86.08
W.P. Labuan	1,685	1,725	1,981	117.57	114.84	1,961	116.38	113.68
W.P. Putrajaya	2,517	7,560	2,436	96.78	32.22	3,039	120.74	40.20
MALAYSIA	**508,685**	**502,323**	**482,447**	**94.84**	**96.04**	**509,789**	**100.22**	**101.49**

Nota/*Note*:
[1] **Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2017 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)**
Refers to calculation of coverage using estimated live births 2017 from Department of Statistics Malaysia (DOSM)

[2] **Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2018 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)**
Refers to calculation of coverage using live births 2018 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 DOS SEMULA DOUBLE ANTIGEN BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2018
Table 4.47 : Coverage of Standard 1 School Children For Booster Dose Double Antigen by State, Malaysia, 2018

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	57,114	57,054	99.89
Kedah	32,832	32,385	98.64
Kelantan	29,774	29,616	99.47
Melaka	14,435	14,351	99.42
Negeri Sembilan	18,127	18,042	99.53
Pahang	25,751	25,639	99.57
Perak	35,223	34,921	99.14
Perlis	4,139	4,090	98.82
Pulau Pinang	22,563	22,399	99.27
Sabah	48,463	48,187	99.43
Sarawak	40,733	39,737	97.55
Selangor	97,147	95,262	98.06
Terengganu	22,921	22,656	98.84
W.P. Kuala Lumpur	23,013	22,784	99.00
W.P. Labuan	1,737	1,724	99.25
W.P. Putrajaya	3,793	3,731	98.37
MALAYSIA	**477,765**	**472,578**	**98.91**

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.48 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2018

Table 4.48 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2018

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2017 *Estimated Live Births 2017* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	DOS PERTAMA *1st Dose*			DOS KEDUA *2nd Dose*		
			BILANGAN *Number*	LIPUTAN / *Coverage* (%)		BILANGAN *Number*	LIPUTAN / *Coverage* (%)	
				DOSM[1(p)]	TBIS[2]		DOSM[1(p)]	TBIS[2]
Johor	61,085	58,290	59,308	97.09	101.75	59,233	96.97	101.62
Kedah	36,693	35,341	34,120	92.99	96.55	35,713	97.33	101.05
Kelantan	39,122	37,552	36,890	94.29	98.24	36,555	93.44	97.35
Melaka	14,389	14,344	13,406	93.17	93.46	14,331	99.60	99.91
Negeri Sembilan	18,078	18,202	16,879	93.37	92.73	18,163	100.47	99.79
Pahang	27,555	25,334	28,663	104.02	113.14	28,476	103.34	112.40
Perak	34,838	34,103	34,291	98.43	100.55	35,161	100.93	103.10
Perlis	4,447	5,066	5,041	113.36	99.51	4,386	98.63	86.58
Pulau Pinang	21,464	21,976	22,662	105.58	103.12	20,791	96.86	94.61
Sabah	52,528	52,320	50,439	96.02	96.40	51,035	97.16	97.54
Sarawak	37,654	36,387	33,992	90.27	93.42	34,303	91.10	94.27
Selangor	103,987	94,195	95,094	91.45	100.95	90,808	87.33	96.40
Terengganu	27,911	25,670	25,203	90.30	98.18	27,382	98.10	106.67
W.P. Kuala Lumpur	24,732	34,258	20,031	80.99	58.47	23,173	93.70	67.64
W.P. Labuan	1,685	1,725	1,708	101.36	99.01	1,918	113.83	111.19
W.P. Putrajaya	2,517	7,560	3,343	132.82	44.22	1,984	78.82	26.24
MALAYSIA	**508,685**	**502,323**	**481,070**	**94.57**	**95.77**	**483,412**	**95.03**	**96.24**

Nota/*Note*:

[1] **Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2017 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)**
Refers to calculation of coverage using estimated live births 2017 from Department of Statistics Malaysia (DOSM)

[2] **Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2018 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)**
Refers to calculation of coverage using live births 2018 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 HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2018 (SAMB.)

Table 4.48 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2018 (Cont'd)

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2017 *Estimated Live Births 2017* (DOSM)	KELAHIRAN HIDUP *Live Births* (TBIS)	DOS KETIGA *3rd Dose*			DOS KEEMPAT *4th Dose*		
			BILANGAN *Number*	LIPUTAN / *Coverage* (%)		BILANGAN *Number*	LIPUTAN / *Coverage* (%)	
				DOSM[1(p)]	TBIS[2]		DOSM[1(p)]	TBIS[2]
Johor	61,085	58,290	60,210	98.57	103.29	4	0.01	0.01
Kedah	36,693	35,341	33,559	91.46	94.96	1	0.00	0.00
Kelantan	39,122	37,552	29,295	74.88	78.01	0	0.00	0.00
Melaka	14,389	14,344	15,189	105.56	105.89	0	0.00	0.00
Negeri Sembilan	18,078	18,202	18,321	101.34	100.65	0	0.00	0.00
Pahang	27,555	25,334	28,107	102.00	110.95	0	0.00	0.00
Perak	34,838	34,103	33,633	96.54	98.62	0	0.00	0.00
Perlis	4,447	5,066	4,184	94.09	82.59	0	0.00	0.00
Pulau Pinang	21,464	21,976	22,157	103.23	100.82	0	0.00	0.00
Sabah	52,528	52,320	55,463	105.59	106.01	0	0.00	0.00
Sarawak	37,654	36,387	36,621	97.26	100.64	45	0.12	0.12
Selangor	103,987	94,195	109,507	105.31	116.26	0	0.00	0.00
Terengganu	27,911	25,670	26,158	93.72	101.90	0	0.00	0.00
W.P. Kuala Lumpur	24,732	34,258	27,158	109.81	79.27	6	0.02	0.02
W.P. Labuan	1,685	1,725	1,897	112.58	109.97	0	0.00	0.00
W.P. Putrajaya	2,517	7,560	2,956	117.44	39.10	0	0.00	0.00
MALAYSIA	**508,685**	**502,323**	**504,415**	**99.16**	**100.42**	**56**	**0.01**	**0.01**

