



# **PETUNJUK KESIHATAN** ***HEALTH INDICATORS*** **2017**

**PETUNJUK BAGI PEMANTAUAN DAN PENILAIAN STRATEGI *HEALTH FOR ALL***  
***Indicators for Monitoring and Evaluation of Strategy Health for All***

## Kandungan / Content

<b>1. VISI KESIHATAN &amp; MISI KEMENTERIAN KESIHATAN</b> <i>Vision for Health &amp; Mission of Ministry of Health</i>	4
<b>2. PENDAHULUAN</b> <i>Introduction</i>	6
<b>3. NOTA KETERANGAN</b> <i>Explanatory Notes</i>	12
<b>4. SENARAI JADUAL</b> <i>List of Tables</i>	17
<b>5. i. PETUNJUK TAHAP PEMBANGUNAN SOSIAL DAN SOSIO-EKONOMI</b> <i>Social and Socio-Economic Development Status Indicators</i>	35
<b>ii. PETUNJUK TAHAP KESIHATAN</b> <i>Health Status Indicators</i>	47
<b>iii. PETUNJUK MASALAH KESIHATAN KHUSUS</b> <i>Specific Health Problem Indicators</i>	61
<b>iv. PETUNJUK KEMAJUAN PERKHIDMATAN KESIHATAN</b> <i>Health Services Improvement Indicators</i>	123

## **VISI KESIHATAN**

Negara menggembleng tenaga ke arah kesihatan yang lebih baik.

## **MISI KEMENTERIAN KESIHATAN**

Misi Kementerian Kesihatan 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 FOR 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-33 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 Dunia, 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 pernyataan dasar) boleh didapati dalam senarai petunjuk kebangsaan ini, samada dalam bentuk asal ataupun telah diubahsuai.

Kebanyakan petunjuk ini diperincikan mengikut pecahan kawasan dan jantina.

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

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

### **THE GLOBAL STRATEGY**

*This is the 33 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 indicators was supplemented by sub-indicators and additional indicators to facilitate country monitoring and evaluation.*

### **THE INDICATORS FOR MONITORING AND EVALUATION OF THE GLOBAL STRATEGY**

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



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

- a) Monitoring and evaluation process and mechanism*
- b) National health 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 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 this 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 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 the 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 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 dilahirkan 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 penduduk berumur 1-4 tahun.

#### 2.6 Kadar mortaliti kurang daripada 5 tahun

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

**2.7 Nisbah mortaliti ibu bersalin**

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

**2.8 Jumlah nisbah tanggungan**

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

**2.9 Nisbah jantina**

Merujuk kepada bilangan lelaki bagi setiap 100 perempuan.

**2.10 Jangkaan hayat ketika lahir**

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

**3. Institusi Perubatan Khas**

Merujuk kepada Pusat Kawalan Kusta Negara (1), Institut Perubatan Respiratori (1), Hospital Rehabilitasi (1), Hospital Wanita dan Kanak-Kanak (1), Institut Kanser Negara (1) dan Institusi Psikiatri (4).

**4. Liputan imunisasi**

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

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

## 5. Nota dan simbol

P : Permulaan

e : Anggaran

n.a. : Tidak diperoleh

- : Tidak berkaitan

DOSM : Jabatan Perangkaan Malaysia

TBIS : Sistem Maklumat Tibi Kebangsaan

W.P. : Wilayah Persekutuan

## **EXPLANATORY NOTES**

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

*Indicators 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 Toddler death rate**

*Refers to deaths of toddlers aged 1-4 years per 1,000 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 births obtained from the Department 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*

*e : Estimates*

*n.a. : Not available*

*- : Not applicable*

*DOSM : Department of Statistics, Malaysia*

*TBIS : National Tuberculosis Information System*

*W.P. : Wilayah Persekutuan*

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>1</b>	<b>PETUNJUK TAHAP PEMBANGUNAN SOSIAL DAN SOSIO-EKONOMI</b> <i>Social and Socio-Economic Development Status Indicators</i>	
<b>JADUAL 1.1.</b>	<b>ENROLMEN PERINGKAT RENDAH (TAHUN 1 HINGGA 6) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2016</b>	<b>37</b>
<i>Table 1.1.</i>	<i>Enrolment at Primary Level (Year 1 to 6) in Government and Government-Aided Schools by Sex and State, Malaysia as of 30th June 2016</i>	
<b>JADUAL 1.2.</b>	<b>ENROLMEN PERINGKAT MENENGAH RENDAH (TINGKATAN 3) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2016</b>	<b>38</b>
<i>Table 1.2.</i>	<i>Enrolment at Lower Secondary Level (Form 3) in Government and Government Aided School by Sex and State, Malaysia as of 30th June 2016</i>	
<b>JADUAL 1.3.</b>	<b>ENROLMEN PERINGKAT MENENGAH ATAS (TINGKATAN 5) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2016</b>	<b>39</b>
<i>Table 1.3.</i>	<i>Enrolment at Upper Secondary Level (Form 5) in Government and Government-Aided School by Sex and State, Malaysia as of 30th June 2016</i>	
<b>JADUAL 1.4.</b>	<b>KELUARAN DALAM NEGERI KASAR, PENDAPATAN NEGARA KASAR DAN ANGGARAN PENDUDUK, MALAYSIA, 2016</b>	<b>40</b>
<i>Table 1.4.</i>	<i>Gross Domestic Product, Gross National Income and Estimated Population, Malaysia 2016</i>	
<b>JADUAL 1.5.</b>	<b>KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2014, 2015 DAN 2016</b>	<b>41</b>
<i>Table 1.5.</i>	<i>Annual Population Growth Rate, Malaysia, 2014, 2015 and 2016</i>	
<b>JADUAL 1.6.</b>	<b>PENDUDUK MENGIKUT JANTINA, STRATA DAN NEGERI, MALAYSIA, 2016</b>	<b>42</b>
<i>Table 1.6.</i>	<i>Population by Sex, Strata and State, Malaysia, 2016</i>	



<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 1.7.</b> <i>Table 1.7.</i>	<b>PERATUSAN PENDUDUK MENGIKUT KUMPULAN UMUR, JUMLAH NISBAH TANGGUNGAN DAN NISBAH JANTINA MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2016</i>	43
<b>JADUAL 1.8.</b> <i>Table 1.8.</i>	<b>KADAR LITERASI PENDUDUK MENGIKUT UMUR DAN JANTINA, MALAYSIA, 2012 - 2016</b> <i>Literacy Rate of Population by Age and State, Malaysia, 2012- 2016</i>	44
<b>JADUAL 1.9.</b> <i>Table 1.9.</i>	<b>JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2012 - 2016</b> <i>Life Expectancy at Birth by Sex, Malaysia, 2012 - 2016</i>	45
<b>JADUAL 1.10.</b> <i>Table 1.10.</i>	<b>KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN, MALAYSIA, 2011 - 2016</b> <i>Live Births by Birth Weight, Malaysia, 2012 – 2016</i>	46

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>2</b>	<b>PETUNJUK TAHAP KESIHATAN</b> <i>Health Status Indicators</i>	
<b>JADUAL 2.1.</b> <i>Table 2.1.</i>	<b>KEMATIAN PERINATAL (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016</b> <i>Perinatal Deaths (Number and Rate) by State and Sex, Malaysia, 2015 - 2016</i>	49
<b>JADUAL 2.2.</b> <i>Table 2.2.</i>	<b>KELAHIRAN MATI (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016</b> <i>Stillbirths (Number and Rate) by State and Sex, Malaysia, 2015 - 2016</i>	50
<b>JADUAL 2.3.</b> <i>Table 2.3.</i>	<b>KEMATIAN NEONATAL (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016</b> <i>Neonatal Deaths (Number and Rate) by State and Sex, Malaysia, 2015 - 2016</i>	51
<b>JADUAL 2.4.</b> <i>Table 2.4.</i>	<b>KEMATIAN BAYI (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016</b> <i>Infant Deaths (Number and Rate) by State and Sex, Malaysia, 2015 - 2016</i>	52
<b>JADUAL 2.5.</b> <i>Table 2.5.</i>	<b>KEMATIAN KANAK-KANAK 1 - 4 TAHUN (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016</b> <i>Toddler Deaths 1 - 4 years (Number and Rate) by State and Sex, Malaysia, 2015 - 2016</i>	53
<b>JADUAL 2.6.</b> <i>Table 2.6.</i>	<b>KEMATIAN BAWAH 5 TAHUN (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016</b> <i>Under-5 Deaths (Number and Rate) by State and Sex, Malaysia, 2015 - 2016</i>	54

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 2.7.</b> <i>Table 2.7.</i>	<b>KEMATIAN IBU BERSALIN (BILANGAN DAN NISBAH) MENGIKUT NEGERI, MALAYSIA, 2015 - 2016</b> <i>Maternal Deaths (Number and Ratio) by State, Malaysia, 2015 - 2016</i>	55
<b>JADUAL 2.8.</b> <i>Table 2.8.</i>	<b>KEMATIAN (BILANGAN DAN KADAR) MENGIKUT KUMPULAN UMUR TERTENTU, MALAYSIA, 2015 - 2016</b> <i>Deaths (Number and Rate) by Specific Age Groups, Malaysia, 2015 - 2016</i>	56
<b>JADUAL 2.9.</b> <i>Table 2.9.</i>	<b>KEMATIAN DAN KADAR KEMATIAN KASAR MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016</b> <i>Deaths and Crude Death Rate by State and Sex, Malaysia, 2015 - 2016</i>	57
<b>JADUAL 2.10.</b> <i>Table 2.10.</i>	<b>KELAHIRAN HIDUP DAN KADAR KELAHIRAN KASAR MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016</b> <i>Live Births and Crude Birth Rate by State and Sex, Malaysia, 2015 - 2016</i>	58
<b>JADUAL 2.11.</b> <i>Table 2.11.</i>	<b>KADAR KESUBURAN JUMLAH, MALAYSIA, 2011 - 2016</b> <i>Total Fertility Rate, Malaysia, 2011 - 2016</i>	59
<b>JADUAL 2.12.</b> <i>Table 2.12.</i>	<b>KADAR TIDAK HADIR KERJA DI INDUSTRI-INDUSTRI DISEBABKAN OLEH KESAKITAN ATAU KECEDERAAN, MALAYSIA, 2016</b> <i>Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2016</i>	60

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>3</b>	<b>PETUNJUK MASALAH KESIHATAN KHUSUS</b> <i>Specific Health Problem Indicators</i>	
<b>JADUAL 3.1.</b> <i>Table 3.1.</i>	<b>BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016</i>	63
<b>JADUAL 3.2.</b> <i>Table 3.2.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: DISEASES OF THE CIRCULATORY SYSTEM</b> <i>Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Circulatory System</i>	73
<b>JADUAL 3.3.</b> <i>Table 3.3.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: NEOPLASMS</b> <i>Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Neoplasms</i>	75
<b>JADUAL 3.4.</b> <i>Table 3.4.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b> <i>Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Endocrine, Nutritional and Metabolic Diseases</i>	78
<b>JADUAL 3.5.</b> <i>Table 3.5.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: DISEASES OF THE RESPIRATORY SYSTEM</b> <i>Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Respiratory System</i>	79
<b>JADUAL 3.6.</b> <i>Table 3.6.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: DISEASES OF THE DIGESTIVE SYSTEM</b> <i>Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Digestive System</i>	82

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
JADUAL 3.7. <i>Table 3.7.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: DISEASES OF THE GENITOURINARY SYSTEM</b> <i>Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Genitourinary System</i>	84
JADUAL 3.8. <i>Table 3.8.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD</b> <i>Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Certain Conditions Originating in the Perinatal Period</i>	86
JADUAL 3.9. <i>Table 3.9.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> <i>Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: External Causes of Morbidity and Mortality</i>	88
JADUAL 3.10. <i>Table 3.10.</i>	<b>KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2012 - 2016</b> <i>Incidence Rate of Motor Vehicle Accidents, Malaysia, 2012 - 2016</i>	91
JADUAL 3.11. <i>Table 3.11.</i>	<b>KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2016</b> <i>Incidence Rate of Industrial Accidents, Malaysia, 2016</i>	92
JADUAL 3.12. <i>Table 3.12.</i>	<b>BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016</i>	93
JADUAL 3.13. <i>Table 3.13.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: DISEASES OF THE CIRCULATORY SYSTEM</b> <i>Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Circulatory System</i>	101

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 3.14.</b> <i>Table 3.14.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: NEOPLASMS</b> <i>Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Neoplasms</i>	103
<b>JADUAL 3.15.</b> <i>Table 3.15.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b> <i>Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Endocrine, Nutritional and Metabolic Diseases</i>	106
<b>JADUAL 3.16.</b> <i>Table 3.16.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: DISEASES OF THE RESPIRATORY SYSTEM</b> <i>Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Respiratory System</i>	107
<b>JADUAL 3.17.</b> <i>Table 3.17.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: DISEASES OF THE DIGESTIVE SYSTEM</b> <i>Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Digestive System</i>	110
<b>JADUAL 3.18.</b> <i>Table 3.18.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: DISEASES OF THE GENITOURINARY SYSTEM</b> <i>Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Genitourinary System</i>	112
<b>JADUAL 3.19.</b> <i>Table 3.19.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD</b> <i>Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Certain Conditions Originating in the Perinatal Period</i>	114

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 3.20.</b> <i>Table 3.20.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016: EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> <i>Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: External Causes of Morbidity and Mortality</i>	116
<b>JADUAL 3.21.</b> <i>Table 3.21.</i>	<b>BILANGAN DAN PERATUS MURID SEKOLAH RENDAH DAN MENENGAH YANG ORALLY FIT MENGIKUT NEGERI, MALAYSIA 2016</b> <i>Number and Percentage of Orally Fit among Primary and Secondary School Children by State, Malaysia 2016</i>	119
<b>JADUAL 3.22.</b> <i>Table 3.22.</i>	<b>STATUS KARIES GIGI: BILANGAN MURID 12 TAHUN DENGAN M+X=0 MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Dental Caries Status: Number of 12 Years Old School Children With M+X=0 by State, Malaysia, 2016</i>	120
<b>JADUAL 3.23.</b> <i>Table 3.23.</i>	<b>STATUS KARIES GIGI: BILANGAN MURID 12 TAHUN DAN 16 TAHUN BEBAS KARIES (DMFX=0) MENGIKUT NEGERI, MALAYSIA 2016</b> <i>Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX=0) by State, Malaysia 2016</i>	121

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>4</b>	<b>PETUNJUK KEMAJUAN PERKHIDMATAN KESIHATAN</b> <i>Health Services Improvement Indicators</i>	
<b>JADUAL 4.1.</b> <i>Table 4.1.</i>	<b>TABURAN HOSPITAL DAN BILANGAN KATIL RASMI DI SEKTOR KERAJAAN MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Distribution of Hospitals and Official Beds Strength in Public Sector by State, Malaysia as at 31 December 2016</i>	125
<b>JADUAL 4.2.</b> <i>Table 4.2.</i>	<b>BILANGAN FASILITI KESIHATAN AWAM DAN NISBAH FASILITI KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2016</i>	126
<b>JADUAL 4.3.</b> <i>Table 4.3.</i>	<b>BILANGAN FASILITI PERGIGIAN DAN NISBAH FASILITI PERGIGIAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2016</i>	128
<b>JADUAL 4.4.</b> <i>Table 4.4</i>	<b>TABURAN FASILITI KESIHATAN BERLESEN DI SEKTOR SWASTA MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2016</i>	130
<b>JADUAL 4.5.</b> <i>Table 4.5.</i>	<b>10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016</b> <i>10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia 2016</i>	132
<b>JADUAL 4.6.</b> <i>Table 4.6.</i>	<b>10 SEBAB UTAMA KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016</b> <i>10 Principal Causes of Death in Ministry of Health Hospitals, Malaysia, 2016</i>	133



<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.7.</b> <i>Table 4.7.</i>	<b>10 SEBAB UTAMA KEMASUKAN DI HOSPITAL SWASTA, MALAYSIA, 2016</b> <i>10 Principal Causes of Hospitalisation in Private Hospitals, Malaysia, 2016</i>	134
<b>JADUAL 4.8.</b> <i>Table 4.8.</i>	<b>10 SEBAB UTAMA KEMATIAN DI HOSPITAL SWASTA, MALAYSIA 2016</b> <i>10 Principal Causes of Death in Private Hospitals, Malaysia, 2016</i>	135
<b>JADUAL 4.9.</b> <i>Table 4.9.</i>	<b>10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA DAN SWASTA, MALAYSIA 2016</b> <i>10 Principal Causes of Hospitalisation in Ministry of Health and Private Hospitals, Malaysia 2016</i>	136
<b>JADUAL 4.10.</b> <i>Table 4.10.</i>	<b>KADAR KES KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2011 - 2016</b> <i>Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2011 - 2016</i>	137
<b>JADUAL 4.11.</b> <i>Table 4.11.</i>	<b>BILANGAN KEMASUKAN MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2016</b> <i>Number of Admissions by Sector and State, Malaysia, 2016</i>	138
<b>JADUAL 4.12.</b> <i>Table 4.12.</i>	<b>BILANGAN KEDATANGAN PESAKIT LUAR MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2016</b> <i>Number of Outpatient Attendances by Sector and State, Malaysia, 2016</i>	139
<b>JADUAL 4.13.</b> <i>Table 4.13.</i>	<b>BILANGAN KEDATANGAN PERKHIDMATAN RAWATAN HARIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Number of Day Care Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2016</i>	140
<b>JADUAL 4.14.</b> <i>Table 4.14.</i>	<b>BILANGAN KEDATANGAN PERKHIDMATAN SOKONGAN KLINIKAL DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Number of Clinical Support Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2016</i>	141

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.15.</b> <i>Table 4.15.</i>	<b>BILANGAN KEDATANGAN PERKHIDMATAN KESIHATAN IBU DAN ANAK MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Number of Ante-natal and Child Health Services Attendances by State, Malaysia, 2016</i>	142
<b>JADUAL 4.16.</b> <i>Table 4.16.</i>	<b>LIPUTAN SEKOLAH OLEH PERKHIDMATAN KESIHATAN MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>School Coverage by Health Services by State, Malaysia, 2016</i>	143
<b>JADUAL 4.17.</b> <i>Table 4.17.</i>	<b>BILANGAN KEDATANGAN PERKHIDMATAN KESIHATAN PERGIGIAN MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Number of Dental Health Services Attendances by State, Malaysia, 2016</i>	144
<b>JADUAL 4.18.</b> <i>Table 4.18.</i>	<b>INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2016</b> <i>Index of Health Legislation in Malaysia, Up to 2016</i>	145
<b>JADUAL 4.19.</b> <i>Table 4.19.</i>	<b>BILANGAN DOKTOR MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Doctors by State, Sector and Ratio of Doctor to Population, Malaysia as at 31 December 2016</i>	148
<b>JADUAL 4.20.</b> <i>Table 4.20.</i>	<b>BILANGAN DOKTOR GIGI MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR GIGI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Dentists by State, Sector and Ratio of Dentist to Population, Malaysia as at 31 December 2016</i>	149
<b>JADUAL 4.21.</b> <i>Table 4.21.</i>	<b>BILANGAN PEGAWAI FARMASI MENGIKUT NEGERI, SEKTOR DAN NISBAH PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Pharmacists by State, Sector and Ratio of Pharmacist to Population, Malaysia as at 31 December 2016</i>	150

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.22.</b> <i>Table 4.22.</i>	<b>BILANGAN JURUOPTIK BERDAFTAR DI SEKTOR SWASTA DAN NISBAH JURUOPTIK KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Registered Opticians in Private Sector and Ratio of Optician to Population by State, Malaysia as at 31 December 2016</i>	151
<b>JADUAL 4.23.</b> <i>Table 4.23.</i>	<b>BILANGAN OPTOMETRIS BERDAFTAR MENGIKUT NEGERI, SEKTOR DAN NISBAH OPTOMETRIS KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Registered Optometrists by State, Sector and Ratio of Optometrist to Population, Malaysia as at 31 December 2016</i>	152
<b>JADUAL 4.24.</b> <i>Table 4.24.</i>	<b>BILANGAN JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Nurses by State, Sector and Ratio of Nurse to Population, Malaysia as at 31 December 2016</i>	153
<b>JADUAL 4.25.</b> <i>Table 4.25.</i>	<b>BILANGAN JURURAWAT MASYARAKAT MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Community Nurses by State, Sector and Ratio to Population, Malaysia as at 31 December 2016</i>	154
<b>JADUAL 4.26.</b> <i>Table 4.26</i>	<b>BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia as at 31 December 2016</i>	155

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.27.</b> <i>Table 4.27.</i>	<b>BILANGAN PENOLONG PEGAWAI FARMASI MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Pharmacy Assistants by State, Sector and Ratio of Pharmacy Assistants to Population, Malaysia as at 31 December 2016</i>	156
<b>JADUAL 4.28.</b> <i>Table 4.28.</i>	<b>BILANGAN JURURAWAT PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURURAWAT PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Dental Nurses in Public Sector by State and Ratio of Dental Nurse to Population, Malaysia as at 31 December 2016</i>	157
<b>JADUAL 4.29.</b> <i>Table 4.29.</i>	<b>BILANGAN JURUTEKNOLOGI PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH JURUTEKNIK PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Dental Technologists by State, Sector and Ratio of Dental Technologist to Population, Malaysia as at 31 December 2016</i>	158
<b>JADUAL 4.30.</b> <i>Table 4.30.</i>	<b>BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Dental Surgery Assistants by State, Sector and Ratio of Dental Surgery Assistant to Population, Malaysia as at 31 December 2016</i>	159
<b>JADUAL 4.31.</b> <i>Table 4.31.</i>	<b>BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Assistant Environmental Health Officers and Ratio of Assistant Environmental Health Officer to Population by State, Malaysia as at 31 December 2016</i>	160

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.32</b> <i>Table 4.32.</i>	<b>BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN AWAM DAN NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Medical Laboratory Technologists and Ratio of Medical Laboratory Technologist to Population by State, Malaysia as at 31 December 2016</i>	161
<b>JADUAL 4.33.</b> <i>Table 4.33.</i>	<b>BILANGAN JURU X-RAY (DIAGNOSTIK &amp; TERAPI) DAN NISBAH JURU X-RAY KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Radiographers (Diagnostic &amp; Therapy) and Ratio of Radiographer to Population by State, Malaysia as at 31 December 2016</i>	162
<b>JADUAL 4.34.</b> <i>Table 4.34.</i>	<b>BILANGAN JURUPULIH PERUBATAN FISIOTERAPI DAN NISBAH JURUPULIH PERUBATAN FISIOTERAPI KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Physiotherapists and Ratio of Physiotherapist to Population by State, Malaysia as at 31 December 2016</i>	163
<b>JADUAL 4.35.</b> <i>Table 4.35.</i>	<b>BILANGAN JURUPULIH PERUBATAN CARA KERJA AWAM DAN NISBAH JURUPULIH CARA KERJA KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016</b> <i>Number of Occupational Therapists and Ratio of Occupational Therapist to Population by State, Malaysia as at 31 December 2016</i>	164
<b>JADUAL 4.36.</b> <i>Table 4.36.</i>	<b>JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN PRA PERKHIDMATAN MENGIKUT PROGRAM DI INSTITUSI LATIHAN KEMENTERIAN KESIHATAN MALAYSIA (ILKKM), 2016</b> <i>Total Intake of Trainees for Pre-Service Training Program by Disciplines in the Training Institutions of Ministry of Health Malaysia, 2016</i>	165

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.37.</b> <i>Table 4.37.</i>	<b>NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI INSTITUT LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2016</b> <i>Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2016</i>	166
<b>JADUAL 4.38.</b> <i>Table 4.38.</i>	<b>PERUNTUKAN BELANJA MENGURUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM, MALAYSIA, 2016</b> <i>Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2016</i>	167
<b>JADUAL 4.39.</b> <i>Table 4.39.</i>	<b>PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK, MALAYSIA, 2016</b> <i>Actual Development Allocation and Expenditure by Project Details, Malaysia, 2016</i>	168
<b>JADUAL 4.40.</b> <i>Table 4.40.</i>	<b>PERATUS PERUNTUKAN BELANJAWAN KESIHATAN KEPADA BELANJAWAN NEGARA, MALAYSIA, 2016</b> <i>Percentage of Health Budget Allocation to National Budget, Malaysia, 2016</i>	169
<b>JADUAL 4.41.</b> <i>Table 4.41.</i>	<b>NISBAH PENDAPATAN NEGARA KASAR (PNK) BAGI KESIHATAN, MALAYSIA, 2016</b> <i>Proportion of Gross National Income (GNI) for Health, Malaysia, 2016</i>	170
<b>JADUAL 4.42.</b> <i>Table 4.42.</i>	<b>LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>BCG Coverage for Infants by State, Malaysia, 2016</i>	171
<b>JADUAL 4.43.</b> <i>Table 4.43.</i>	<b>LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA DAN DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Polio Immunisation Coverage of Infants (1st Dose and 3rd Dose) by State, Malaysia, 2016</i>	172

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.44.</b> <i>Table 4.44.</i>	<b>LIPUTAN DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 – 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Coverage of Children Aged 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2016</i>	173
<b>JADUAL 4.45.</b> <i>Table 4.45.</i>	<b>LIPUTAN PELALIAN DOS SEMULA POLIO BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Polio Immunisation Coverage of Booster Dose for Standard 1 School Children by State, Malaysia, 2016</i>	174
<b>JADUAL 4.46.</b> <i>Table 4.46.</i>	<b>LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertusis (1st and Completion Dose) by State, Malaysia, 2016</i>	175
<b>JADUAL 4.47.</b> <i>Table 4.47.</i>	<b>LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA) BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2016</i>	176
<b>JADUAL 4.48.</b> <i>Table 4.48.</i>	<b>LIPUTAN PELALIAN DOS SEMULA DOUBLE ANTIGEN BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Coverage of Standard 1 School Children For Booster Dose Double Antigen by State, Malaysia, 2016</i>	177
<b>JADUAL 4.49.</b> <i>Table 4.49.</i>	<b>LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Immunisation Coverage of Infants for Hepatitis B (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2016</i>	178
<b>JADUAL 4.50.</b> <i>Table 4.50.</i>	<b>LIPUTAN PELALIAN MEASLES UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Immunisation Coverage of Infants for Measles by State, Malaysia, 2016</i>	180

<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.51.</b> <i>Table 4.51.</i>	<b>LIPUTAN PELALIAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 HINGGA &lt; 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Immunisation Coverage of MMR (Mump, Measles And Rubella) for Children Aged 1 to &lt; 2 Years by State, Malaysia, 2016</i>	181
<b>JADUAL 4.52.</b> <i>Table 4.52.</i>	<b>LIPUTAN PELALIAN HPV (HUMAN PAPILLOMA VIRUS) (DOS PERTAMA DAN DOS KETIGA) BAGI PEREMPUAN BERUMUR 13 TAHUN MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Immunisation Coverage of Female Aged 13 Years for HPV (Human Papilloma Virus) (1st and 3rd Dose) by State, Malaysia, 2016</i>	182
<b>JADUAL 4.53.</b> <i>Table 4.53.</i>	<b>LIPUTAN IBU-IBU MENGANDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Coverage of Ante-natal Mothers (1st Visit) by State, Malaysia, 2016</i>	183
<b>JADUAL 4.54.</b> <i>Table 4.54.</i>	<b>LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID (MENGUNAKAN DENOMINATOR ANGGARAN IBU MENGANDUNG) MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Coverage of Ante-natal Mothers for Tetanus Toxoid (using Estimated Pregnant Mothers as Denominator) by State, Malaysia, 2016</i>	184
<b>JADUAL 4.55.</b> <i>Table 4.55.</i>	<b>LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID (MENGUNAKAN DENOMINATOR KELAHIRAN HIDUP) MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Coverage of Ante-natal Mothers for Tetanus Toxoid (using Live Births as Denominator) by State, Malaysia, 2016</i>	185
<b>JADUAL 4.56.</b> <i>Table 4.56.</i>	<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2016</b> <i>Deliveries Attended by Trained Personnel, Malaysia, 2016</i>	186
<b>JADUAL 4.57.</b> <i>Table 4.57.</i>	<b>BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2012-2016</b> <i>Number of New Family Planning Acceptors by Type of Methods, Malaysia 2012-2016</i>	187



<b>JADUAL</b> <i>Table</i>	<b>SENARAI JADUAL</b> <i>List of Tables</i>	<b>MUKA SURAT</b> <i>Page</i>
<b>JADUAL 4.58.</b> <i>Table 4.58.</i>	<b>LIPUTAN RUMAH DI KAWASAN LUAR BANDAR DENGAN SISTEM BEKALAN AIR SELAMAT MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2016</b> <i>Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as at 31 December, 2016</i>	188
<b>JADUAL 4.59.</b> <i>Table 4.59.</i>	<b>LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MEMPUNYAI TANDAS SEMPURNA MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2016</b> <i>Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as at 31 December, 2016</i>	189
<b>JADUAL 4.60.</b> <i>Table 4.60.</i>	<b>LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PERLIMBAHAN MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2016</b> <i>Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as at 31 December, 2016</i>	190
<b>JADUAL 4.61.</b> <i>Table 4.61.</i>	<b>LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PELUPUSAN SISA PEPEJAL MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2016</b> <i>Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as at 31 December, 2016</i>	191
<b>JADUAL 4.62.</b> <i>Table 4.62.</i>	<b>RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016</b> <i>Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016</i>	192
<b>JADUAL 4.63.</b> <i>Table 4.63.</i>	<b>LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH MENGIKUT NEGERI, MALAYSIA, 2016</b> <i>Coverage of School Children Treated Under Oral Health Care and Percentage Given All the Required Oral Health Treatment by State, Malaysia, 2016</i>	207

# 1

## PETUNJUK TAHAP PEMBANGUNAN SOSIAL DAN SOSIO-EKONOMI

*Social and Socio-Economic Development  
Status Indicators*



**JADUAL 1.1. : ENROLMEN PERINGKAT RENDAH (TAHUN 1 HINGGA 6) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2016**

*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 2016*

<b>NEGERI</b> <i>State</i>	<b>LELAKI</b> <i>Male</i>	<b>PEREMPUAN</b> <i>Female</i>	<b>JUMLAH</b> <i>Total</i>
Perlis	11,835	11,115	22,950
Kedah	97,237	93,703	190,940
Pulau Pinang	67,908	64,390	132,298
Perak	104,205	99,478	203,683
Selangor	263,636	249,142	512,778
W.P. Kuala Lumpur	65,209	62,855	128,064
W.P. Putrajaya	6,916	6,615	13,531
W.P. Labuan	4,418	4,204	8,622
Negeri Sembilan	52,180	49,526	101,706
Melaka	41,470	39,616	81,086
Johor	168,699	159,216	327,915
Pahang	74,535	70,451	144,986
Terengganu	63,313	60,549	123,862
Kelantan	88,403	84,666	173,069
Sabah	139,256	131,418	270,674
Sarawak	127,933	119,656	247,589
<b>MALAYSIA</b>	<b>1,377,153</b>	<b>1,306,600</b>	<b>2,683,753</b>

*Nota/Note:*

Enrolmen Tahun 1 hingga 6 termasuk murid pendidikan khas PPKI (Program Pendidikan Khas Integrasi)

*Enrolment in Year 1 to Year 6 includes pupils in SEIP (Special Education Integration Programme)*

Termasuk enrolmen Tahun 4 hingga 6 di Sekolah Model Khas dan Sekolah Sukan

*Including enrolmen in Year 4 to 6 in Special Model Schools and 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 2016**

*Table 1.2. : Enrolment at Lower Secondary Level (Form 3) in Government and Government Aided School by Sex and State, Malaysia as of 30 June 2016*

<b>NEGERI</b> <i>State</i>	<b>LELAKI</b> <i>Male</i>	<b>PEREMPUAN</b> <i>Female</i>	<b>JUMLAH</b> <i>Total</i>
Perlis	1,866	1,956	3,822
Kedah	15,268	15,590	30,858
Pulau Pinang	10,282	10,682	20,964
Perak	17,270	17,355	34,625
Selangor	36,106	36,876	72,982
W.P. Kuala Lumpur	9,031	8,929	17,960
W.P. Putrajaya	821	629	1,450
W.P. Labuan	561	550	1,111
Negeri Sembilan	8,069	8,129	16,198
Melaka	6,465	6,448	12,913
Johor	25,197	25,011	50,208
Pahang	10,295	10,058	20,353
Terengganu	9,802	10,100	19,902
Kelantan	12,498	12,602	25,100
Sabah	19,758	19,623	39,381
Sarawak	18,889	19,004	37,893
<b>MALAYSIA</b>	<b>202,178</b>	<b>203,542</b>	<b>405,720</b>

*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 Jalanan Kasih dan Sekolah Seni  
*Including enrolment in Special Model Schools, Sports Schools, Bimbingan Jalanan Kasih Schools and Art Schools*

Punca: Kementerian Pendidikan Malaysia

*Source: Ministry of Education Malaysia*

**JADUAL 1.3. : ENROLMEN PERINGKAT MENENGAH ATAS (TINGKATAN 5) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2016**

*Table 1.3. : Enrolment at Upper Secondary Level (Form 5) in Government and Government-Aided School by Sex and State, Malaysia as of 30 June 2016*

<b>NEGERI</b> <i>State</i>	<b>LELAKI</b> <i>Male</i>	<b>PEREMPUAN</b> <i>Female</i>	<b>JUMLAH</b> <i>Total</i>
Perlis	2,031	2,052	4,083
Kedah	14,456	16,068	30,524
Pulau Pinang	9,974	10,696	20,670
Perak	16,904	17,902	34,806
Selangor	33,568	35,643	69,211
W.P. Kuala Lumpur	8,721	9,072	17,793
W.P. Putrajaya	703	546	1,249
W.P. Labuan	569	551	1,120
Negeri Sembilan	8,043	8,409	16,452
Melaka	6,627	6,499	13,126
Johor	22,798	24,429	47,227
Pahang	10,179	10,429	20,608
Terengganu	9,301	10,064	19,365
Kelantan	11,946	12,699	24,645
Sabah	16,974	18,309	35,283
Sarawak	16,257	17,672	33,929
<b>MALAYSIA</b>	<b>189,051</b>	<b>201,040</b>	<b>390,091</b>

Nota/Note:

Termasuk enrolmen Sekolah Model Khas, Sekolah Sukan, Sekolah Bimbingan Jalinan Kasih dan Sekolah Seni  
Including enrolment in Special Model Schools, Sports Schools, 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, 2016**

*Table 1.4. : Gross Domestic Product, Gross National Income and Estimated Population, Malaysia 2016*

Keluaran Dalam Negeri Kasar (Harga Malar 2010) (Dalam Juta) <i>Gross Domestic Product (Constant 2010 prices) (In million)</i>	RM 1,107,968
Per Kapita KDNK (Harga Malar 2010) <i>Per Capita GDP (Constant 2010 prices)</i>	RM 34,952
Pendapatan Negara Kasar (Harga Semasa) (Dalam Juta) <i>Gross National Income (Current prices)</i>	RM 1,197,164
Pendapatan Per Kapita (Harga Semasa) <i>Per Capita Income (Current prices)</i>	RM 37,812
Anggaran Penduduk Semasa (Dalam Juta) <sup>e</sup> <i>Current Population Estimates (In Million) <sup>e</sup></i>	31.7