Nota/*Note:*

[1] **Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2017 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)**
Refers to calculation of coverage using estimated live births 2017 from Department of Statistics Malaysia (DOSM)

[2] **Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2018 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)**
Refers to calculation of coverage using live births 2018 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 MMR (MUMP, MEASLES DAN RUBELLA) MENGIKUT NEGERI, MALAYSIA, 2018
Table 4.49 : Immunisation Coverage MMR (Mump, Measles And Rubella) by State, Malaysia, 2018

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2017[1] *Estimated Live Births 2017[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	61,085	58,979	96.55	67,300	58,947	87.59
Kedah	36,693	32,605	88.86	35,900	33,296	92.75
Kelantan	39,122	28,151	71.96	46,300	27,747	59.93
Melaka	14,389	14,857	103.25	14,100	14,424	102.30
Negeri Sembilan	18,078	18,346	101.48	16,900	17,723	104.87
Pahang	27,555	27,403	99.45	29,100	26,946	92.60
Perak	34,838	33,022	94.79	43,600	32,495	74.53
Perlis	4,447	4,081	91.77	4,400	4,054	92.14
Pulau Pinang	21,464	21,894	102.00	23,800	22,764	95.65
Sabah	52,528	51,522	98.08	60,000	51,352	85.59
Sarawak	37,654	36,321	96.46	56,300	37,057	65.82
Selangor	103,987	105,672	101.62	113,100	112,331	99.32
Terengganu	27,911	25,235	90.41	28,000	24,975	89.20
W.P. Kuala Lumpur	24,732	25,583	103.44	22,900	27,128	118.46
W.P. Labuan	1,685	2,019	119.82	1,600	2,017	126.06
W.P. Putrajaya	2,517	2,976	118.24	2,300	3,056	132.87
MALAYSIA	**508,685**	**488,666**	**96.06**	**565,600**	**496,312**	**87.75**

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.50 : LIPUTAN PELALIAN HPV (HUMAN PAPILLOMA VIRUS) (DOS PERTAMA DAN DOS KEDUA) BAGI PEREMPUAN BERUMUR 13 TAHUN MENGIKUT NEGERI, MALAYSIA, 2018

Table 4.50 : Immunisation Coverage of Female of age 13 years for HPV (Human Papilloma Virus) (1st Dose and 2nd Dose) by State, Malaysia, 2018

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	29,300	26,121	89.15	26,121	89.15
Kedah	16,900	15,436	91.34	15,387	91.05
Kelantan	16,700	13,941	83.48	13,920	83.35
Melaka	7,000	6,331	90.44	6,082	86.89
Negeri Sembilan	8,800	8,609	97.83	8,560	97.27
Pahang	13,600	11,165	82.10	11,143	81.93
Perak	20,200	16,664	82.50	16,602	82.19
Perlis	1,900	1,896	99.79	1,891	99.53
Pulau Pinang	11,500	10,425	90.65	10,401	90.44
Sabah	30,400	20,162	66.32	20,162	66.32
Sarawak	24,300	20,059	82.55	19,305	79.44
Selangor	46,600	36,222	77.73	35,628	76.45
Terengganu	11,100	9,915	89.32	9,895	89.14
W.P. Kuala Lumpur	11,400	10,059	88.24	10,053	88.18
W.P. Labuan	800	582	72.75	580	72.50
W.P. Putrajaya	700	832	118.86	832	118.86
MALAYSIA	**251,200**	**208,419**	**82.97**	**206,562**	**82.23**

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.51 : LIPUTAN IBU-IBU MENGANDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2018
Table 4.51 : Coverage of Antenatal Mothers (1st Visit) by State, Malaysia, 2018