Punca: Laporan Ekonomi 2016-2017, Kementerian Kewangan Malaysia

Source: *Economic Report 2016-2017, Ministry of Finance Malaysia*

**JADUAL 1.5. : KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2014, 2015 DAN 2016**

*Table 1.5. : Annual Population Growth Rate, Malaysia, 2014, 2015 and 2016*

<b>TAHUN</b> <i>Year</i>	<b>JUMLAH</b> <i>Total</i>	<b>LELAKI</b> <i>Male</i>	<b>PEREMPUAN</b> <i>Female</i>
2014	1.6	1.7	1.6
2015	1.5	1.5	1.6
2016	1.5	1.5	1.5

Punca: Jabatan Perangkaan Malaysia

*Source: Department of Statistics, Malaysia*



**JADUAL 1.6. : PENDUDUK MENGIKUT JANTINA, STRATA DAN NEGERI, MALAYSIA, 2016**

Table 1.6. : Population by Sex, Strata and State, Malaysia, 2016

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
Perlis	251.0	125.2	125.8	154.5	61.6	96.6	38.5
Kedah	2,120.7	1,076.2	1,044.5	1,455.2	68.6	665.5	31.4
Pulau Pinang	1,719.3	865.6	853.7	1,623.2	94.4	96.1	5.6
Perak	2,483.0	1,257.6	1,225.5	1,868.6	75.3	614.4	24.7
Selangor	6,298.4	3,275.8	3,022.6	5,875.7	93.3	422.7	6.7
W.P. Kuala Lumpur	1,787.2	917.5	869.7	1,787.2	100.0	-	-
W.P. Putrajaya	83.3	38.7	44.5	83.3	100.0	-	-
W.P. Labuan	97.8	49.4	48.4	83.1	85.0	14.7	15.0
Negeri Sembilan	1,099.7	569.2	530.5	803.1	73.0	296.6	27.0
Melaka	901.7	453.5	448.1	836.1	92.7	65.6	7.3
Johor	3,655.1	1,933.2	1,721.8	2,787.8	76.3	867.3	23.7
Pahang	1,628.1	868.2	759.9	912.1	56.0	716.0	44.0
Terengganu	1,183.9	603.7	580.2	761.2	64.3	422.7	35.7
Kelantan	1,797.2	906.9	890.3	860.9	47.9	936.3	52.1
Sabah	3,813.2	1,992.2	1,821.0	2,217.9	58.2	1,595.4	41.8
Sarawak	2,741.0	1,429.4	1,311.6	1,584.7	57.8	1,156.2	42.2
<b>MALAYSIA</b>	<b>31,660.7</b>	<b>16,362.5</b>	<b>15,298.2</b>	<b>23,694.7</b>	<b>74.8</b>	<b>7,966.0</b>	<b>25.2</b>

Nota/Note:

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

Anggaran Penduduk Semasa<sup>(e)</sup>

Current Population Estimates<sup>(e)</sup>

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, 2016**

Table 1.7 : Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2016

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		
Perlis	24.8	66.9	8.3	49.4	99.5
Kedah	25.5	67.4	7.2	48.4	103.0
Pulau Pinang	20.0	72.1	7.8	38.6	101.4
Perak	22.8	67.6	9.6	47.9	102.6
Selangor	23.7	71.7	4.6	39.4	108.4
W.P. Kuala Lumpur	20.8	73.0	6.2	37.0	105.5
W.P. Putrajaya	38.0	60.8	1.2	64.4	87.0
W.P. Labuan	29.2	67.3	3.5	48.6	102.1
Negeri Sembilan	23.9	69.0	7.0	44.8	107.3
Melaka	23.5	69.0	7.6	44.9	101.2
Johor	24.3	69.2	6.5	44.5	112.3
Pahang	26.4	67.1	6.5	48.9	114.3
Terengganu	30.7	64.0	5.3	56.2	104.1
Kelantan	30.8	63.1	6.1	58.5	101.9
Sabah	24.7	72.2	3.1	38.5	109.4
Sarawak	24.7	68.6	6.7	45.8	109.0
<b>MALAYSIA</b>	<b>24.5</b>	<b>69.4</b>	<b>6.0</b>	<b>44.0</b>	<b>107.0</b>

Nota/Note:

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

Anggaran Penduduk Semasa<sup>(e)</sup>  
Current Population Estimates<sup>(e)</sup>

Punca: Jabatan Perangkaan Malaysia

Source: Department of Statistics, Malaysia

**JADUAL 1.8. : KADAR LITERASI<sup>1</sup> PENDUDUK MENGIKUT UMUR DAN JANTINA, MALAYSIA, 2012 - 2016**

Table 1.8. : *Literacy<sup>1</sup> Rate of Population by Age and State, Malaysia, 2012 - 2016*

TAHUN Year	BERUMUR 10 TAHUN DAN KE ATAS <i>Aged 10 Years and Above</i>			BERUMUR 15 TAHUN DAN KE ATAS <i>Aged 15 Years and Above</i>		
	JUMLAH	LELAKI	PEREMPUAN	JUMLAH	LELAKI	PEREMPUAN
	<i>Total</i> %	<i>Male</i> %	<i>Female</i> %	<i>Total</i> %	<i>Male</i> %	<i>Female</i> %
2012 <sup>2</sup>	95.2	97.0	93.3	94.6	96.7	92.4
2013 <sup>2</sup>	95.2	97.0	93.3	94.6	96.7	92.5
2014 <sup>2</sup>	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

Nota/Note:

<sup>1</sup> Kadar celik huruf penduduk dikira berdasarkan proksi penduduk dalam Penyiasatan Tenaga Buruh berumur 10 tahun dan lebih serta 15 tahun dan lebih yang bersekolah atau tamat persekolahan (pendidikan rasmi). Angka penduduk adalah berasaskan Penyiasatan Tenaga Buruh dan tidak termasuk bukan warganegara Malaysia.

*The literacy rate of the population 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.*

<sup>2</sup> Statistik dikemaskini berdasarkan anggaran penduduk semasa tahun berkenaan.

*The statistics were updated based on the population estimates of the respective years.*

Punca: Penyiasatan Tenaga Buruh, Jabatan Perangkaan Malaysia

Source: *Labour Force Survey, Department of Statistics, Malaysia*

**JADUAL 1.9. : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2012 - 2016**

*Table 1.9. : Life Expectancy at Birth by Sex, Malaysia, 2012 - 2016*

<b>TAHUN</b> <i>Year</i>	<b>LELAKI</b> <i>Male</i> (Bilangan Tahun/Number of Years)	<b>PEREMPUAN</b> <i>Female</i> (Bilangan Tahun/Number of Years)
2012	72.2	76.9
2013	72.3	76.9
2014	72.4	77.0
2015	72.5	77.1
2016 <sup>p</sup>	72.5	77.2

Punca: Jabatan Perangkaan Malaysia

*Source: Department of Statistics, Malaysia*

**JADUAL 1.10. : KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN, MALAYSIA, 2012 - 2016**

*Table 1.10. : Live Births by Birth Weight, Malaysia, 2012 – 2016*

TAHUN Year	KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN <i>Live Births by Birth Weight</i>							
	Bawah 2.5 kg <i>Under 2.5 kg</i>		2.5 kg dan Lebih <i>2.5 kg and over</i>		Tidak diketahui <i>Unknown</i>		Jumlah <i>Total</i>	
	Bilangan <i>Number</i>	%	Bilangan <i>Number</i>	%	Bilangan <i>Number</i>	%	Bilangan <i>Number</i>	%
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

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, 2015 - 2016**

Table 2.1. : *Perinatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2015 - 2016*

NEGERI State	2015						2016					
	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
Perlis	42	9.7	18	8.0	24	11.5	33	7.5	18	7.8	15	7.1
Kedah	296	8.0	161	8.5	135	7.5	294	8.1	151	8.1	143	8.1
Pulau Pinang	182	8.1	109	9.4	73	6.8	205	9.4	101	9.0	104	9.7
Perak	260	7.1	142	7.5	118	6.7	331	9.2	179	9.6	152	8.8
Selangor	683	6.3	374	6.7	309	5.9	773	7.4	399	7.4	374	7.4
W.P. Kuala Lumpur	159	6.1	87	6.5	72	5.8	219	8.5	115	8.6	104	8.3
W.P. Putrajaya	22	7.6	9	5.9	13	9.6	17	6.6	10	7.4	7	5.7
W.P. Labuan	19	9.7	7	6.8	12	12.8	14	8.0	6	6.8	8	9.1
Negeri Sembilan	146	7.9	86	8.9	60	6.8	135	7.5	68	7.2	67	7.7
Melaka	101	6.9	57	7.6	44	6.2	115	7.9	60	8.0	55	7.9
Johor	540	8.9	309	9.8	231	7.9	543	9.1	307	9.9	236	8.2
Pahang	253	9.0	156	10.8	97	7.1	239	8.6	131	9.1	108	8.1
Terengganu	279	10.0	158	10.9	121	9.1	227	8.2	121	8.5	106	7.9
Kelantan	321	8.2	182	9.1	139	7.2	366	9.5	187	9.4	179	9.5
Sabah	478	8.7	244	8.5	234	8.9	464	8.9	244	9.0	220	8.7
Sarawak	254	6.4	144	7.0	110	5.7	271	7.1	144	7.3	127	6.9
<b>MALAYSIA</b>	<b>4,035</b>	<b>7.7</b>	<b>2,243</b>	<b>8.3</b>	<b>1,792</b>	<b>7.1</b>	<b>4,246</b>	<b>8.3</b>	<b>2,241</b>	<b>8.5</b>	<b>2,005</b>	<b>8.1</b>

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, 2015 - 2016**

Table 2.2. : Stillbirths (Number and Rate\*) by State and Sex, Malaysia, 2015 - 2016

NEGERI State	2015						2016					
	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
Perlis	25	5.8	11	4.9	14	6.7	22	5.0	13	5.6	9	4.3
Kedah	177	4.8	98	5.2	79	4.4	178	4.9	90	4.9	88	5.0
Pulau Pinang	103	4.6	64	5.5	39	3.6	123	5.6	58	5.2	65	6.1
Perak	156	4.3	84	4.4	72	4.1	211	5.9	110	5.9	101	5.9
Selangor	419	3.9	216	3.9	203	3.9	484	4.6	244	4.5	240	4.7
W.P. Kuala Lumpur	97	3.7	54	4.0	43	3.5	144	5.6	76	5.7	68	5.4
W.P. Putrajaya	12	4.2	5	3.3	7	5.1	5	1.9	4	3.0	1	0.8
W.P. Labuan	8	4.1	3	2.9	5	5.3	8	4.5	3	3.4	5	5.7
Negeri Sembilan	87	4.7	52	5.4	35	4.0	76	4.2	37	3.9	39	4.5
Melaka	65	4.4	38	5.1	27	3.8	66	4.6	32	4.2	34	4.9
Johor	319	5.2	170	5.4	149	5.1	322	5.4	179	5.8	143	4.9
Pahang	154	5.5	93	6.4	61	4.4	152	5.5	80	5.5	72	5.4
Terengganu	166	6.0	97	6.7	69	5.2	139	5.0	69	4.8	70	5.2
Kelantan	201	5.1	108	5.4	93	4.8	224	5.8	110	5.5	114	6.1
Sabah	173	3.2	101	3.5	72	2.7	323	6.2	169	6.2	154	6.1
Sarawak	163	4.1	89	4.3	74	3.8	171	4.5	88	4.5	83	4.5
<b>MALAYSIA</b>	<b>2,325</b>	<b>4.4</b>	<b>1,283</b>	<b>4.7</b>	<b>1,042</b>	<b>4.1</b>	<b>2,648</b>	<b>5.2</b>	<b>1,362</b>	<b>5.2</b>	<b>1,286</b>	<b>5.2</b>

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, 2015 - 2016**  
 Table 2.3. : Neonatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2015 - 2016

NEGERI State	2015						2016					
	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
Perlis	23	5.3	11	4.9	12	5.8	17	3.9	10	4.4	7	3.3
Kedah	151	4.1	81	4.3	70	3.9	171	4.8	89	4.8	82	4.7
Pulau Pinang	103	4.6	57	4.9	46	4.3	101	4.6	54	4.8	47	4.4
Perak	143	3.9	79	4.2	64	3.7	157	4.4	91	4.9	66	3.9
Selangor	354	3.3	215	3.9	139	2.7	380	3.6	206	3.8	174	3.4
W.P. Kuala Lumpur	79	3.1	42	3.1	37	3.0	105	4.1	54	4.1	51	4.1
W.P. Putrajaya	12	4.2	6	4.0	6	4.4	14	5.4	8	6.0	6	4.9
W.P. Labuan	11	5.6	4	3.9	7	7.5	9	5.1	6	6.8	3	3.4
Negeri Sembilan	88	4.8	51	5.3	37	4.2	78	4.3	42	4.5	36	4.1
Melaka	46	3.2	23	3.1	23	3.2	60	4.2	37	4.9	23	3.3
Johor	285	4.7	177	5.7	108	3.7	287	4.8	164	5.3	123	4.3
Pahang	131	4.7	78	5.4	53	3.9	119	4.3	65	4.5	54	4.1
Terengganu	142	5.1	81	5.6	61	4.6	120	4.4	70	4.9	50	3.8
Kelantan	169	4.3	99	5.0	70	3.7	193	5.0	104	5.2	89	4.8
Sabah	391	7.1	192	6.7	199	7.6	171	3.3	93	3.4	78	3.1
Sarawak	136	3.4	80	3.9	56	2.9	132	3.5	66	3.4	66	3.6
<b>MALAYSIA</b>	<b>2,264</b>	<b>4.3</b>	<b>1,276</b>	<b>4.7</b>	<b>988</b>	<b>3.9</b>	<b>2,114</b>	<b>4.2</b>	<b>1,159</b>	<b>4.4</b>	<b>955</b>	<b>3.9</b>

Nota/Note:

\* Setiap 1,000 kelahiran hidup / per 1,000 live births

Punca: Jabatan Perangkaan Malaysia

Source: Department of Statistics, Malaysia

**JADUAL 2.4. : KEMATIAN BAYI (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016**

Table 2.4. : *Infant Deaths (Number and Rate\*) by State and Sex, Malaysia, 2015 - 2016*

NEGERI State	2015						2016					
	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
Perlis	35	8.1	15	6.7	20	9.6	26	5.9	15	6.5	11	5.3
Kedah	241	6.6	124	6.6	117	6.5	254	7.1	133	7.2	121	6.9
Pulau Pinang	140	6.3	77	6.7	63	5.9	141	6.5	72	6.4	69	6.5
Perak	234	6.4	132	7.0	102	5.9	245	6.9	143	7.7	102	6.0
Selangor	572	5.3	325	5.8	247	4.7	643	6.1	351	6.5	292	5.8
W.P. Kuala Lumpur	140	5.4	75	5.6	65	5.3	159	6.2	85	6.4	74	5.9
W.P. Putrajaya	22	7.7	12	7.9	10	7.4	21	8.2	13	9.7	8	6.5
W.P. Labuan	18	9.2	8	7.8	10	10.8	14	8.0	9	10.2	5	5.7
Negeri Sembilan	128	6.9	66	6.9	62	7.0	116	6.4	64	6.8	52	6.0
Melaka	80	5.5	41	5.5	39	5.5	100	6.9	60	8.0	40	5.8
Johor	440	7.3	255	8.1	185	6.3	443	7.4	249	8.1	194	6.7
Pahang	216	7.7	130	9.0	86	6.3	204	7.4	106	7.4	98	7.4
Terengganu	218	7.9	119	8.3	99	7.5	199	7.2	113	8.0	86	6.5
Kelantan	261	6.7	151	7.6	110	5.8	298	7.7	160	8.1	138	7.4
Sabah	614	11.2	320	11.2	294	11.2	298	5.7	163	6.0	135	5.4
Sarawak	223	5.6	128	6.2	95	4.9	229	6.0	126	6.4	103	5.6
<b>MALAYSIA</b>	<b>3,582</b>	<b>6.9</b>	<b>1,978</b>	<b>7.3</b>	<b>1,604</b>	<b>6.4</b>	<b>3,390</b>	<b>6.7</b>	<b>1,862</b>	<b>7.1</b>	<b>1,528</b>	<b>6.2</b>

Nota/Note:

\* Setiap 1,000 kelahiran hidup / per 1,000 live births

Punca: Jabatan Perangkaan Malaysia

Source: Department of Statistics, Malaysia

**JADUAL 2.5. : KEMATIAN KANAK-KANAK 1-4 TAHUN (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016**  
**Table 2.5. : Toddler Deaths 1-4 years (Number and Rate\*) by State and Sex, Malaysia, 2015 - 2016**