NEGERI *State*	**ANGGARAN IBU MENGANDUNG** *Estimated Number of Pregnant Mothers* **(2017)**	**BILANGAN KEDATANGAN IBU MENGANDUNG (LAWATAN PERTAMA)** *Number of Antenatal Attendances (1st Visit)*	**LIPUTAN IBU MENGANDUNG (LAWATAN PERTAMA)[p]** *Coverage of Antenatal (1st Visit)[p]* **%**
Johor	66,168	69,099	104.43
Kedah	39,829	33,978	85.31
Kelantan	42,552	26,627	62.58
Melaka	15,415	14,820	96.14
Negeri Sembilan	20,748	19,557	94.26
Pahang	30,241	26,566	87.85
Perak	40,136	32,531	81.05
Perlis	5,253	4,124	78.51
Pulau Pinang	22,213	24,164	108.78
Sabah	57,205	50,794	88.79
Sarawak	40,065	35,977	89.80
Selangor	104,257	130,313	124.99
Terengganu	31,063	24,897	80.15
W.P. Kuala Lumpur	27,146	49,442	182.13
W.P. Labuan	1,760	2,068	117.50
W.P. Putrajaya	2,735	3,171	115.94
MALAYSIA	**546,786**	**548,128**	**100.25**

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.52 : LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID DENGAN MENGGUNAKAN DENOMINATOR ANGGARAN IBU MENGANDUNG MENGIKUT NEGERI, MALAYSIA, 2018

Table 4.52 : Coverage of Antenatal Mothers for Tetanus Toxoid using Estimated Pregnant Mothers as Denominator by State, Malaysia, 2018

NEGERI *State*	**ANGGARAN IBU MENGANDUNG** *Estimated Number of Pregnant Mothers* **(2017)**	**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	66,168	21,098	31.89	22,500	34.00
Kedah	39,829	9,839	24.70	10,365	26.02
Kelantan	42,552	6,808	16.00	7,454	17.52
Melaka	15,415	4,584	29.74	4,801	31.14
Negeri Sembilan	20,748	5,616	27.07	5,825	28.07
Pahang	30,241	7,489	24.76	8,058	26.65
Perak	40,136	11,135	27.74	11,432	28.48
Perlis	5,253	1,176	22.39	1,177	22.41
Pulau Pinang	22,213	7,306	32.89	8,359	37.63
Sabah	57,205	14,905	26.06	15,514	27.12
Sarawak	40,065	14,858	37.08	15,213	37.97
Selangor	104,257	36,677	35.18	43,965	42.17
Terengganu	31,063	6,364	20.49	7,268	23.40
W.P. Kuala Lumpur	27,146	11,005	40.54	12,049	44.39
W.P. Labuan	1,760	577	32.78	656	37.27
W.P. Putrajaya	2,735	867	31.70	809	29.58
MALAYSIA	**546,786**	**160,304**	**29.32**	**175,445**	**32.09**

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 KELAHIRAN HIDUP MENGIKUT NEGERI, MALAYSIA, 2018

Table 4.53 : Coverage of Antenatal Mothers for Tetanus Toxoid using Live Births as Denominator by State, Malaysia, 2018

NEGERI *State*	ANGGARAN KELAHIRAN HIDUP 2017 *Estimated Live Births 2017* (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(p)]	TBIS[2]		DOSM[1(p)]	TBIS[2]
Johor	61,085	58,290	21,098	34.54	36.19	22,500	36.83	38.60
Kedah	36,693	35,341	9,839	26.81	27.84	10,365	28.25	29.33
Kelantan	39,122	37,552	6,808	17.40	18.13	7,454	19.05	19.85
Melaka	14,389	14,344	4,584	31.86	31.96	4,801	33.37	33.47
Negeri Sembilan	18,078	18,202	5,616	31.07	30.85	5,825	32.22	32.00
Pahang	27,555	25,334	7,489	27.18	29.56	8,058	29.24	31.81
Perak	34,838	34,103	11,135	31.96	32.65	11,432	32.81	33.52
Perlis	4,447	5,066	1,176	26.44	23.21	1,177	26.47	23.23
Pulau Pinang	21,464	21,976	7,306	34.04	33.25	8,359	38.94	38.04
Sabah	52,528	52,320	14,905	28.38	28.49	15,514	29.53	29.65
Sarawak	37,654	36,387	14,858	39.46	40.83	15,213	40.40	41.81
Selangor	103,987	94,195	36,677	35.27	38.94	43,965	42.28	46.67
Terengganu	27,911	25,670	6,364	22.80	24.79	7,268	26.04	28.31
W.P. Kuala Lumpur	24,732	34,258	11,005	44.50	32.12	12,049	48.72	35.17
W.P. Labuan	1,685	1,725	577	34.24	33.45	656	38.93	38.03
W.P. Putrajaya	2,517	7,560	867	34.45	11.47	809	32.14	10.70
MALAYSIA	**508,685**	**502,323**	**160,304**	**31.51**	**31.91**	**175,445**	**34.49**	**34.93**

Nota/*Note:*

[1] **Merujuk kepada perkiraan liputan dengan menggunakan anggaran kelahiran hidup 2017 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)**
Refers to calculation of coverage using estimated live births 2017 from Department of Statistics Malaysia (DOSM)

[2] **Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2018 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)**
Refers to calculation of coverage using live births 2018 from National Tuberculosis Information System (TBIS)

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.54 : KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2018
Table 4.54 : Deliveries Attended by Trained Personel, Malaysia, 2018

KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH *Deliveries Attended by Trained Personel*	BILANGAN *Number*	PERATUS *Percentage*
Jumlah Kelahiran Total Deliveries	449,745	100.00
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan) *Deliveries by Trained Personnel (Government)*	399,288	88.78
- **Hospital Kerajaan** / *Government Hospitals*	396,316	88.12
- **Kemudahan Kesihatan Awam** / *Public Health Facilities*	2,972	0.66
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Swasta) *Deliveries by Trained Personnel (Private)*	48,594	10.80
- **Hospital Swasta** / *Private Hospitals*	46,667	10.38
- **Rumah Bersalin Swasta** / *Private Maternity Homes*	1,927	0.43
Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan Dan Swasta) *Deliveries by Trained Personnel (Government and Private)*	447,882	99.59

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.55 : BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2017-2018
Table 4.55 : Number of New Family Planning Acceptors by Type of Methods, Malaysia, 2017-2018

KAEDAH *Methods*	2017				2018			
	KKM[1] *MoH[1]*		LPPKN[2]		KKM[1] *MoH[1]*		LPPKN[2]	
	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%	BILANGAN *Number*	%
Pil / *Pill*	55,719	48.13	1,086	22.34	55,316	45.83	621	18.13
Alat Dalam Rahim (ADR) *Intra Uterine Device (IUD)*	3,385	2.92	405	8.33	4,240	3.51	363	10.60
Kondom / *Condom*	9,456	8.17	1,101	22.65	8,958	7.42	584	17.05
Suntikan / *Injection*	42,375	36.61	677	13.92	47,360	39.24	436	12.73
Sterilisasi / *Sterilization* - **Perempuan** / *Female*	n.a	n.a	40	0.82	n.a	n.a	1	0.03
- **Lelaki** / *Male*	n.a	n.a	0	0	n.a	n.a	0	0
Implant	n.a	n.a	1,174	24.15	n.a	n.a	923	26.94
Cara Waktu Selamat / *Rhythm*	n.a	n.a	21	0.43	n.a	n.a	36	1.05
Lain-Lain / *Other*	4,825	4.17	358	7.36	4,823	4.00	462	13.49
Jumlah / *Total*	**115,760**	**100.00**	**4,862**	**100.00**	**120,697**	**100.00**	**3,426**	**100.00**

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

[2] **Lembaga Penduduk dan Pembangunan Keluarga Negara**
National Population and Family Development Board

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.56 : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR DENGAN SISTEM BEKALAN AIR SELAMAT MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2018

Table 4.56 : Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as at 31 December 2018

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	106,376	104,668	98.39
Kedah	201,976	194,486	96.29
Kelantan	208,568	186,682	89.51
Melaka	76,027	76,027	100.00
Negeri Sembilan	60,044	59,769	99.54
Pahang	92,703	89,807	96.88
Perak	128,764	127,395	98.94
Perlis	32,800	32,004	97.57
Pulau Pinang	63,270	61,083	96.54
Sabah	141,366	134,082	94.85
Sarawak	153,358	143,391	93.50
Selangor	80,176	75,860	94.62
Terengganu	162,648	160,892	98.92
JUMLAH / *Total*	**1,508,076**	**1,446,146**	**95.89**

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.57 : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MEMPUNYAI TANDAS SEMPURNA MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2018

Table 4.57 : Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as at 31 December 2018

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	106,376	105,073	98.78
Kedah	201,976	197,486	97.78
Kelantan	208,568	204,070	97.84
Melaka	76,027	76,025	100.00
Negeri Sembilan	60,044	59,518	99.12
Pahang	92,703	88,273	95.22
Perak	128,764	125,560	97.51
Perlis	32,800	31,844	97.09
Pulau Pinang	63,270	62,861	99.35
Sabah	141,366	120,061	84.93
Sarawak	153,358	141,470	92.25
Selangor	80,176	71,706	89.44
Terengganu	162,648	162,616	99.98
JUMLAH / *Total*	**1,508,076**	**1,446,563**	**95.92**

Nota/*Note*:
[1] **Merujuk kepada data Bancian Luar Bandar BAKAS**
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 MENDAPAT KEMUDAHAN SISTEM PERLIMBAHAN MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2018

Table 4.58 : Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as at 31 December 2018

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	106,376	102,222	96.09
Kedah	201,976	149,102	73.82
Kelantan	208,568	92,269	44.24
Melaka	76,027	69,442	91.34
Negeri Sembilan	60,044	49,548	82.52
Pahang	92,703	59,458	64.14
Perak	128,764	78,085	60.64
Perlis	32,800	20,204	61.60
Pulau Pinang	63,270	56,785	89.75
Sabah	141,366	79,185	56.01
Sarawak	153,358	98,021	63.92
Selangor	80,176	66,130	82.48
Terengganu	162,648	129,251	79.47
JUMLAH / *Total*	**1,508,076**	**1,049,702**	**69.61**

Nota/*Note*:
[1] **Merujuk kepada data Bancian Luar Bandar BAKAS**
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 PELUPUSAN SISA PEPEJAL MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER 2018

Table 4.59 : Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as at 31 December 2018