NEGERI State	2015						2016					
	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
Perlis	3	0.2	1	0.1	2	0.2	4	0.2	4	0.5	0	0
Kedah	47	0.3	27	0.4	20	0.3	54	0.4	28	0.4	26	0.4
Pulau Pinang	26	0.3	13	0.3	13	0.3	33	0.4	18	0.4	15	0.3
Perak	61	0.4	31	0.4	30	0.4	63	0.4	33	0.5	30	0.4
Selangor	128	0.3	75	0.3	53	0.3	133	0.3	72	0.3	61	0.3
W.P. Kuala Lumpur	27	0.3	19	0.4	8	0.2	32	0.3	22	0.4	10	0.2
W.P. Putrajaya	5	0.4	2	0.3	3	0.6	7	0.6	6	1.0	1	0.2
W.P. Labuan	1	0.1	0	0	1	0.3	3	0.4	2	0.6	1	0.3
Negeri Sembilan	26	0.4	14	0.4	12	0.4	19	0.3	10	0.3	9	0.3
Melaka	22	0.4	9	0.3	13	0.5	14	0.2	9	0.3	5	0.2
Johor	77	0.3	49	0.4	28	0.2	91	0.4	43	0.4	48	0.4
Pahang	57	0.5	29	0.5	28	0.5	50	0.4	28	0.5	22	0.4
Terengganu	47	0.5	26	0.5	21	0.4	37	0.4	20	0.4	17	0.3
Kelantan	54	0.4	34	0.4	20	0.3	69	0.4	33	0.4	36	0.5
Sabah	152	0.6	78	0.6	74	0.6	79	0.3	39	0.3	40	0.3
Sarawak	53	0.3	35	0.4	18	0.2	55	0.3	31	0.4	24	0.3
<b>MALAYSIA</b>	<b>786</b>	<b>0.4</b>	<b>442</b>	<b>0.4</b>	<b>344</b>	<b>0.3</b>	<b>743</b>	<b>0.4</b>	<b>398</b>	<b>0.4</b>	<b>345</b>	<b>0.3</b>

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 BAWAH 5 TAHUN (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2015 - 2016**

*Table 2.6. : Under-5 Deaths (Number and Rate\*) by State and Sex, Malaysia, 2015 - 2016*

NEGERI State	2015						2016					
	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
Perlis	38	8.8	16	7.1	22	10.6	30	6.8	19	8.3	11	5.3
Kedah	288	7.8	151	8.0	137	7.6	308	8.6	161	8.7	147	8.4
Pulau Pinang	166	7.5	90	7.8	76	7.1	174	8.0	90	8.1	84	7.9
Perak	295	8.1	163	8.6	132	7.6	308	8.6	176	9.5	132	7.7
Selangor	700	6.5	400	7.2	300	5.7	776	7.4	423	7.8	353	7.0
W.P. Kuala Lumpur	167	6.5	94	7.0	73	5.9	191	7.4	107	8.1	84	6.7
W.P. Putrajaya	27	9.4	14	9.2	13	9.6	28	10.9	19	14.2	9	7.3
W.P. Labuan	19	9.7	8	7.8	11	11.8	17	9.7	11	12.5	6	6.9
Negeri Sembilan	154	8.4	80	8.3	74	8.4	135	7.5	74	7.9	61	7.0
Melaka	102	7.0	50	6.7	52	7.3	114	7.9	69	9.2	45	6.5
Johor	517	8.5	304	9.7	213	7.3	534	9.0	292	9.5	242	8.4
Pahang	273	9.7	159	11.1	114	8.3	254	9.2	134	9.3	120	9.1
Terengganu	265	9.6	145	10.1	120	9.1	236	8.6	133	9.4	103	7.7
Kelantan	315	8.1	185	9.3	130	6.8	367	9.5	193	9.7	174	9.3
Sabah	766	14.0	398	14.0	368	14.0	377	7.2	202	7.5	175	7.0
Sarawak	276	6.9	163	7.9	113	5.9	284	7.5	157	8.0	127	6.9
<b>MALAYSIA</b>	<b>4,368</b>	<b>8.4</b>	<b>2,420</b>	<b>9.0</b>	<b>1,948</b>	<b>7.7</b>	<b>4,133</b>	<b>8.1</b>	<b>2,260</b>	<b>8.6</b>	<b>1,873</b>	<b>7.6</b>

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, 2015 - 2016**

Table 2.7 : Maternal Deaths (Number and Ratio\*) by State, Malaysia, 2015 - 2016

NEGERI State	2015		2016	
	Bilangan Number	Nisbah Ratio	Bilangan Number	Nisbah Ratio
Perlis	3	69.5	0	0
Kedah	13	35.3	5	13.9
Pulau Pinang	6	27.0	11	50.5
Perak	12	33.1	10	28.0
Selangor	21	19.4	31	29.6
W.P. Kuala Lumpur	1	3.9	7	27.2
W.P. Putrajaya	2	69.7	0	0
W.P. Labuan	0	0	1	57.1
Negeri Sembilan	4	21.7	1	5.5
Melaka	6	41.2	4	27.8
Johor	14	23.1	16	26.9
Pahang	3	10.7	10	36.2
Terengganu	5	18.1	6	21.8
Kelantan	8	20.5	10	26.0
Sabah	19	34.7	30	57.6
Sarawak	7	17.6	6	15.8
<b>MALAYSIA</b>	<b>124</b>	<b>23.8</b>	<b>148</b>	<b>29.1</b>

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, 2015 - 2016**

Table 2.8. : Deaths (Number and Rate\*) by Specific Age Groups, Malaysia, 2015 - 2016

KUMPULAN UMUR Age Group	2015						2016					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Death	Kadar Rate	Kematian Death	Kadar Rate	Kematian Death	Kadar Rate	Kematian Death	Kadar Rate	Kematian Death	Kadar Rate	Kematian Death	Kadar Rate
< 1	3,582	6.8	1,978	7.3	1,604	6.2	3,390	6.4	1,862	5.9	1,528	5.4
1 – 4	786	0.4	442	0.4	344	0.3	743	0.4	398	0.3	345	0.3
5 – 9	604	0.2	359	0.3	245	0.2	578	0.2	338	0.2	240	0.2
10 – 14	798	0.3	528	0.4	270	0.2	733	0.3	486	0.2	247	0.2
15 – 19	1,909	0.7	1,441	1.0	468	0.3	2,032	0.7	1,611	0.3	421	0.3
20 – 24	2,317	0.7	1,734	1.0	583	0.4	2,466	0.8	1,860	0.4	606	0.3
25 – 29	2,464	0.8	1,696	1.0	768	0.5	2,340	0.7	1,680	0.4	660	0.4
30 – 34	3,175	1.2	2,205	1.5	970	0.8	3,242	1.2	2,240	0.8	1,002	0.7
35 – 39	3,864	1.8	2,732	2.4	1,132	1.1	3,974	1.8	2,755	1.2	1,219	1.0
40 – 44	5,108	2.7	3,444	3.5	1,664	1.8	5,228	2.7	3,573	1.8	1,655	1.6
45 – 49	7,130	4.1	4,753	5.5	2,377	2.8	7,133	4.1	4,810	2.7	2,323	2.5
50 – 54	10,206	6.5	6,708	8.3	3,498	4.6	10,353	6.5	6,798	4.6	3,555	4.2
55 – 59	13,134	10.1	8,389	12.7	4,745	7.4	13,630	10.1	8,682	7.5	4,948	6.9
60 – 64	14,906	14.9	9,206	18.3	5,700	11.5	16,122	15.5	10,129	11.6	5,993	10.8
65 – 69	16,977	22.7	10,328	27.9	6,649	17.6	17,650	22.5	10,685	17.5	6,965	16.3
70 – 74	16,775	36.4	9,651	42.9	7,124	30.2	17,758	36.2	10,436	29.1	7,322	27.0
75 - 79	19,339	60.5	10,197	67.4	9,142	54.3	19,405	58.7	10,431	51.5	8,974	47.6
80 - 84	15,323	96.8	7,048	95.8	8,275	97.6	16,944	101.5	7,858	101.8	9,086	94.3
85 dan Lebih	17,389	129.7	6,610	106.8	10,779	149.4	18,480	138.3	7,066	155.6	11,414	146.0
<b>JUMLAH/Total</b>	<b>155,786</b>	<b>5.0</b>	<b>89,449</b>	<b>5.6</b>	<b>66,337</b>	<b>4.4</b>	<b>162,201</b>	<b>5.1</b>	<b>93,698</b>	<b>5.7</b>	<b>68,503</b>	<b>4.5</b>

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, 2015 - 2016**

Table 2.9 : *Deaths and Crude Death Rate\* by State and Sex, Malaysia, 2015 - 2016*

NEGERI State	2015						2016					
	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
Perlis	1,767	7.1	958	7.7	809	6.5	1,884	7.5	1,023	8.2	861	6.8
Kedah	13,674	6.5	7,733	7.3	5,941	5.7	13,771	6.5	7,734	7.2	6,037	5.8
Pulau Pinang	10,226	6.0	5,783	6.8	4,443	5.3	10,729	6.2	6,163	7.1	4,566	5.4
Perak	17,159	7.0	9,759	7.8	7,400	6.1	17,820	7.2	10,113	8.0	7,707	6.3
Selangor	23,804	3.9	13,689	4.3	10,115	3.4	25,588	4.1	14,948	4.6	10,640	3.5
W.P. Kuala Lumpur	7,608	4.3	4,395	4.8	3,213	3.7	8,077	4.5	4,733	5.2	3,344	3.8
W.P. Putrajaya	193	2.3	95	2.5	98	2.2	163	1.9	86	2.2	77	1.7
W.P. Labuan	246	2.6	143	3.0	103	2.2	277	2.9	169	3.5	108	2.3
Negeri Sembilan	6,611	6.1	3,823	6.8	2,788	5.3	6,810	6.2	3,964	7.0	2,846	5.4
Melaka	4,959	5.6	2,778	6.2	2,181	4.9	5,186	5.8	2,915	6.4	2,271	5.1
Johor	18,853	5.2	11,045	5.8	7,808	4.6	19,924	5.5	11,674	6.0	8,250	4.8
Pahang	8,471	5.3	5,044	5.9	3,427	4.6	8,878	5.5	5,347	6.2	3,531	4.6
Terengganu	6,715	5.8	3,850	6.5	2,865	5.0	6,843	5.8	3,945	6.5	2,898	5.0
Kelantan	10,789	6.1	6,087	6.9	4,702	5.4	10,809	6.0	6,111	6.7	4,698	5.3
Sabah	12,511	3.4	7,365	3.8	5,146	2.9	12,834	3.4	7,555	3.8	5,279	2.9
Sarawak	12,200	4.5	6,902	4.9	5,298	4.1	12,608	4.6	7,218	5.1	5,390	4.1
<b>MALAYSIA</b>	<b>155,786</b>	<b>5.0</b>	<b>89,449</b>	<b>5.6</b>	<b>66,337</b>	<b>4.4</b>	<b>162,201</b>	<b>5.1</b>	<b>93,698</b>	<b>5.7</b>	<b>68,503</b>	<b>4.5</b>

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, 2015 - 2016**  
**Table 2.10 : Live Births and Crude Birth Rate\* by State and Sex, Malaysia, 2015 - 2016**

NEGERI State	2015						2016					
	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
Perlis	4,315	17.4	2,239	18.1	2,076	16.6	4,392	17.5	2,297	18.3	2,095	16.7
Kedah	36,784	17.5	18,832	17.7	17,952	17.4	35,967	17.0	18,457	17.2	17,510	16.8
Pulau Pinang	22,242	13.1	11,529	13.5	10,713	12.7	21,781	12.7	11,176	12.9	10,605	12.4
Perak	36,284	14.7	18,855	15.1	17,429	14.3	35,685	14.4	18,559	14.8	17,126	14.0
Selangor	108,131	17.5	55,720	17.3	52,411	17.7	104,661	16.6	54,027	16.5	50,634	16.8
W.P. Kuala Lumpur	25,789	14.5	13,411	14.7	12,378	14.3	25,739	14.4	13,276	14.5	12,463	14.3
W.P. Putrajaya	2,869	34.6	1,515	39.4	1,354	30.4	2,569	30.4	1,342	34.0	1,227	27.3
W.P. Labuan	1,953	20.5	1,023	21.3	930	19.8	1,752	18.1	881	18.0	871	18.2
Negeri Sembilan	18,423	16.9	9,605	17.0	8,818	16.8	18,036	16.4	9,345	16.4	8,691	16.4
Melaka	14,554	16.4	7,460	16.7	7,094	16.1	14,402	16.0	7,511	16.6	6,891	15.4
Johor	60,543	16.8	31,307	16.4	29,236	17.2	59,561	16.3	30,754	15.9	28,807	16.7
Pahang	28,059	17.5	14,370	16.7	13,689	18.3	27,626	17.0	14,379	16.6	13,247	17.4
Terengganu	27,629	23.8	14,403	24.3	13,226	23.2	27,521	23.3	14,211	23.6	13,310	22.9
Kelantan	39,108	22.2	19,984	22.5	19,124	21.9	38,455	21.4	19,821	21.9	18,634	20.9
Sabah	54,699	14.7	28,451	14.6	26,248	14.8	52,071	13.7	27,067	13.6	25,004	13.8
Sarawak	39,754	14.7	20,551	14.6	19,203	14.8	37,985	13.9	19,652	13.8	18,333	14.0
<b>MALAYSIA</b>	<b>521,136</b>	<b>16.7</b>	<b>269,255</b>	<b>16.7</b>	<b>251,881</b>	<b>16.7</b>	<b>508,203</b>	<b>16.1</b>	<b>262,755</b>	<b>16.1</b>	<b>245,448</b>	<b>16.1</b>

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 - 2016**

*Table 2.11. : Total Fertility Rate, Malaysia, 2011 - 2016*

<b>TAHUN</b> <i>Year</i>	<b>KADAR KESUBURAN JUMLAH (SETIAP PEREMPUAN BERUMUR 15 - 49 TAHUN)</b> <i>Total Fertility Rate (Per Female Aged 15 - 49 Years)</i>
2011	2.0
2012	2.2
2013	2.0
2014	2.1
2015	2.0
2016	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, 2016**

Table 2.12. : *Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2016*

1. Bilangan Pekerja Aktif Perkeso ('000) <i>Number of SOCSO's Active Employees ('000)</i>	6,598
2. Jumlah Kehilangan Hari Kerja Disebabkan Oleh Penyakit/ Kemalangan Industri ('000) <i>Total Number of Man Days Lost Due to Illness/Industrial Accidents ('000)</i>	3,557
3. Kadar Kehilangan Hari Kerja Bagi Tiap-Tiap 1,000 Tenaga Bekerja <i>Rate of Man Days Lost Per 1,000 Work Force</i>	539

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, 2016:  
PENYAKIT BAWAAN AIR DAN MAKANAN**

*Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
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*
Perlis	0	-	0	-
Kedah	0	-	13	0.61
Pulau Pinang	0	-	0	-
Perak	0	-	9	0.36
Selangor	1	0.02	60	0.95
W.P. Kuala Lumpur <sup>1</sup>	0	-	3	0.16
W.P. Labuan	0	-	2	2.04
Negeri Sembilan	0	-	1	0.09
Melaka	0	-	0	-
Johor	0	-	7	0.19
Pahang	0	-	22	1.35
Terengganu	0	-	3	0.25
Kelantan	0	-	4	0.22
Sabah	113	2.96	0	-
Sarawak	56	2.04	2	0.07
<b>MALAYSIA</b>	<b>170</b>	<b>0.54</b>	<b>126</b>	<b>0.40</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / *Incidence rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT BAWAAN AIR DAN MAKANAN (SAMB.)**

*Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
Food and Water Borne Diseases (Cont'd)*

NEGERI State	KERACUNAN MAKANAN <i>Food Poisoning</i>		HEPATITIS A		TIFOID <i>Typhoid</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	382	152.19	0	-	0	-
Kedah	1,300	61.30	1	0.05	4	0.19
Pulau Pinang	609	35.42	0	-	4	0.23
Perak	1,675	67.46	4	0.16	9	0.36
Selangor	2,924	46.42	16	0.25	19	0.30
W.P. Kuala Lumpur <sup>1</sup>	717	38.33	10	0.53	13	0.70
W.P. Labuan	0	-	1	1.02	4	4.09
Negeri Sembilan	872	79.29	1	0.09	3	0.27
Melaka	966	107.13	0	-	1	0.11
Johor	2,213	60.55	6	0.16	8	0.22
Pahang	1,333	81.87	1	0.06	1	0.06
Terengganu	907	76.61	0	-	5	0.42
Kelantan	1,053	58.59	1	0.06	60	3.34
Sabah	1,721	45.13	38	1.00	49	1.29
Sarawak	808	29.48	6	0.22	1	0.04
<b>MALAYSIA</b>	<b>17,480</b>	<b>55.21</b>	<b>85</b>	<b>0.27</b>	<b>181</b>	<b>0.57</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / *Incidence rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM  
Source : Disease Control Division, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT BAWAAN VEKTOR**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
Vector Borne Diseases

NEGERI State	DEMAM DENGGI <i>Dengue Fever</i>		DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	182	72.51	1	0.40
Kedah	985	46.45	9	0.42
Pulau Pinang	2,562	149.01	14	0.81
Perak	3,748	150.95	29	1.17
Selangor	51,293	814.38	359	5.70
W.P. Kuala Lumpur <sup>1</sup>	8,592	459.34	71	3.80
W.P. Labuan	13	13.29	0	-
Negeri Sembilan	2,824	256.80	28	2.55
Melaka	2,302	255.30	24	2.66
Johor	10,613	290.36	28	0.77
Pahang	3,036	186.48	14	0.86
Terengganu	1,989	168.00	20	1.69
Kelantan	6,162	342.87	18	1.00
Sabah	3,658	95.93	10	0.26
Sarawak	2,763	100.80	10	0.36
<b>MALAYSIA</b>	<b>100,722</b>	<b>318.13</b>	<b>635</b>	<b>2.01</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / *Incidence rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH



**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT BAWAAN VEKTOR (SAMB.)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
Vector Borne Diseases (Cont'd)

NEGERI State	MALARIA Malaria		TIFUS Typhus	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	1	0.40	0	-
Kedah	9	0.42	0	-
Pulau Pinang	3	0.17	0	-
Perak	184	7.41	0	-
Selangor	91	1.44	0	-
W.P. Kuala Lumpur <sup>1</sup>	15	0.80	0	-
W.P. Labuan	0	-	0	-
Negeri Sembilan	11	1.00	0	-
Melaka	6	0.67	0	-
Johor	41	1.12	0	-
Pahang	40	2.46	1	0.06
Terengganu	9	0.76	0	-
Kelantan	111	6.18	0	-
Sabah	717	18.80	0	-
Sarawak	1,064	38.82	0	-
<b>MALAYSIA</b>	<b>2,302</b>	<b>7.27</b>	<b>1</b>	<b>0.00</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / Incidence rate per 100,000 population

<sup>1</sup> Termasuk W.P. Putrajaya / Includes W.P. Putrajaya

- Tiada kes dilaporkan bagi penyakit *Plague* dan Demam Kuning pada tahun 2016

- No cases were reported for *Plague* and Yellow Fever in 2016

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT CEGAHAN VAKSIN**

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
Vaccine Preventable Diseases

NEGERI State	DIFTERIA <i>Diphtheria</i>		HEPATITIS B		CAMPAK <i>Measles</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	-	17	6.77	9	3.59
Kedah	11	0.52	88	4.15	65	3.07
Pulau Pinang	1	0.06	22	1.28	7	0.41
Perak	1	0.04	145	5.84	23	0.93
Selangor	3	0.05	539	8.56	668	10.61
W.P. Kuala Lumpur <sup>1</sup>	0	-	279	14.92	106	5.67
W.P. Labuan	0	-	34	34.76	0	-
Negeri Sembilan	5	0.45	103	9.37	37	3.36
Melaka	3	0.33	100	11.09	49	5.43
Johor	0	-	245	6.70	239	6.54
Pahang	0	-	240	14.74	35	2.15
Terengganu	0	-	116	9.80	50	4.22
Kelantan	0	-	178	9.90	43	2.39
Sabah	7	0.18	1,369	35.90	230	6.03
Sarawak	0	-	415	15.14	26	0.95
<b>MALAYSIA</b>	<b>31</b>	<b>0.10</b>	<b>3,890</b>	<b>12.29</b>	<b>1,587</b>	<b>5.01</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / *Incidence rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT CEGAHAN VAKSIN (SAMB.)**

*Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
Vaccine Preventable Diseases (Cont'd)*

NEGERI State	TETANUS NEONATORUM <i>Neonatal Tetanus</i>		LAIN-LAIN TETANUS <i>Other Tetanus</i>		PERTUSIS <i>Pertusis</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN** <i>Incidence Rate**</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	-	0	-	6	2.39
Kedah	0	-	2	0.09	36	1.70
Pulau Pinang	0	-	2	0.12	9	0.52
Perak	0	-	0	-	12	0.48
Selangor	0	-	4	0.06	85	1.35
W.P. Kuala Lumpur <sup>1</sup>	0	-	1	0.05	13	0.70
W.P. Labuan	0	-	0	-	0	-
Negeri Sembilan	0	-	0	-	14	1.27
Melaka	0	-	0	-	8	0.89
Johor	0	-	1	0.03	10	0.27
Pahang	0	-	1	0.06	22	1.35
Terengganu	0	-	1	0.08	12	1.01
Kelantan	0	-	0	-	19	1.06
Sabah	6	0.11	5	0.13	27	0.71
Sarawak	0	-	0	-	25	0.91
<b>MALAYSIA</b>	<b>6</b>	<b>0.01</b>	<b>17</b>	<b>0.05</b>	<b>298</b>	<b>0.94</b>

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*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

- Tiada kes dilaporkan bagi penyakit Poliomyelitis Akut pada tahun 2016

*No cases were reported for Acute Poliomyelitis in 2016*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT TRANSMISI SECARA SEKSUAL**

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
Sexually Transmitted Diseases

NEGERI <i>State</i>	CHANCROID		GONORRHEA		SIFILIS <i>Syphilis</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN** <i>Incidence Rate**</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	-	18	7.17	7	2.79
Kedah	0	-	78	3.68	71	3.35
Pulau Pinang	0	-	16	0.93	66	3.84
Perak	0	-	53	2.13	87	3.50
Selangor	0	-	620	9.84	584	9.27
W.P. Kuala Lumpur <sup>1</sup>	1	0.05	405	21.65	284	15.18
W.P. Labuan	0	-	21	21.47	7	7.16
Negeri Sembilan	0	-	78	7.09	60	5.46
Melaka	0	-	88	9.76	75	8.32
Johor	0	-	330	9.03	209	5.72
Pahang	0	-	121	7.43	64	3.93
Terengganu	0	-	20	1.69	29	2.45
Kelantan	0	-	65	3.62	72	4.01
Sabah	0	-	319	8.37	210	5.51
Sarawak	0	-	654	23.86	233	8.50
<b>MALAYSIA</b>	<b>1</b>	<b>0.00</b>	<b>2,886</b>	<b>9.12</b>	<b>2,058</b>	<b>6.50</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / *Incidence rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
LAIN-LAIN PENYAKIT BERJANGKIT**

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
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*
Perlis	21	8.37	579	230.68	46	18.33
Kedah	54	2.55	1,716	80.92	153	7.21
Pulau Pinang	26	1.51	3,019	175.59	50	2.91
Perak	77	3.10	2,807	113.05	95	3.83
Selangor	105	1.67	15,074	239.33	287	4.56
W.P. Kuala Lumpur <sup>1</sup>	102	5.45	4,071	217.64	104	5.56
W.P. Labuan	1	1.02	250	255.62	1	1.02
Negeri Sembilan	35	3.18	1,383	125.76	358	32.55
Melaka	33	3.66	2,202	244.21	171	18.96
Johor	156	4.27	4,025	110.12	175	4.79
Pahang	108	6.63	822	50.49	274	16.83
Terengganu	81	6.84	811	68.50	238	20.10
Kelantan	161	8.96	1,007	56.03	300	16.69
Sabah	125	3.28	2,613	68.53	58	1.52
Sarawak	137	5.00	6,629	241.85	335	12.22
<b>MALAYSIA</b>	<b>1,222</b>	<b>3.86</b>	<b>47,008</b>	<b>148.47</b>	<b>2,645</b>	<b>8.35</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / Incidence rate per 100,000 population

<sup>1</sup> Termasuk W.P. Putrajaya / Includes W.P. Putrajaya

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)**

*Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
Other Infectious Diseases (Cont'd)*

NEGERI State	HIV		KUSTA <i>Leprosy</i>		LEPTOSPIROSIS	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	34	13.55	2	0.80	11	4.38
Kedah	171	8.06	8	0.38	410	19.33
Pulau Pinang	81	4.71	7	0.41	42	2.44
Perak	119	4.79	7	0.28	340	13.69
Selangor	888	14.10	32	0.51	847	13.45
W.P. Kuala Lumpur <sup>1</sup>	499	26.68	10	0.53	179	9.57
W.P. Labuan	5	5.11	0	-	42	42.94
Negeri Sembilan	117	10.64	5	0.45	169	15.37
Melaka	113	12.53	1	0.11	227	25.17
Johor	321	8.78	9	0.25	207	5.66
Pahang	212	13.02	24	1.47	239	14.68
Terengganu	134	11.32	8	0.68	691	58.37
Kelantan	189	10.52	8	0.45	863	48.02
Sabah	256	6.71	67	1.76	174	4.56
Sarawak	258	9.41	18	0.66	844	30.79
<b>MALAYSIA</b>	<b>3,397</b>	<b>10.73</b>	<b>206</b>	<b>0.65</b>	<b>5,285</b>	<b>16.69</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / *Incidence rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM

Source : *Disease Control Division, MoH*

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)**

Table 3.1 : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2016:  
Other Infectious Diseases (Cont'd)

NEGERI State	OTHER SPECIFIED VIRAL HEPATITIS		TIBI Tuberculosis		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*
Perlis	0	-	133	52.99	0	-
Kedah	1	0.05	1,283	60.50	2	0.09
Pulau Pinang	1	0.06	1,385	80.56	2	0.12
Perak	1	0.04	1,666	67.10	6	0.24
Selangor	1	0.02	4,930	78.27	0	-
W.P. Kuala Lumpur <sup>1</sup>	1	0.05	1,903	101.74	1	0.05
W.P. Labuan	0	-	133	135.99	0	-
Negeri Sembilan	0	-	641	58.29	3	0.27
Melaka	0	-	571	63.32	1	0.11
Johor	2	0.05	2,325	63.61	1	0.03
Pahang	0	-	936	57.49	1	0.06
Terengganu	0	-	769	64.95	1	0.08
Kelantan	2	0.11	1,254	69.78	1	0.06
Sabah	17	0.45	4,953	129.89	19	0.50
Sarawak	0	-	2,857	104.23	13	0.47
<b>MALAYSIA</b>	<b>26</b>	<b>0.08</b>	<b>25,739</b>	<b>81.30</b>	<b>51</b>	<b>0.16</b>

Nota/Note:

\* Kadar kejadian bagi setiap 100,000 penduduk / Incidence rate per 100,000 population

<sup>1</sup> Termasuk W.P. Putrajaya / Includes W.P. Putrajaya

- Tiada kes dilaporkan bagi penyakit Ebola, Rabies dan Relapsing Fever pada tahun 2016  
No cases were reported for Ebola, Rabies and Relapsing Fever in 2016

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE CIRCULATORY SYSTEM**

Table 3.2. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Circulatory System

<b>DETAILED CAUSE GROUPS ( Diseases of the Circulatory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b> Acute rheumatic fever Chronic rheumatic heart diseases	<b>100-109</b> 100-102 105-109	221 1,034	0.70 3.27
<b>HYPERTENSIVE DISEASES</b> Essential (primary) hypertension Hypertensive heart disease Hypertensive renal disease Hypertensive heart and renal disease Secondary hypertension	<b>110-115</b> 110 111 112 113 115	18,073 547 333 146 197	57.08 1.73 1.05 0.46 0.62
<b>ISCHAEMIC HEART DISEASES</b> Angina pectoris Acute myocardial infarction Remainder of ischaemic heart disease	<b>120-125</b> 120 121 <b>Remainder of I20-I25</b>	28,539 21,991 20,247	90.14 69.46 63.95
<b>DISEASES OF PULMONARY CIRCULATION &amp; OTHER FORMS OF HEART DISEASES</b> Pulmonary embolism Acute pericarditis Acute and subacute endocarditis Acute myocarditis Cardiac arrest Conduction disorders and cardiac arrhythmias Heart Failure Remainder of diseases of pulmonary circulation and other forms of heart diseases	<b>126-152</b> 126 130 133 140 146 144-145, 147-149 150 <b>Remainder of I26-I52</b>	795 95 493 48 838 10,912 20,662 4,069	2.51 0.30 1.56 0.15 2.65 34.47 65.26 12.85



**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE CIRCULATORY SYSTEM (SAMB.)**

Table 3.2. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Circulatory System (Cont'd)

<b>DETAILED CAUSE GROUPS ( Diseases of the Circulatory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>p</sup> No. of Discharges<sup>p</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>CEREBROVASCULAR DISEASES</b>	<b>I60-I69</b>		
Subarachnoid haemorrhage	I60	736	2.32
Intracerebral haemorrhage	I61	4,175	13.19
Cerebral infarction	I63	7,985	25.22
Stroke, not specified as haemorrhage or infarction	I64	16,612	52.47
Remainder of cerebrovascular disease	Remainder of I60-I69	5,495	17.36
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>		
Atherosclerosis	I70	62	0.20
Aortic aneurysm and dissection	I71	960	3.03
Other aneurysm and dissection	I72	497	1.57
Arterial embolism and thrombosis	I74	180	0.57
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	1,410	4.45
Phlebitis and thrombophlebitis	I80	1,044	3.30
Varicose veins of lower extremities	I83	408	1.29
Haemorrhoids	I84	2,349	7.42
Oesophageal varices	I85	971	3.07
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	3,914	12.36
<b>JUMLAH / Total</b>	<b>I00-I99</b>	<b>176,038</b>	<b>556.01</b>

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, 2016: NEOPLASMS**

Table 3.3. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Neoplasms

<b>DETAILED CAUSE GROUPS ( Neoplasms )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>P</sup> No. of Discharges<sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	<b>C00-C14</b> C00-C14	5,277	16.67
<b>MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS</b> Malignant neoplasm of oesophagus Malignant neoplasm of stomach Malignant neoplasm of colon Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal Malignant neoplasm of liver and intrahepatic bile ducts Malignant neoplasm of pancreas Remainder of malignant neoplasm of digestive organs	<b>C15-C26</b> C15 C16 C18 C19-C21 C22 C25 Remainder of C15-C26	745 1,567 6,365 6,847 2,063 1,031 669	2.35 4.95 20.10 21.63 6.52 3.26 2.11
<b>MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS</b> Malignant neoplasm of larynx Malignant neoplasm of trachea, bronchus & lung Remainder of malignant neoplasm of respiratory and intrathoracic organs	<b>C30-C39</b> C32 C33-C34 Remainder of C30-C39	621 5,602 567	1.96 17.69 1.79
<b>MALIGNANT NEOPLASMS OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST</b> Malignant of neoplasm of bone and articular cartilage Melanoma and other malignant neoplasms of skin Malignant neoplasms of mesothelial and soft tissue Malignant neoplasms of breast Remainder of malignant neoplasm of bone, connective tissue, skin and breast	<b>C40-C50</b> C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	908 895 1,146 9,550 1	2.87 2.83 3.62 30.16 0.00

**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
NEOPLASMS (SAMB.)**

Table 3.3. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Neoplasms (Cont'd)

<b>DETAILED CAUSE GROUPS ( Neoplasms )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>P</sup> No. of Discharges<sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>MALIGNANT NEOPLASMS OF GENITAL ORGANS AND URINARY TRACT</b>	<b>C51-C68</b>		
Malignant neoplasm of cervix uteri	C53	3,701	11.69
Malignant neoplasm of other and unspecified part of uterus	C54-C55	2,706	8.55
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	4,921	15.54
Malignant neoplasm of prostate	C61	1,229	3.88
Malignant neoplasm of bladder	C67	1,333	4.21
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	1,572	4.97
<b>MALIGNANT NEOPLASMS OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>	<b>C69-C72</b>		
Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72	1,483	4.68
<b>MALIGNANT NEOPLASMS OF THYROID AND OTHER ENDOCRINE GLANDS</b>	<b>C73-C75</b>		
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	2,029	6.41
<b>MALIGNANT NEOPLASMS OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b>	<b>C76-C80</b>		
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	4,571	14.44
<b>MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b>	<b>C81-C96</b>		
Hodgkin's disease	C81	1,401	4.43
Non-Hodgkin's disease	C82-C85	4,992	15.77
Leukaemia	C91-C95	6,641	20.98
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	1,102	3.48

**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
NEOPLASMS (SAMB.)**

Table 3.3. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Neoplasms (Cont'd)

<b>DETAILED CAUSE GROUPS ( Neoplasms )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>P</sup> No. of Discharges<sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>MALIGNANT NEOPLASMS OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasms of independent (primary) multiple sites	<b>C97</b> C97	9	0.03
<b>IN SITU NEOPLASMS</b> In situ neoplasms	<b>D00-D09</b> D00-D09	1,683	5.32
<b>BENIGN NEOPLASMS</b> Benign neoplasm of skin Benign neoplasm of breast Leiomyoma of uterus Remainder of benign neoplasms	<b>D10-D36</b> D22-D23 D24 D25 Remainder of D10-D36	259 973 2,865 5,421	0.82 3.07 9.05 17.12
<b>NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	<b>D37-D48</b> D37-D48	5,036	15.91
<b>JUMLAH /Total</b>	<b>C00-D48</b>	<b>97,781</b>	<b>308.84</b>

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, 2016:  
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES**

Table 3.4. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Endocrine, Nutritional and Metabolic Diseases

<b>DETAILED CAUSE GROUPS ( Endocrine, Nutritional and Metabolic Diseases )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>p</sup> No. of Discharges<sup>p</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>		
Iodine deficiency-related thyroid disorders	E00-E02	24	0.08
Thyrotoxicosis (hyperthyroidism)	E05	2,061	6.51
Hypoparathyroidism	E20	30	0.09
Diabetes mellitus	E10-E14	26,298	83.06
Kwashiokor	E40	20	0.06
Other malnutrition conditions	E41-E46	358	1.13
Other nutritional deficiencies	E50-E64	180	0.57
Obesity	E66	494	1.56
Remainder of obesity and other hyperalimentation	E65, E67-E68	14	0.04
Remainder of endocrine, nutritional and metabolic disorders	Remainder of E00-E90	39,885	125.98
<b>JUMLAH / Total</b>	<b>E00-E90</b>	<b>69,364</b>	<b>219.09</b>

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, 2016:  
DISEASES OF THE RESPIRATORY SYSTEM**

Table 3.5. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Respiratory System

<b>DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>P</sup> No. of Discharges<sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>ACUTE UPPER RESPIRATORY INFECTIONS</b>	<b>J00-J06</b>		
Acute nasopharyngitis	J00	509	1.61
Acute sinusitis	J01	170	0.54
Acute pharyngitis	J02	12,298	38.84
Acute tonsillitis	J03	17,356	54.82
Acute laryngitis and tracheitis	J04	113	0.36
Remainder of diseases of the upper respiratory tract	Remainder of J00-J06	32,475	102.57
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J09-J22</b>		
Influenza	J09-J11	714	2.26
Viral pneumonia, not elsewhere classified	J12	8,929	28.20
Other pneumonia	J13-J18	109,775	346.72
Acute bronchitis	J20	657	2.08
Acute bronchiolitis	J21	19,606	61.93
Unspecified acute lower respiratory infections	J22	1,206	3.81
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>		
Chronic sinusitis	J32	409	1.29
Chronic diseases of tonsils and adenoids	J35	1,532	4.84
Remainder of other diseases of upper respiratory tract	Remainder of J30-J39	3,595	11.35