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	106,376	103,464	97.26
Kedah	201,976	168,643	83.50
Kelantan	208,568	112,238	53.81
Melaka	76,027	69,911	91.96
Negeri Sembilan	60,044	50,441	84.01
Pahang	92,703	61,515	66.36
Perak	128,764	76,935	59.75
Perlis	32,800	19,307	58.86
Pulau Pinang	63,270	60,232	95.20
Sabah	141,366	88,894	62.88
Sarawak	153,358	89,693	58.49
Selangor	80,176	67,252	83.88
Terengganu	162,648	139,455	85.74
JUMLAH / *Total*	**1,508,076**	**1,107,980**	**73.47**

Nota/*Note*:
[1] **Merujuk kepada data Bancian Luar Bandar BAKAS**
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 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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	77.76	36,614	100.31	1,023	3.94	1.13
Jumlah Negeri *State Total*	**508**	**508**	**77.76**	**36,614**	**100.31**	**1,023**	**3.94**	**1.13**
KEDAH								
Hospital Baling	115	115	58.58	11,475	31.44	122	2.15	1.52
Hospital Jitra	91	91	59.14	8,305	22.75	159	2.37	1.64
Hospital Kuala Nerang	89	72	50.28	5,473	14.99	70	2.42	2.39
Hospital Kulim	350	350	75.49	31,318	85.80	689	3.08	1.00
Hospital Langkawi	110	110	93.94	9,949	27.26	188	3.81	0.25
Hospital Sik	93	93	46.56	6,673	18.28	87	2.36	2.71
Hospital Sultan Abdul Halim	628	626	95.15	52,857	144.81	1,564	4.10	0.21
Hospital Sultanah Bahiyah	1,108	1,108	83.66	79,826	218.70	1,928	4.21	0.82
Hospital Yan	89	89	43.59	5,906	16.18	87	2.40	3.11
Jumlah Negeri *State Total*	**2,673**	**2,654**	**80.24**	**211,782**	**580.22**	**4,894**	**3.66**	**0.90**

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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	53.97	5,154	14.12	71	3.10	2.65
Hospital Bukit Mertajam	242	242	71.98	19,269	52.79	661	3.30	1.28
Hospital Kepala Batas	134	134	72.38	14,064	38.53	256	2.52	0.96
Hospital Pulau Pinang	1,163	1,163	69.93	59,901	164.11	2,454	4.92	2.11
Hospital Seberang Jaya	393	393	96.28	37,264	102.09	990	3.71	0.14
Hospital Sungai Bakap	105	105	50.00	5,763	15.79	212	3.32	3.32
Jumlah Negeri ***State Total***	**2,118**	**2,118**	**73.61**	**141,415**	**387.44**	**4,644**	**4.01**	**1.44**
PERAK								
Hospital Bahagia Ulu Kinta	1,800	1,800	74.16	2,164	5.93	30	215.40	75.05
Hospital Batu Gajah	160	160	50.03	8,547	23.42	221	3.42	3.41
Hospital Changkat Melintang	50	50	36.82	2,967	8.13	22	2.26	3.88
Hospital Gerik	75	75	44.11	4,696	12.87	63	2.57	3.25
Hospital Kampar	90	68	52.70	4,422	12.12	111	2.96	2.66
Hospital Kuala Kangsar	136	136	47.31	7,522	20.61	98	3.13	3.48
Hospital Parit Buntar	100	100	47.49	7,860	21.53	151	2.20	2.44

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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	73.50	70,790	193.95	2,510	3.75	1.35
Hospital Selama	90	90	37.45	3,489	9.56	58	3.53	5.89
Hospital Seri Manjung	305	305	76.58	31,537	86.40	671	2.70	0.83
Hospital Slim River	250	168	52.12	10,424	28.56	260	3.06	2.81
Hospital Sungai Siput	93	93	40.40	4,480	12.27	77	3.05	4.50
Hospital Taiping	608	608	77.82	48,525	132.95	1,517	3.55	1.01
Hospital Tapah	100	100	33.46	4,704	12.89	33	2.59	5.15
Hospital Teluk Intan	548	548	52.51	30,976	84.87	1,064	3.40	3.08
Jumlah Negeri *State Total*	**5,395**	**5,291**	**66.69**	**243,103**	**666.04**	**6,886**	**5.29**	**2.64**
SELANGOR								
Hospital Ampang	562	512	100.45	45,977	125.96	1,153	4.08	-0.02
Hospital Banting	162	162	78.23	15,772	43.21	234	2.94	0.82
Hospital Kajang	326	326	96.36	32,182	88.17	894	3.57	0.13
Hospital Kuala Kubu Baru	120	120	55.83	7,534	20.64	89	3.25	2.57
Hospital Orang Asli Gombak	93	80	15.96	473	1.30	0	10.17	53.58
Hospital Selayang	1,008	994	0.00	0	0.00	0	0.00	0.00
Hospital Serdang	694	632	99.52	55,703	152.61	1,436	4.12	0.02
Hospital Shah Alam	300	267	111.66	31,991	87.65	540	3.40	-0.36