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

Table 3.5. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Respiratory System (Cont'd)

<b>DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>P</sup> No. of Discharges<sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>CHRONIC LOWER RESPIRATORY DISEASE</b>	<b>J40-J47</b>		
Bronchitis, not specified as acute or chronic	J40	133	0.42
Emphysema	J43	120	0.38
Other chronic obstructive pulmonary disease	J44	27,108	85.62
Asthma	J45-J46	41,691	131.68
Bronchiectasis	J47	2,376	7.50
Other chronic lower respiratory tract diseases	J41-J42	89	0.28
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>		
Pneumoconiosis	J60-J65	74	0.23
Other lung diseases due to external agents	J66-J70	4,396	13.88
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>		
Pulmonary oedema	J81	5,403	17.07
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	770	2.43
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>		
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	904	2.86

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

Table 3.5. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Respiratory System (Cont'd)

<b>DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>OTHER DISEASES OF PLEURA</b>	<b>J90-J94</b>		
Pleural effusion, not elsewhere classified	J90	3,322	10.49
Pneumothorax	J93	1,359	4.29
Remainder of other diseases of pleura	Remainder of J90-J94	334	1.05
<b>OTHER DISEASES OF THE RESPIRATORY SYSTEM</b>	<b>J95-J99</b>		
Respiratory failure, not elsewhere classified	J96	354	1.12
Remainder of other diseases of the respiratory system	Remainder of J95-J99	2,723	8.60
<b>JUMLAH / Total</b>	<b>J00-J99</b>	<b>300,500</b>	<b>949.13</b>

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, 2016:  
DISEASES OF THE DIGESTIVE SYSTEM**

Table 3.6. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Digestive System

<b>DETAILED CAUSE GROUPS ( Diseases of the Digestive System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS</b>	<b>K00-K14</b>		
Dental caries	K02	2,295	7.25
Gingivitis and periodontal diseases	K05	252	0.80
Stomatitis and related lesions	K12	1,078	3.40
Remainder of diseases of oral cavity, salivary glands and jaws	Remainder of K00-K14	3,538	11.17
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b>	<b>K20-K31</b>		
Diseases of oesophagus	K20-K22	3,529	11.15
Gastric ulcer	K25	1,790	5.65
Doudenal ulcer	K26	752	2.38
Peptic ulcer, site unspecified	K27	1,179	3.72
Gastrojejunal ulcer	K28	55	0.17
Gastritis and duodenitis	K29	8,178	25.83
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	2,184	6.90
<b>DISEASES OF APPENDIX</b>	<b>K35-K38</b>		
Acute appendicitis	K35	18,617	58.80
Other appendicitis	K36	218	0.69
Unspecified appendicitis	K37	980	3.10
Other diseases of the appendix	K38	675	2.13
<b>HERNIA</b>	<b>K40-K46</b>		
Inguinal hernia	K40	8,901	28.11
Other hernias	K41-K46	1,821	5.75

**JADUAL 3.6. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE DIGESTIVE SYSTEM (SAMB.)**

Table 3.6. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Digestive System (Cont'd)

<b>DETAILED CAUSE GROUPS ( Diseases of the Digestive System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	<b>K50-K67</b>		
Crohn's disease and ulcerative colitis	K50-K51	478	1.51
Other noninfective gastroenteritis and colitis	K52	3,264	10.31
Paralytic ileus and intestinal obstruction without hernia	K56	3,988	12.60
Diverticular diseases of intestine	K57	1,392	4.40
Fissure and fistula of anal and rectal regions	K60	892	2.82
Abscess of anal and rectal regions	K61	2,253	7.12
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	5,677	17.93
Peritonitis	K65	1,430	4.52
Other disorders of peritoneum	K66-K67	1,146	3.62
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	<b>K70-K93</b>		
Alcoholic liver disease	K70	477	1.51
Hepatic failure, not elsewhere classified	K72	1,472	4.65
Chronic hepatitis, not elsewhere classified	K73	53	0.17
Fibrosis and cirrhosis of liver	K74	1,824	5.76
Cholelithiasis	K80	6,380	20.15
Cholecystitis	K81	2,683	8.47
Acute pancreatitis	K85	2,496	7.88
Remainder of other diseases of the digestive system	Remainder of K70-K93	15,677	49.52
<b>JUMLAH / Total</b>	<b>K00-K93</b>	<b>107,624</b>	<b>339.93</b>

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, 2016:  
DISEASES OF THE GENITOURINARY SYSTEM**

Table 3.7. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Genitourinary System

<b>DETAILED CAUSE GROUPS</b> ( Diseases of the Genitourinary System )	<b>KOD I.C.D.10</b> I.C.D.10 Code	<b>BILANGAN DISCAJ<sup>p</sup></b> No. of Discharges <sup>p</sup>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK)</b> Discharge Rate (Per 100,000 Population)
<b>GLOMERULAR DISEASES</b>	<b>N00-N08</b>		
Acute and progressive nephritic syndrome	N00-N01	1,348	4.26
Chronic nephritic syndrome	N03	104	0.33
Nephritic syndrome	N04	3,639	11.49
Remainder of glomerular diseases	Remainder of N00-N08	588	1.86
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b>	<b>N10-N16</b>		
Renal tubulo-interstitial diseases	N10-N16	5,278	16.67
<b>RENAL FAILURE</b>	<b>N17-N19</b>		
Acute renal failure	N17	4,960	15.67
Chronic kidney disease	N18	26,460	83.57
Unspecified kidney failure	N19	827	2.61
<b>OTHER DISEASES OF THE URINARY SYSTEM</b>	<b>N20-N39</b>		
Calculus of kidney, ureter and lower urinary tract	N20-N22	6,501	20.53
Unspecified renal colic	N23	1,449	4.58
Other disorders of kidney and ureter	N25-N29	1,090	3.44
Cystitis	N30	507	1.60
Urethritis and urethral syndrome	N34	62	0.20
Urethral stricture	N35	589	1.86
Remainder of other diseases of the urinary system	Remainder of N20-N39	19,637	62.02

**JADUAL 3.7. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE GENITOURINARY SYSTEM (SAMB.)**

Table 3.7 : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Genitourinary System (Cont'd)

<b>DETAILED CAUSE GROUPS</b> ( Diseases of the Genitourinary System )	<b>KOD I.C.D.10</b> I.C.D.10 Code	<b>BILANGAN DISCAJ<sup>P</sup></b> No. of Discharges <sup>P</sup>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK)</b> Discharge Rate (Per 100,000 Population)
<b>DISEASES OF MALE GENITAL ORGANS</b>	<b>N40-N51</b>		
Hyperplasia of prostate	N40	1,673	5.28
Hydrocele and spermatocele	N43	819	2.59
Orchitis and epididymitis	N45	1,421	4.49
Male infertility	N46	17	0.05
Redundant prepuce, phimosis and paraphimosis	N47	725	2.29
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	2,119	6.69
<b>DISORDERS OF BREAST</b>	<b>N60-N64</b>		
Disorders of breast	N60-N64	2,917	9.21
<b>DISORDERS OF FEMALE GENITAL ORGANS</b>	<b>N70-N99</b>		
Salpingitis and oophoritis	N70	477	1.51
Inflammatory disease of uterus, except cervix	N71	568	1.79
Inflammatory disease of cervix uteri	N72	33	0.10
Other inflammatory diseases of female pelvic organs	N73-N77	2,383	7.53
Endometriosis	N80	1,976	6.24
Female genital prolapse	N81	578	1.83
Erosion and ectropian of cervix uteri	N86	99	0.31
Disorders of menstruation	N91-N92	3,550	11.21
Menopausal and other perimenopausal disorders	N95	555	1.75
Female infertility	N97	452	1.43
Remainder of disorders of female genital organs	Remainder of N70-N99	7,024	22.19
<b>JUMLAH / Total</b>	<b>N00-N99</b>	<b>100,425</b>	<b>317.19</b>

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, 2016:  
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD**

Table 3.8. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Certain Conditions Originating in the Perinatal Period

<b>DETAILED CAUSE GROUPS ( Certain Conditions Originating in the Perinatal Period )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>p</sup> No. of Discharges<sup>p</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY</b> Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	<b>P00-P04</b> P00-P04	5,093	16.09
<b>DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH</b> Slow fetal growth and fetal malnutrition Disorders related to short gestation and low birth weight, not elsewhere classified Disorders related to long gestation and high birth weight	<b>P05-P08</b> P05 P07 P08	1,954 12,312 1,526	6.17 38.89 4.82
<b>BIRTH TRAUMA</b> Birth trauma	<b>P10-P15</b> P10-P15	1,483	4.68
<b>RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD</b> Intrauterine hypoxia and birth asphyxia Respiratory distress of newborn Neonatal aspiration syndrome Remainder of respiratory and cardiovascular disorders specific to the perinatal period	<b>P20-P29</b> P20-P21 P22 P24 Remainder of P20-P29	2,142 11,985 4,447 8,552	6.77 37.85 14.05 27.01
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	<b>P35-P39</b> P35-P39	23,188	73.24

**JADUAL 3.8. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SAMB.)**

Table 3.8. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: Certain Conditions Originating in the Perinatal Period (Cont'd)

<b>DETAILED CAUSE GROUPS ( Certain Conditions Originating in the Perinatal Period )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ<sup>p</sup> No. of Discharges<sup>p</sup></b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN</b> Haemolytic disease of fetus and newborn Neonatal jaundice Remainder of haemorrhage and haematological disorders of fetus and newborn	<b>P50-P61</b>		
	P55	2,447	7.73
	P58-P59	110,020	347.50
	Remainder of P50-P61	1,255	3.96
<b>OTHER DISORDERS OF FETUS AND NEWBORN</b> Transitory endocrine and metabolic disorders specific to fetus and newborn Digestive system disorders of fetus and newborn Conditions involving integument and temperature regulation of fetus and newborn Convulsion of newborn Feeding problems of newborn Remainder of other disorders of fetus and newborn	<b>P70-P96</b>		
	P70-P74	11,858	37.45
	P75-P78	767	2.42
	P80-P83	1,654	5.22
	P90	136	0.43
	P92	1,297	4.10
	Remainder of P70-P96	1,820	5.75
<b>JUMLAH / Total</b>	<b>P00-P96</b>	<b>203,936</b>	<b>644.13</b>

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, 2016:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY**

Table 3.9. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: External Causes of Morbidity and Mortality

<b>DETAILED CAUSE GROUPS ( External Causes of Morbidity and Mortality)</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)</b>
<b>TRANSPORT ACCIDENTS</b>	<b>V01-V99</b>		
Pedestrian injured in transport accident	V01-V09	578	1.83
Pedal cyclist injured in transport accident	V10-V19	722	2.28
Motorcycle rider injured in transport accident	V20-V29	14,957	47.24
Occupant of three-wheeled motor vehicle injured in transport accident	V30-V39	72	0.23
Car occupant injured in transport accident	V40-V49	1,981	6.26
Occupant of pick-up truck or van injured in transport accident	V50-V59	161	0.51
Occupant of heavy transport vehicle injured in transport accident	V60-V69	282	0.89
Bus occupant injured in transport accident	V70-V79	43	0.14
Other land transport accidents	V80-V89	22,946	72.47
Water transport accidents	V90-V94	30	0.09
Air and space transport accidents	V95-V97	3	0.01
Other and unspecified transport accidents	V98-V99	213	0.67
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>	<b>W00-X59</b>		
Falls	W00-W19	17,413	55.00
Exposure to inanimate mechanical forces	W20-W49	8,246	26.04
Exposure to animate mechanical forces	W50-W64	1,681	5.31
Accidental drowning and submersion	W65-W74	215	0.68
Other accidental threats to breathing	W75-W84	234	0.74
Exposure to electric current, radiation and extreme ambient air temperature and pressure	W85-W99	369	1.17
Exposure to smoke, fire and flames	X00-X09	1,672	5.28
Contact with heat and hot substances	X10-X19	1,160	3.66
Contact with venomous animals and plants	X20-X29	4,224	13.34
Exposure to forces of nature	X30-X39	159	0.50
Accidental poisoning by and exposure to noxious substances	X40-X49	4298	13.58
Overexertion, travel and privation	X50-X57	76	0.24
Accidental exposure to other and unspecified factors	X58-X59	46,876	148.06

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

Table 3.9. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: External Causes of Morbidity and Mortality (Cont'd)

<b>DETAILED CAUSE GROUPS</b> ( <i>External Causes of Morbidity and Mortality</i> )	<b>KOD I.C.D.10</b> <i>I.C.D.10 Code</i>	<b>BILANGAN DISCAJ<sup>P</sup></b> <i>No. of Discharges<sup>P</sup></i>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK)</b> <i>Discharge Rate (Per 100,000 Population)</i>
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	<b>X60-X84</b> X60-X84	1,324	4.18
<b>ASSAULT</b> Assault	<b>X85-Y09</b> X85-Y09	2,746	8.67
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	<b>Y10-Y34</b> Y10-Y34	2,631	8.31
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	<b>Y35-Y36</b> Y35-Y36	10	0.03
<b>COMPLICATIONS OF MEDICAL AND SURGICAL CARE</b> Drugs, medicaments and biological substances causing adverse effects in therapeutic use	<b>Y40-Y84</b> Y40-Y59	2,488	7.86
Misadventures to patients during surgical and medical care	Y60-Y69	312	0.99
Medical devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82	906	2.86
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	10,664	33.68



**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

Table 3.9. : Number of Discharges and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2016: External Causes of Morbidity and Mortality (Cont'd)

<b>DETAILED CAUSE GROUPS</b> <i>(External Causes of Morbidity and Mortality)</i>	<b>KOD I.C.D.10</b> <i>I.C.D.10 Code</i>	<b>BILANGAN DISCAJ<sup>P</sup></b> <i>No. of Discharges<sup>P</sup></i>	<b>KADAR DISCAJ (SETIAP 100,000 PENDUDUK)</b> <i>Discharge Rate (Per 100,000 Population)</i>
<b>SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> Sequelae of External Causes of Morbidity and Mortality	<b>Y85-Y89</b> Y85-Y89	230	0.73
<b>SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE</b> Supplementary Factors Related to Causes of Morbidity and Mortality Classified	<b>Y90-Y98</b> Y90-Y98	2,202	6.95
<b>JUMLAH / Total</b>	<b>V00-Y98</b>	<b>152,124</b>	<b>480.48</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 3.10. : KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2012 - 2016**

Table 3.10. : Incidence Rate of Motor Vehicle Accidents, Malaysia, 2012 - 2016

PERKARA Subject	2012	2013	2014	2015	2016
1. Bilangan Kecederaan Yang Disebabkan Oleh Kemalangan Kenderaan Bermotor <i>Number of Casualties Due to Motor Vehicle Accidents</i>	24,439	19,900	19,704	18,258	19,073
2. Bilangan Kemalangan Kenderaan Bermotor <i>Number of Motor Vehicle Accidents</i>	462,423	477,204	476,196	489,606	521,466
3. Penduduk <sup>1</sup> ('000) <i>Population<sup>1</sup> ('000)</i>	29,510.0	30,213.7	30,708.5	31,186.1	31,660.7
4. Kadar Kejadian Kemalangan Kereta Bermotor Bagi Setiap 10,000 Penduduk <sup>2</sup> <i>Incidence Rate of Motor Vehicle Accidents per 10,000 population<sup>2</sup></i>	156.70	157.94	155.07	156.99	164.70

Nota/Notes:

<sup>1</sup> 2012-2015 : Anggaran Penduduk Semasa (Muktamad) / *Current Population Estimates (Final)*.

2016 : Anggaran Penduduk Semasa (Anggaran) / *Current Population Estimates (Estimated)*

<sup>2</sup> Statistik dikemaskini berdasarkan anggaran penduduk semasa bagi tahun yang berkenaan.

<sup>2</sup> *The statistics were updated based on the population estimated of the respective years.*

Punca : Jabatan Siasatan dan Penguatkuasaan Trafik Bukit Aman

<sup>1</sup> Jabatan Perangkaan Malaysia

Source : *Department of Investigation and Traffic Enforcement Bukit Aman*

<sup>1</sup> *Department of Statistics, Malaysia*

**JADUAL 3.11. : KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2016**

Table 3.11. : *Incidence Rate of Industrial Accidents, Malaysia, 2016*

1.	Bilangan Kecederaan Yang Disebabkan Oleh Kemalangan Perusahaan <i>Number of Casualties Due to Industrial Accidents</i>	66,618
2.	Bilangan Pekerja Aktif Perkeso (^000) <i>Number of SOCSO's Active Employees (^000)</i>	6,598
3.	Kadar Kejadian Kemalangan Perusahaan Bagi Setiap 100,000 Tenaga Bekerja <i>Incidence Rate of Industrial Accidents per 100,000 Workforce</i>	1,010

Punca : Pertubuhan Keselamatan Sosial Malaysia

Source : *Social Security Organisation Malaysia*

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016: PENYAKIT BAWAAN AIR DAN MAKANAN.**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016: Food and Water Borne Diseases.

NEGERI State	DISENTERI <i>Dysentery</i>		KERACUNAN MAKANAN <i>Food Poisoning</i>		TIFOID <i>Typhoid</i>	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	0	-	0	-	0	-
Kedah	0	-	0	-	0	-
Pulau Pinang	0	-	0	-	0	-
Perak	0	-	0	-	0	-
Selangor	1	0.02	0	-	0	-
W.P. Kuala Lumpur <sup>1</sup>	0	-	0	-	0	-
W.P. Labuan	0	-	0	-	0	-
Negeri Sembilan	0	-	0	-	0	-
Melaka	0	-	0	-	0	-
Johor	0	-	2	0.05	1	0.03
Pahang	0	-	0	-	0	-
Terengganu	0	-	0	-	0	-
Kelantan	0	-	0	-	0	-
Sabah	0	-	4	0.10	3	0.08
Sarawak	0	-	0	-	0	-
<b>MALAYSIA</b>	<b>1</b>	<b>0.00</b>	<b>6</b>	<b>0.02</b>	<b>4</b>	<b>0.01</b>

Nota/Note:

\* Kadar kematian bagi setiap 100,000 penduduk / *Mortality rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Kolera dan Hepatitis A pada tahun 2016  
*No deaths were reported for Cholera and Hepatitis A in 2016*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT BAWAAN VEKTOR**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016:  
Vector Borne Diseases

NEGERI State	DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>		MALARIA <i>Malaria</i>	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	3	1.20	0	-
Kedah	5	0.24	0	-
Pulau Pinang	12	0.70	0	-
Perak	10	0.40	0	-
Selangor	78	1.24	0	-
W.P. Kuala Lumpur <sup>1</sup>	22	1.18	0	-
W.P. Labuan	0	-	0	-
Negeri Sembilan	26	2.36	1	0.09
Melaka	7	0.78	0	-
Johor	23	0.63	0	-
Pahang	11	0.68	0	-
Terengganu	20	1.69	0	-
Kelantan	11	0.61	0	-
Sabah	2	0.05	0	-
Sarawak	7	0.26	1	0.04
<b>MALAYSIA</b>	<b>237</b>	<b>0.75</b>	<b>2</b>	<b>0.01</b>

Nota/Note:

\* Kadar kematian bagi setiap 100,000 penduduk / *Mortality rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Demam Denggi, *Plague*, Tifus dan Demam Kuning pada tahun 2016  
*No deaths were reported for Dengue, Plague, Typhus and Yellow Fever in 2016*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT CEGAHAN VAKSIN**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016:  
Vaccine Preventable Diseases

NEGERI State	DIFTERIA <i>Diphtheria</i>		HEPATITIS B		CAMPAK <i>Measles</i>	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	0	-	0	-	0	-
Kedah	1	0.05	3	0.14	0	-
Pulau Pinang	0	-	0	-	0	-
Perak	0	-	7	0.28	0	-
Selangor	0	-	17	0.27	0	-
W.P. Kuala Lumpur <sup>1</sup>	0	-	2	0.11	0	-
W.P. Labuan	0	-	0	-	0	-
Negeri Sembilan	0	-	2	0.18	0	-
Melaka	1	0.11	2	0.22	0	-
Johor	0	-	7	0.19	0	-
Pahang	0	-	6	0.37	0	-
Terengganu	0	-	2	0.17	0	-
Kelantan	0	-	1	0.06	0	-
Sabah	3	0.08	6	0.16	5	0.13
Sarawak	0	-	3	0.11	0	-
<b>MALAYSIA</b>	<b>5</b>	<b>0.02</b>	<b>58</b>	<b>0.18</b>	<b>5</b>	<b>0.02</b>

Nota/Note:

\* Kadar kematian bagi setiap 100,000 penduduk / *Mortality rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT CEGAHAN VAKSIN (SAMB.)**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016:  
Vaccine Preventable Diseases (Cont'd)

NEGERI State	LAIN-LAIN TETANUS Other Tetanus		PERTUSIS Pertusis	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	-	0	-
Kedah	1	0.05	0	-
Pulau Pinang	0	-	0	-
Perak	0	-	0	-
Selangor	0	-	1	0.02
W.P. Kuala Lumpur <sup>1</sup>	0	-	0	-
W.P. Labuan	0	-	0	-
Negeri Sembilan	0	-	0	-
Melaka	0	-	0	-
Johor	0	-	0	-
Pahang	0	-	0	-
Terengganu	0	-	0	-
Kelantan	0	-	0	-
Sabah	1	0.03	1	0.03
Sarawak	0	-	0	-
<b>MALAYSIA</b>	<b>2</b>	<b>0.01</b>	<b>2</b>	<b>0.01</b>

Nota/Note:

\* Kadar kematian bagi setiap 100,000 penduduk/Mortality rate per 100,000 population

<sup>1</sup> Termasuk W.P. Putrajaya / Includes W.P. Putrajaya

- Tiada kes kematian dilaporkan bagi penyakit Poliomyelitis Akut dan Neonatal Tetanus pada tahun 2016  
No deaths were reported for Acute Poliomyelitis and Neonatal Tetanus in 2016

Punca : Bahagian Kawalan Penyakit, KKM  
Source : Disease Control Division, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
PENYAKIT TRANSMISI SECARA SEKSUAL**

*Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016:  
Sexually Transmitted Diseases*

NEGERI State	SIFILIS Syphilis	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	-
Kedah	0	-
Pulau Pinang	0	-
Perak	1	0.04
Selangor	2	0.03
W.P. Kuala Lumpur <sup>1</sup>	1	0.05
W.P. Labuan	0	-
Negeri Sembilan	1	0.09
Melaka	0	-
Johor	1	0.03
Pahang	1	0.06
Terengganu	0	-
Kelantan	0	-
Sabah	3	0.08
Sarawak	2	0.07
<b>MALAYSIA</b>	<b>12</b>	<b>0.04</b>

Nota/Note:

\* Kadar kematian bagi setiap 100,000 penduduk / *Mortality rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit *Chancroid* dan *Gonorrhoea* pada tahun 2016  
*No deaths were reported for Chancroid and Gonorrhoea in 2016*

Punca : Bahagian Kawalan Penyakit, KKM

Source : *Disease Control Division, MoH*



**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016:  
LAIN-LAIN PENYAKIT BERJANGKIT**

*Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016:  
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*
Perlis	15	5.98	1	0.40	4	1.59
Kedah	15	0.71	6	0.28	16	0.75
Pulau Pinang	9	0.52	1	0.06	0	-
Perak	61	2.46	11	0.44	4	0.16
Selangor	63	1.00	12	0.19	17	0.27
W.P. Kuala Lumpur <sup>1</sup>	45	2.41	2	0.11	14	0.75
W.P. Labuan	1	1.02	0	-	0	-
Negeri Sembilan	38	3.46	21	1.91	2	0.18
Melaka	37	4.10	2	0.22	2	0.22
Johor	35	0.96	5	0.14	50	1.37
Pahang	82	5.04	13	0.80	12	0.74
Terengganu	62	5.24	12	1.01	30	2.53
Kelantan	113	6.29	5	0.28	16	0.89
Sabah	115	3.02	3	0.08	2	0.05
Sarawak	51	1.86	1	0.04	0	-
<b>MALAYSIA</b>	<b>742</b>	<b>2.34</b>	<b>95</b>	<b>0.30</b>	<b>169</b>	<b>0.53</b>

Nota/Note:

\* Kadar kematian bagi setiap 100,000 penduduk / *Mortality rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM

Source : *Disease Control Division, MoH*

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)**

*Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016: Other Infectious Diseases (Cont'd)*

NEGERI <i>State</i>	LEPTOSPIROSIS		OTHER SPECIFIED VIRAL HEPATITIS	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	0	-	0	-
Kedah	4	0.19	0	-
Pulau Pinang	2	0.12	0	-
Perak	1	0.04	0	-
Selangor	8	0.13	0	-
W.P. Kuala Lumpur <sup>1</sup>	0	-	0	-
W.P. Labuan	0	-	0	-
Negeri Sembilan	2	0.18	0	-
Melaka	6	0.67	0	-
Johor	7	0.19	0	-
Pahang	3	0.18	0	-
Terengganu	2	0.17	0	-
Kelantan	5	0.28	0	-
Sabah	9	0.24	1	0.03
Sarawak	3	0.11	0	-
<b>MALAYSIA</b>	<b>52</b>	<b>0.16</b>	<b>1</b>	<b>0.00</b>

Nota/Note:

\* Kadar kematian bagi setiap 100,000 penduduk / *Mortality rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

Punca : Bahagian Kawalan Penyakit, KKM

Source : *Disease Control Division, MoH*

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2016: LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)**

*Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2016: Other Infectious Diseases (Cont'd)*

NEGERI State	TIBI <i>Tuberculosis</i>		VIRAL ENSEFALITIS <i>Viral Encephalitis</i>	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	22	8.76	0	-
Kedah	154	7.26	1	0.05
Pulau Pinang	138	8.03	0	-
Perak	193	7.77	0	-
Selangor	293	4.65	0	-
W.P. Kuala Lumpur <sup>1</sup>	73	3.90	1	0.05
W.P. Labuan	11	11.25	0	-
Negeri Sembilan	36	3.27	0	-
Melaka	47	5.21	0	-
Johor	145	3.97	0	-
Pahang	76	4.67	0	-
Terengganu	71	6.00	0	-
Kelantan	108	6.01	0	-
Sabah	368	9.65	1	0.03
Sarawak	210	7.66	0	-
<b>MALAYSIA</b>	<b>1,945</b>	<b>6.14</b>	<b>3</b>	<b>0.01</b>

Nota/Note:

\* Kadar kematian bagi setiap 100,000 penduduk / *Mortality rate per 100,000 population*

<sup>1</sup> Termasuk W.P. Putrajaya / *Includes W.P. Putrajaya*

- Tiada kes kematian dilaporkan bagi penyakit Ebola, Penyakit Tangan, Kaki dan Mulut Kusta, Rabies dan Demam Berulang pada tahun 2016

*No deaths were reported for Ebola, Hand, Foot and Mouth Diseases Leprosy, Rabies and Relapsing Fever in 2016*

Punca : Bahagian Kawalan Penyakit, KKM

Source : Disease Control Division, MoH

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE CIRCULATORY SYSTEM**

Table 3.13. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Circulatory System

<b>DETAILED CAUSE GROUPS ( Diseases of the Circulatory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b>	<b>I00-I09</b>		
Acute rheumatic fever	I00-I02	3	0.01
Chronic rheumatic heart diseases	I05-I09	34	0.11
<b>HYPERTENSIVE DISEASES</b>	<b>I10-I15</b>		
Essential (primary) hypertension	I10	258	0.81
Hypertensive heart disease	I11	11	0.03
Hypertensive renal disease	I12	18	0.06
Hypertensive heart and renal disease	I13	44	0.14
Secondary hypertension	I15	0	-
<b>ISCHAEMIC HEART DISEASES</b>	<b>I20-I25</b>		
Angina pectoris	I20	209	0.66
Acute myocardial infarction	I21	1,829	5.78
Remainder of ischaemic heart disease	Remainder of I20-I25	2,033	6.42
<b>DISEASES OF PULMONARY CIRCULATION &amp; OTHER FORMS OF HEART DISEASES</b>	<b>I26-I52</b>		
Pulmonary embolism	I26	305	0.96
Acute pericarditis	I30	4	0.01
Acute and subacute endocarditis	I33	67	0.21
Acute myocarditis	I40	12	0.04
Cardiac arrest	I46	746	2.36
Conduction disorders and cardiac arrhythmias	I44-I45, I47-I49	334	1.05
Heart Failure	I50	1,010	3.19
Remainder of diseases of pulmonary circulation and other forms of heart diseases	Remainder of I26-I52	333	1.05

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE CIRCULATORY SYSTEM (SAMB.)**

Table 3.13. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Circulatory System (Cont'd)

<b>DETAILED CAUSE GROUPS ( Diseases of the Circulatory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>CEREBROVASCULAR DISEASES</b>	<b>I60-I69</b>		
Subarachnoid haemorrhage	I60	171	0.54
Intracerebral haemorrhage	I61	969	3.06
Cerebral infarction	I63	820	2.59
Stroke, not specified as haemorrhage or infarction	I64	1,219	3.85
Remainder of cerebrovascular disease	Remainder of I60-I69	1,063	3.36
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>		
Atherosclerosis	I70	1	0.00
Aortic aneurysm and dissection	I71	150	0.47
Other aneurysm and dissection	I72	37	0.12
Arterial embolism and thrombosis	I74	8	0.03
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	41	0.13
Phlebitis and thrombophlebitis	I80	9	0.03
Varicose veins of lower extremities	I83	2	0.01
Haemorrhoids	I84	4	0.01
Oesophageal varices	I85	56	0.18
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	57	0.18
<b>JUMLAH / Total</b>	<b>I70-I99</b>	<b>11,857</b>	<b>37.45</b>

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, 2016:  
NEOPLASMS**

Table 3.14. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Neoplasms

<b>DETAILED CAUSE GROUPS ( Neoplasms )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	<b>C00-C14</b> C00-C14	277	0.87
<b>MALIGNANT NEOPLASMS OF DIGESTIVE ORGANS</b> Malignant neoplasm of oesophagus Malignant neoplasm of stomach Malignant neoplasm of colon Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal Malignant neoplasm of liver and intrahepatic bile ducts Malignant neoplasm of pancreas Remainder of malignant neoplasm of digestive organs	<b>C15-C26</b> C15 C16 C18 C19-C21 C22 C25 Remainder of C15-C26	62 162 297 260 457 163 74	0.20 0.51 0.94 0.82 1.44 0.51 0.23
<b>MALIGNANT NEOPLASMS OF RESPIRATORY AND INTRATHORACIC ORGANS</b> Malignant neoplasm of larynx Malignant neoplasm of trachea, bronchus & lung Remainder of malignant neoplasm of respiratory and intrathoracic organs	<b>C30-C39</b> C32 C33-C34 Remainder of C30-C39	29 971 37	0.09 3.07 0.12
<b>MALIGNANT NEOPLASMS OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST</b> Malignant of neoplasm of bone and articular cartilage Melanoma and other malignant neoplasms of skin Malignant neoplasms of mesothelial and soft tissue Malignant neoplasm of breast Remainder of malignant neoplasm of bone, connective tissue, skin and breast	<b>C40-C50</b> C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	37 41 60 651 0	0.12 0.13 0.19 2.06 -

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
NEOPLASMS (SAMB.)**

Table 3.14. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Neoplasms (Cont'd)

<b>DETAILED CAUSE GROUPS ( Neoplasms )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>MALIGNANT NEOPLASMS OF GENITAL ORGANS AND URINARY TRACT</b>	<b>C51-C68</b>		
Malignant neoplasm of cervix uteri	C53	126	0.40
Malignant neoplasm of other and unspecified part of uterus	C54-C55	88	0.28
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	161	0.51
Malignant neoplasm of prostate	C61	124	0.39
Malignant neoplasm of bladder	C67	79	0.25
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	100	0.32
<b>MALIGNANT NEOPLASMS OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>	<b>C69-C72</b>		
Malignant neoplasms of eye, brain and other parts of central nervous system	C69-C72	105	0.33
<b>MALIGNANT NEOPLASMS OF THYROID AND OTHER ENDOCRINE GLANDS</b>	<b>C73-C75</b>		
Malignant neoplasms of thyroid and other endocrine glands	C73-C75	86	0.27
<b>MALIGNANT NEOPLASMS OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b>	<b>C76-C80</b>		
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	905	2.86
<b>MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b>	<b>C81-C96</b>		
Hodgkin's disease	C81	30	0.09
Non-Hodgkin's disease	C82-C85	215	0.68
Leukaemia	C91-C95	297	0.94
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	54	0.17

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
NEOPLASMS (SAMB.)**

Table 3.14. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Neoplasms (Cont'd)

<b>DETAILED CAUSE GROUPS ( Neoplasms )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>MALIGNANT NEOPLASMS OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasms of independent (primary) multiple sites	<b>C97</b> C97	3	0.01
<b>IN SITU NEOPLASMS</b> In situ neoplasms	<b>D00-D09</b> D00-D09	63	0.20
<b>BENIGN NEOPLASMS</b> Benign neoplasm of skin Benign neoplasm of breast Leiomyoma of uterus Remainder of benign neoplasms	<b>D10-D36</b> D22-D23 D24 D25 Remainder of D10-D36	0 1 1 73	- 0.00 0.00 0.23
<b>NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	<b>D37-D48</b> D37-D48	179	0.57
<b>JUMLAH / Total</b>	<b>C00-D48</b>	<b>6,268</b>	<b>19.80</b>

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, 2016:  
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES**

Table 3.15. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Endocrine, Nutritional and Metabolic Diseases

<b>DETAILED CAUSE GROUPS ( Endocrine, Nutritional and Metabolic Diseases )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>		
Iodine deficiency-related thyroid disorders	E00-E02	1	0.00
Thyrotoxicosis (hyperthyroidism)	E05	42	0.13
Diabetes mellitus	E10-E14	1	0.00
Hypoparathyroidism	E20	321	1.01
Kwashiokor	E40	1	0.00
Other malnutrition conditions	E41-E46	7	0.02
Other nutritional deficiencies	E50-E64	2	0.01
Obesity	E66	1	0.00
Remainder of obesity and other hyperalimentation	E65, E67-E68	0	-
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	664	2.10
<b>JUMLAH / Total</b>	<b>E00-E90</b>	<b>1,040</b>	<b>3.28</b>

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, 2016:  
DISEASES OF THE RESPIRATORY SYSTEM**

Table 3.16. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Respiratory System