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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 Sungai Buloh	798	752	83.94	49,291	135.04	1,479	4.62	0.88
Hospital Tanjung Karang	114	114	39.78	6,557	17.96	151	2.53	3.83
Hospital Tengku Ampuan Jemaah, Sabak Bernam	93	93	39.24	6,045	16.56	113	2.20	3.41
Hospital Tengku Ampuan Rahimah, Klang	1,154	1,154	88.07	85,674	234.72	2,033	4.33	0.59
Pusat Kawalan Kusta Negara	90	90	62.47	37	0.10	6	456.00	274.00
Jumlah Negeri *State Total*	**5,514**	**5,296**	**70.76**	**337,236**	**923.93**	**8,128**	**4.05**	**1.67**
WILAYAH PERSEKUTUAN KUALA LUMPUR								
Hospital Kuala Lumpur	2,125	2,125	77.45	125,405	343.58	3,026	4.81	1.40
Hospital Rehabilitasi Cheras	166	132	38.69	1,162	3.18	0	15.99	25.33
Institut Perubatan Respiratori	118	118	51.71	3,259	8.93	68	6.85	6.40
Jumlah Negeri *State Total*	**2,409**	**2,375**	**74.02**	**129,826**	**355.69**	**3,094**	**4.96**	**1.74**

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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	470	470	58.78	30,926	84.73	368	3.30	2.31
Institut Kanser Negara	252	224	58.16	9,533	26.12	407	5.04	3.62
Jumlah Negeri *State Total*	**722**	**694**	**58.58**	**40,459**	**110.85**	**775**	**3.71**	**2.62**
WILAYAH PERSEKUTUAN LABUAN								
Hospital Labuan	122	122	55.53	8,205	22.48	127	3.01	2.41
Jumlah Negeri *State Total*	**122**	**122**	**55.53**	**8,205**	**22.48**	**127**	**3.01**	**2.41**
NEGERI SEMBILAN								
Hospital Jelebu	76	76	55.96	3,244	8.89	42	4.77	3.75
Hospital Jempol	108	104	55.43	6,850	18.77	105	3.08	2.47
Hospital Port Dickson	113	113	88.25	11,359	31.12	170	3.20	0.43
Hospital Tampin	108	106	57.34	8,578	23.50	117	2.58	1.92
Hospital Tuanku Ampuan Najihah	314	314	74.60	25,238	69.15	661	3.39	1.15
Hospital Tuanku Jaafar	1,070	1,070	79.02	72,831	199.54	1,798	4.24	1.13
Jumlah Negeri *State Total*	**1,789**	**1,783**	**75.18**	**128,100**	**350.96**	**2,893**	**3.82**	**1.26**

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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	95	95	79.90	7,552	20.69	163	3.67	0.92
Hospital Jasin	90	90	70.51	6,187	16.95	102	3.70	1.55
Hospital Melaka	1,091	1,091	82.25	74,603	204.39	1,870	4.27	0.92
Jumlah Negeri ***State Total***	**1,276**	**1,276**	**81.25**	**88,342**	**242.03**	**2,135**	**4.18**	**0.96**
JOHOR								
Hospital Enche' Besar Hajjah Khalsom	268	268	113.29	29,403	80.56	822	3.77	-0.44
Hospital Kota Tinggi	158	158	57.58	12,990	35.59	147	2.55	1.88
Hospital Mersing	70	70	55.01	4,444	12.18	123	3.15	2.58
Hospital Pakar Sultanah Fatimah, Muar	550	550	74.89	43,485	119.14	1,151	3.45	1.16
Hospital Permai	1,132	1,132	8.73	495	1.36	1	72.83	761.88
Hospital Pontian	120	120	56.38	12,666	34.70	158	1.95	1.51
Hospital Segamat	314	314	64.31	22,716	62.24	600	3.24	1.80
Hospital Sultan Ismail, Johor Bahru	704	659	89.23	54,817	150.18	1,787	3.93	0.47
Hospital Sultanah Aminah, Johor Bahru	1,206	1,206	81.08	97,477	267.06	2,781	3.66	0.85
Hospital Sultanah Nora Ismail	516	516	79.78	46,991	128.74	1,181	3.20	0.81
Hospital Tangkak	69	69	44.58	5,178	14.19	32	2.17	2.70

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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 Temenggong Seri Maharaja Tun Ibrahim, Kulai	93	93	86.66	15,268	41.83	168	1.92	0.30
Jumlah Negeri *State Total*	**5,200**	**5,155**	**64.06**	**345,930**	**947.75**	**8,951**	**3.49**	**1.96**
PAHANG								
Hospital Bentong	152	152	46.21	8,464	23.19	162	3.03	3.53
Hospital Jengka	70	70	64.18	7,413	20.31	77	2.20	1.23
Hospital Jerantut	77	77	58.11	7,095	19.44	89	2.30	1.66
Hospital Kuala Lipis	168	168	79.35	12,969	35.53	196	3.75	0.98
Hospital Muadzam Shah	49	49	59.21	5,131	14.06	56	2.06	1.42
Hospital Pekan	110	110	55.27	7,209	19.75	77	3.05	2.47
Hospital Raub	89	89	45.64	6,358	17.42	83	2.34	2.78
Hospital Rompin	60	60	43.08	3,490	9.56	48	2.70	3.57
Hospital Sultan Haji Ahmad Shah, Temerloh	650	650	68.67	47,776	130.89	1,170	3.41	1.56
Hospital Sultanah Hajjah Kalsom	40	40	39.38	2,244	6.15	27	2.56	3.94
Hospital Tengku Ampuan Afzan, Kuantan	851	851	71.87	52,790	144.63	1,393	4.24	1.66
Jumlah Negeri *State Total*	**2,316**	**2,316**	**65.77**	**160,939**	**440.93**	**3,378**	**3.46**	**1.80**

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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*						
TERENGGANU								
Hospital Besut	140	140	62.91	14,700	40.27	88	2.19	1.29
Hospital Dungun	100	100	55.27	10,746	29.44	83	1.88	1.52
Hospital Hulu Terengganu	119	119	52.13	7,924	21.71	60	2.86	2.62
Hospital Kemaman	150	150	103.42	20,643	56.56	362	2.74	-0.09
Hospital Setiu	76	76	61.29	8,411	23.04	52	2.02	1.28
Hospital Sultanah Nur Zahirah	1,095	1,095	73.52	85,762	234.96	1,861	3.43	1.23
Jumlah Negeri *State Total*	**1,680**	**1,680**	**72.15**	**148,186**	**405.99**	**2,506**	**2.99**	**1.15**
KELANTAN								
Hospital Gua Musang	90	90	56.61	7,844	21.49	68	2.37	1.82
Hospital Jeli	80	80	45.93	5,425	14.86	29	2.46	2.89
Hospital Kuala Krai	172	172	89.69	16,985	46.53	325	3.33	0.38
Hospital Machang	90	90	72.05	9,737	26.68	101	2.43	0.94
Hospital Pasir Mas	120	120	74.24	12,472	34.17	143	2.61	0.91
Hospital Raja Perempuan Zainab II	964	964	81.96	69,036	189.14	1,922	4.18	0.92
Hospital Tanah Merah	133	133	93.64	15,327	41.99	249	2.96	0.20
Hospital Tengku Anis, Pasir Puteh	75	75	75.65	8,757	23.99	88	2.36	0.76

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

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	KATIL RASMI *Official Beds*	KATIL OPERASI *Operational Beds*						
Hospital Tumpat	119	119	59.20	8,239	22.57	114	3.06	2.11
Jumlah Negeri *State Total*	**1,843**	**1,843**	**78.01**	**153,822**	**421.43**	**3,039**	**3.41**	**0.96**
SABAH								
Hospital Beaufort	184	184	27.69	5,995	16.42	47	3.10	8.09
Hospital Beluran	52	52	36.84	2,624	7.19	20	2.66	4.57
Hospital Duchess of Kent	400	389	60.44	30,412	83.32	645	2.93	1.92
Hospital Keningau	212	212	72.06	17,714	48.53	342	3.15	1.22
Hospital Kinabatangan	68	68	35.25	3,547	9.72	33	2.46	4.53
Hospital Kota Belud	172	172	42.54	8,093	22.17	102	3.30	4.46
Hospital Kota Marudu	97	97	16.79	2,329	6.38	3	2.59	12.81
Hospital Kuala Penyu	48	48	39.21	2,403	6.58	26	2.84	4.40
Hospital Kudat	180	158	47.67	8,662	23.73	75	3.16	3.47
Hospital Kunak	48	48	50.46	3,176	8.70	23	2.80	2.75
Hospital Lahad Datu	240	238	65.49	14,766	40.45	291	3.82	2.01
Hospital Mesra Bukit Padang	270	270	5.54	96	0.26	0	69.97	1,193.49
Hospital Papar	77	77	41.02	4,891	13.40	52	2.36	3.39
Hospital Pitas	72	72	77.77	5,563	15.24	45	3.68	1.05
Hospital Queen Elizabeth	775	710	72.26	28,291	77.51	1,334	6.64	2.55

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

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	KATIL RASMI *Official Beds*	KATIL OPERASI *Operational Beds*						
Hospital Queen Elizabeth II	400	253	69.35	10,469	28.68	412	5.97	2.64
Hospital Ranau	110	110	52.36	9,033	24.75	63	2.32	2.11
Hospital Semporna	70	70	67.82	6,961	19.07	43	2.49	1.18
Hospital Sipitang	93	93	26.44	3,191	8.74	37	2.81	7.81
Hospital Tambunan	49	49	36.28	2,439	6.68	40	2.65	4.66
Hospital Tawau	401	401	73.49	27,784	76.12	728	3.87	1.40
Hospital Tenom	70	68	33.52	3,772	10.33	29	2.20	4.36
Hospital Tuaran	76	88	60.72	7,190	19.70	65	2.71	1.75
Hospital Wanita dan Kanak-Kanak, Likas	644	642	44.69	32,681	89.54	199	3.31	4.10
Jumlah Negeri *State Total*	**4,808**	**4,569**	**53.45**	**242,082**	**663.24**	**4,654**	**3.71**	**3.23**
SARAWAK								
Hospital Bau	68	68	42.85	3,622	9.92	58	2.95	3.93
Hospital Betong	58	58	32.96	2,684	7.35	47	2.60	5.28
Hospital Bintulu	294	294	76.61	20,934	57.35	419	3.93	1.20
Hospital Dalat	8	8	56.95	738	2.02	0	2.27	1.71
Hospital Daro	46	46	22.34	1,797	4.92	17	2.09	7.28
Hospital Kanowit	100	100	22.44	1,876	5.14	23	4.36	15.08
Hospital Kapit	134	134	58.38	7,644	20.94	100	3.74	2.66
Hospital Lawas	46	41	35.65	2,078	5.69	49	2.58	4.65

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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 Limbang	100	100	31.97	3,921	10.74	50	2.97	6.33
Hospital Lundu	46	46	36.52	2,695	7.38	34	2.28	3.96
Hospital Marudi	54	54	25.75	1,403	3.84	28	3.60	10.38
Hospital Miri	349	349	83.73	29,033	79.54	945	3.68	0.71
Hospital Mukah	80	80	31.25	3,993	10.94	52	2.28	5.02
Hospital Rajah Charles Brooke Memorial	20	20	26.62	7	0.02	1	242.88	669.63
Hospital Saratok	106	94	23.61	2,831	7.76	43	2.85	9.22
Hospital Sarikei	212	182	56.37	11,732	32.14	279	3.19	2.47
Hospital Sentosa	343	343	62.88	782	2.14	8	99.64	58.83
Hospital Serian	84	84	41.99	6,278	17.20	72	2.05	2.83
Hospital Sibu	662	662	71.42	36,791	100.80	906	4.69	1.88
Hospital Simunjan	42	42	29.95	1,706	4.67	6	2.69	6.29
Hospital Sri Aman	96	96	45.70	5,474	15.00	51	2.92	3.47
Hospital Umum Sarawak	975	975	84.66	61,099	167.39	1,746	4.95	0.90
Pusat Jantung Sarawak	128	128	70.42	4,667	12.79	144	6.99	2.94
Jumlah Negeri *State Total*	**4,051**	**4,004**	**65.17**	**213,785**	**585.71**	**5,078**	**4.46**	**2.38**
MALAYSIA	**42,424**	**41,684**	**68.36**	**2,629,826**	**7,205.00**	**62,205**	**3.95**	**1.83**

JADUAL 4.60 : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2018 (SAMB.)
Table 4.60 : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2018 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI *State/Name 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	74.16	2,164	5.93	30	215.40	75.05
Hospital Mesra Bukit Padang	270	270	5.54	96	0.26	0	69.97	1,193.49
Hospital Permai	1,132	1,132	8.73	495	1.36	1	72.83	761.88
Hospital Rehabilitasi Cheras	166	132	38.69	1,162	3.18	0	15.99	25.33
Hospital Sentosa	343	343	62.88	782	2.14	8	99.64	58.83
Hospital Wanita dan Kanak-Kanak, Likas	644	642	44.69	32,681	89.54	199	3.31	4.10
Institut Kanser Negara	252	224	58.16	9,533	26.12	407	5.04	3.62
Institut Perubatan Respiratori	118	118	51.71	3,259	8.93	68	6.85	6.40
Pusat Kawalan Kusta Negara	90	90	62.47	37	0.10	6	456.00	274.00
Jumlah Negeri ***State Total***	**4,815**	**4,751**	**47.35**	**50,209**	**137.56**	**719**	**16.70**	**18.57**

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia

JADUAL 4.61 : LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH, MALAYSIA, 2018

Table 4.61 : Coverage of School Children Treated Under Oral Health Care and Percentage Given All Required Oral Health Treatment, Malaysia, 2018

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	569,840	565,765	99.28	550,088	96.53
Kedah	332,046	329,647	99.28	320,718	96.59
Kelantan	316,162	311,438	98.51	298,752	94.49
Melaka	142,815	142,523	99.80	139,526	97.70
Negeri Sembilan	142,057	140,663	99.02	138,117	97.23
Pahang	256,413	255,196	99.53	247,817	96.65
Perak	372,676	371,848	99.78	365,355	98.04
Perlis	42,147	42,076	99.83	40,683	96.53
Pulau Pinang	229,631	228,695	99.59	221,747	96.57
Sabah	451,358	433,602	96.07	397,760	88.13
Sarawak	429,012	402,518	93.82	356,611	83.12
Selangor	869,842	853,665	98.14	825,677	94.92
Terengganu	228,174	226,070	99.08	219,020	95.99
W.P. Kuala Lumpur	213,629	212,454	99.45	205,155	96.03
W.P. Labuan	14,574	14,444	99.11	13,434	92.18
W.P. Putrajaya	24,683	24,649	99.86	23,816	96.49
MALAYSIA	**4,635,059**	**4,555,253**	**98.28**	**4,364,276**	**94.16**

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia
Source : Health Informatics Centre, Ministry of Health Malaysia