<b>DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>ACUTE UPPER RESPIRATORY INFECTIONS</b>	<b>J00-J06</b>		
Acute nasopharyngitis	J00	0	-
Acute sinusitis	J01	1	0.00
Acute pharyngitis	J02	1	0.00
Acute tonsillitis	J03	0	-
Acute laryngitis and tracheitis	J04	0	-
Remainder of diseases of the upper respiratory tract	Remainder of J00-J06	9	0.03
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J09-J22</b>		
Influenza	J09-J11	6	0.02
Viral pneumonia, not elsewhere classified	J12	48	0.15
Other pneumonia	J13-J18	6,527	20.62
Acute bronchitis	J20	0	-
Acute bronchiolitis	J21	9	0.03
Unspecified acute lower respiratory infections	J22	9	0.03
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>		
Chronic sinusitis	J32	2	0.01
Chronic diseases of tonsils and adenoids	J35	0	-
Remainder of other diseases of upper respiratory tract	Remainder of J30-J39	6	0.02

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

Table 3.16. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Respiratory System (Cont'd)

<b>DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>CHRONIC LOWER RESPIRATORY DISEASES</b>	<b>J40-J47</b>		
Bronchitis, not specified as acute or chronic	J40	1	0.00
Emphysema	J43	3	0.01
Other chronic obstructive pulmonary disease	J44	635	2.01
Asthma	J45-J46	75	0.24
Bronchiectasis	J47	103	0.33
Other chronic lower respiratory tract diseases	J41-J42	2	0.01
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>		
Pneumoconiosis	J60-J65	9	0.03
Other lung diseases due to external agents	J66-J70	1,726	5.45
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>		
Pulmonary oedema	J81	266	0.84
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	133	0.42
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>		
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	38	0.12

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

Table 3.16. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Respiratory System (Cont'd)

<b>DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>OTHER DISEASES OF PLEURA</b>	<b>J90-J94</b>		
Pleural effusion, not elsewhere classified	J90	99	0.31
Pneumothorax	J93	28	0.09
Remainder of other diseases of pleura	Remainder of J90-J94	15	0.05
<b>OTHER DISEASES OF THE RESPIRATORY SYSTEM</b>	<b>J95-J99</b>		
Respiratory failure, not elsewhere classified	J96	176	0.56
Remainder of other diseases of the respiratory system	Remainder of J95-J99	193	0.61
<b>JUMLAH / Total</b>	<b>J00-J99</b>	<b>10,120</b>	<b>31.96</b>

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, 2016:**  
**DISEASES OF THE DIGESTIVE SYSTEM**

Table 3.17. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Digestive System

<b>DETAILED CAUSE GROUPS</b> ( Diseases of the Digestive System )	<b>KOD I.C.D.10</b> I.C.D.10 Code	<b>BILANGAN KEMATIAN <sup>P</sup></b> No. of Deaths <sup>P</sup>	<b>KADAR KEMATIAN</b> (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS</b>	<b>K00-K14</b>		
Dental caries	K02	0	-
Gingivitis and periodontal diseases	K05	0	-
Stomatitis and related lesions	K12	3	0.01
Remainder of diseases of oral cavity, salivary glands and jaws	Remainder of K00-K14	4	0.01
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b>	<b>K20-K31</b>		
Diseases of oesophagus	K20-K22	7	0.02
Gastric ulcer	K25	51	0.16
Doudenal ulcer	K26	26	0.08
Peptic ulcer, site unspecified	K27	22	0.07
Gastrojejunal ulcer	K28	1	0.00
Gastritis and duodenitis	K29	3	0.01
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	9	0.03
<b>DISEASES OF APPENDIX</b>	<b>K35-K38</b>		
Acute appendicitis	K35	8	0.03
Other appendicitis	K36	0	-
Unspecified appendicitis	K37	0	-
Other diseases of the appendix	K38	0	-
<b>HERNIA</b>	<b>K40-K46</b>		
Inguinal hernia	K40	8	0.03
Other hernias	K41-K46	12	0.04

**JADUAL 3.17. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE DIGESTIVE SYSTEM (SAMB.)**

Table 3.17 : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Digestive System (Cont'd)

<b>DETAILED CAUSE GROUPS ( Diseases of the Digestive System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	<b>K50-K67</b>		
Crohn's disease and ulcerative colitis	K50-K51	2	0.01
Other noninfective gastroenteritis and colitis	K52	3	0.01
Paralytic ileus and intestinal obstruction without hernia	K56	58	0.18
Diverticular diseases of intestine	K57	20	0.06
Fissure and fistula of anal and rectal regions	K60	2	0.01
Abscess of anal and rectal regions	K61	5	0.02
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	99	0.31
Peritonitis	K65	113	0.36
Other disorders of peritoneum	K66-K67	8	0.03
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	<b>K70-K93</b>		
Alcoholic liver disease	K70	43	0.14
Hepatic failure, not elsewhere classified	K72	450	1.42
Chronic hepatitis, not elsewhere classified	K73	1	0.00
Fibrosis and cirrhosis of liver	K74	213	0.67
Cholelithiasis	K80	5	0.02
Cholecystitis	K81	12	0.04
Acute pancreatitis	K85	79	0.25
Remainder of other diseases of the digestive system	Remainder of K70-K93	996	3.15
<b>JUMLAH / Total</b>	<b>K00-K93</b>	<b>2,263</b>	<b>7.15</b>

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, 2016:  
DISEASES OF THE GENITOURINARY SYSTEM**

Table 3.18. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Genitourinary System

<b>DETAILED CAUSE GROUPS ( Diseases of the Genitourinary System )</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>p</sup> No. of Deaths <sup>p</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>GLOMERULAR DISEASES</b>	<b>N00-N08</b>		
Acute and progressive nephritic syndrome	N00-N01	9	0.03
Chronic nephritic syndrome	N03	1	0.00
Nephritic syndrome	N04	7	0.02
Remainder of glomerular diseases	Remainder of N00-N08	2	0.01
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b>	<b>N10-N16</b>		
Renal tubulo-interstitial diseases	N10-N16	34	0.11
<b>RENAL FAILURE</b>	<b>N17-N19</b>		
Acute renal failure	N17	330	1.04
Chronic kidney disease	N18	783	2.47
Unspecified kidney failure	N19	71	0.22
<b>OTHER DISEASES OF THE URINARY SYSTEM</b>	<b>N20-N39</b>		
Calculus of kidney, ureter and lower urinary tract	N20-N22	6	0.02
Unspecified renal colic	N23	1	0.00
Other disorders of kidney and ureter	N25-N29	13	0.04
Cystitis	N30	2	0.01
Urethritis and urethral syndrome	N34	1	0.00
Urethral stricture	N35	0	-
Remainder of other diseases of the urinary system	Remainder of N20-N39	735	2.32

**JADUAL 3.18. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
DISEASES OF THE GENITOURINARY SYSTEM (SAMB.)**

Table 3.18. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Diseases of the Genitourinary System (Cont'd)

<b>DETAILED CAUSE GROUPS</b> ( Diseases of the Genitourinary System )	<b>KOD I.C.D.10</b> <i>I.C.D.10 Code</i>	<b>BILANGAN KEMATIAN <sup>P</sup></b> <i>No. of Deaths <sup>P</sup></i>	<b>KADAR KEMATIAN</b> <b>(SETIAP 100,000</b> <b>PENDUDUK)</b> <i>Mortality Rate (Per</i> <i>100,000 Population)</i>
<b>DISEASES OF MALE GENITAL ORGANS</b>	<b>N40-N51</b>		
Hyperplasia of prostate	N40	4	0.01
Hydrocele and spermatocele	N43	0	-
Orchitis and epididymitis	N45	1	0.00
Male infertility	N46	0	-
Redundant prepuce, phimosis and paraphimosis	N47	0	-
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	14	0.04
<b>DISORDERS OF BREAST</b>	<b>N60-N64</b>		
Disorders of breast	N60-N64	0	-
<b>DISORDERS OF FEMALE GENITAL ORGANS</b>	<b>N70-N99</b>		
Salpingitis and oophoritis	N70	2	0.01
Inflammatory disease of uterus, except cervix	N71	1	0.00
Inflammatory disease of cervix uteri	N72	0	-
Other inflammatory diseases of female pelvic organs	N73-N77	3	0.01
Endometriosis	N80	0	-
Female genital prolapse	N81	0	-
Erosion and ectropian of cervix uteri	N86	0	-
Disorders of menstruation	N91-N92	0	-
Menopausal and other perimenopausal disorders	N95	0	-
Female infertility	N97	0	-
Remainder of disorders of female genital organs	Remainder of N70-N99	6	0.02
<b>JUMLAH / Total</b>	<b>N00-N99</b>	<b>2,026</b>	<b>6.40</b>

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, 2016:  
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD**

Table 3.19. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Certain Conditions Originating in the Perinatal Period

<b>DETAILED CAUSE GROUPS (Certain Conditions Originating in the Perinatal Period)</b>	<b>KOD I.C.D.10 I.C.D.10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)</b>
<b>FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY</b> Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	<b>P00-P04</b>  P00-P04	  22	  0.07
<b>DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH</b> Slow fetal growth and fetal malnutrition Disorders related to short gestation and low birth weight, not elsewhere classified Disorders related to long gestation and high birth weight	<b>P05-P08</b> P05 P07  P08	 1 457  0	 0.00 1.44  -
<b>BIRTH TRAUMA</b> Birth trauma	<b>P10-P15</b> P10-P15	 6	 0.02
<b>RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD</b> Intrauterine hypoxia and birth asphyxia Respiratory distress of newborn Neonatal aspiration syndrome Remainder of respiratory and cardiovascular disorders specific to the perinatal period	<b>P20-P29</b>  P20-P21 P22 P24 Remainder of P20-P29	  36 34 61 198	  0.11 0.11 0.19 0.63
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	<b>P35-P39</b> P35-P39	 248	 0.78

**JADUAL 3.19. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SAMB.)**

Table 3.19. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: Certain Conditions Originating in the Perinatal Period (Cont'd)

<b>DETAILED CAUSE GROUPS</b> <i>(Certain Conditions Originating in the Perinatal Period)</i>	<b>KOD I.C.D.10</b> <i>I.C.D.10 Code</i>	<b>BILANGAN KEMATIAN<sup>P</sup></b> <i>No. of Deaths<sup>P</sup></i>	<b>KADAR KEMATIAN</b> <b>(SETIAP 100,000</b> <b>PENDUDUK)</b> <i>Mortality Rate (Per</i> <i>100,000 Population)</i>
<b>HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN</b>	<b>P50-P61</b>		
Haemolytic disease of fetus and newborn	P55	1	0.00
Neonatal jaundice	P58-P59	15	0.05
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	50	0.16
<b>OTHER DISORDERS OF FETUS AND NEWBORN</b>	<b>P70-P96</b>		
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	4	0.01
Digestive system disorders of fetus and newborn	P75-P78	31	0.10
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	30	0.09
Convulsion of newborn	P90	1	0.00
Feeding problems of newborn	P92	1	0.00
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	97	0.31
<b>JUMLAH / Total</b>	<b>P00-P96</b>	<b>1,293</b>	<b>4.08</b>

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, 2015:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY**

Table 3.20. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: External Causes of Morbidity and Mortality

<i>Detailed Cause Groups (Diseases of External Causes)</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup></b>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)</b>
<b>TRANSPORT ACCIDENTS</b>	<b>V01-V99</b>		
Pedestrian injured in transport accident	V01-V09	23	0.07
Pedal cyclist injured in transport accident	V10-V19	9	0.03
Motorcycle Pedestrian injured in transport accident	V20-V29	230	0.73
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	0	-
Car occupant injured in transport accident	V40-V49	37	0.12
Occupant of pick-up truck or van injured in transport accident	V50-V59	4	0.01
Occupant of heavy transport vehicle injured in transport accident	V60-V69	5	0.02
Bus occupant injured in transport accident	V70-V79	0	-
Other land transport accidents	V80-V89	613	1.94
Water transport accidents	V90-V94	0	-
Air and space transport accidents	V95-V97	0	-
Other and unspecified transport accidents	V98-V99	9	0.03
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>	<b>W00-X59</b>		
Falls	W00-W19	208	0.66
Exposure to inanimate mechanical factors	W20-W49	23	0.07
Exposure to animate mechanical factors	W50-W64	4	0.01
Accidental drowning and submersion	W65-W74	6	0.02
Other accidental threats to breathing	W75-W84	7	0.02
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	1	0.00
Exposure to smoke, fire and flames	X00-X09	43	0.14
Contact with heat and hot substances	X10-X19	13	0.04
Contact with venomous animals and plants	X20-X29	4	0.01
Exposure to forces of nature	X30-X39	2	0.01
Accidental poisoning by and exposure to noxious substances	X40-X49	82	0.26
Overexertion, travel and privation	X50-X57	1	0.00
Accidental exposure to other and unspecified factors	X58-X59	546	1.72

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMBUNGAN)**

Table 3.20. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: External Causes of Morbidity and Mortality (Cont'd)

<b>Detailed Cause Groups</b> <i>(Diseases of External Causes)</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN <sup>P</sup></b> <i>No. of Deaths <sup>P</sup></i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	<b>X60-X84</b> X60-X84	54	0.17
<b>ASSAULT</b> Assault	<b>X85-Y09</b> X85-Y09	18	0.06
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	<b>Y10-Y34</b> Y10-Y34	51	0.16
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	<b>Y35-Y36</b> Y35-Y36	0	-
<b>COMPLICATIONS OF MEDICAL AND SURGICAL CARE</b> Drugs, medicaments and biological substances causing adverse effects in therapeutic use	<b>Y40-Y84</b> Y40-Y59	19	0.06
Misadventures to patients during surgical and medical care	Y60-Y69	8	0.03
Medical devices associated with adverse incidents in diagnostic and therapeutic use	Y70-Y82	8	0.03
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	284	0.90

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMBUNGAN)**

Table 3.20. : Number of Deaths and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2016: External Causes of Morbidity and Mortality (Cont'd)

<b>Detailed Cause Groups</b> <i>(Diseases of External Causes)</i>	<b>KOD I.C.D.10</b> <i>I.C.D.10 Code</i>	<b>BILANGAN KEMATIAN <sup>P</sup></b> <i>No. of Deaths <sup>P</sup></i>	<b>KADAR KEMATIAN</b> <b>(SETIAP 100,000</b> <b>PENDUDUK)</b> <i>Mortality Rate (Per</i> <i>100,000 Population)</i>
<b>SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> Sequelae of External Causes of Morbidity and Mortality	<b>Y85-Y89</b> Y85-Y89	2	0.01
<b>SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE</b> Supplementary Factors Related to Causes of Morbidity and Mortality Classified	<b>Y90-Y98</b> Y90-Y98	670	2.12
<b>JUMLAH / Total</b>	<b>V01-Y98</b>	<b>2,984</b>	<b>9.42</b>

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, 2016**

Table 3.21. : Number and Percentage of Orally Fit Primary and Secondary School Children by State, Malaysia, 2016

NEGERI State	SEKOLAH RENDAH Primary School				SEKOLAH MENENGAH Secondary School			
	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	%
Perlis	23,238	23,174	12,243	52.83	20,663	20,563	13,875	67.48
Kedah	188,742	188,384	128,192	68.05	154,880	154,257	111,014	71.97
Pulau Pinang	130,532	130,073	74,401	57.20	107,412	106,805	80,635	75.50
Perak	205,921	205,231	151,857	73.99	184,016	183,161	137,604	75.13
Selangor	517,029	509,494	353,603	69.40	358,998	322,450	252,303	78.25
W.P. Kuala Lumpur	128,486	128,357	89,509	69.73	92,579	89,098	76,265	85.60
W.P. Putrajaya	13,428	13,428	7,867	58.59	7,322	7,265	5,345	73.57
W.P. Labuan	8,222	8,168	5,130	62.81	5,787	5,713	2,840	49.71
Negeri Sembilan	102,288	101,513	58,999	58.12	86,926	85,980	54,664	63.58
Melaka	79,380	79,153	40,030	50.57	67,361	66,802	37,783	56.56
Johor	325,056	323,253	273,031	84.46	257,795	254,451	207,572	81.58
Pahang	145,710	145,053	88,268	60.85	115,560	114,710	68,874	60.04
Terengganu	127,958	127,265	80,933	63.59	100,818	98,519	61,736	62.66
Kelantan	174,576	173,472	54,389	31.35	153,144	145,083	76,921	53.02
Sabah	263,745	255,527	132,722	51.94	189,392	152,688	68,553	44.90
Sarawak	243,639	237,875	136,443	57.36	191,835	127,283	75,547	59.35
<b>MALAYSIA</b>	<b>2,677,950</b>	<b>2,649,420</b>	<b>1,687,617</b>	<b>63.70</b>	<b>2,094,488</b>	<b>1,934,828</b>	<b>1,331,531</b>	<b>68.82</b>

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, 2016**

*Table 3.22. : Dental Caries Status: Number of 12 Years Old School Children With M+X=0 by State, Malaysia, 2016*

NEGERI <i>State</i>	MURID SEKOLAH 12 TAHUN <i>12 Years Old School Children</i>		
	KEDATANGAN BARU <i>New Attendances</i>	MURID 12 TAHUN DENGAN M+X=0 <i>12 Years Old School Children With M+X=0</i>	
		BILANGAN <i>Number</i>	%
Perlis	3,768	3,632	96.39
Kedah	31,729	30,758	96.94
Pulau Pinang	21,672	21,259	98.09
Perak	34,746	34,335	98.82
Selangor	82,864	81,338	98.16
W.P. Kuala Lumpur	20,202	20,049	99.24
W.P. Putrajaya	1,723	1,713	99.42
W.P. Labuan	1,212	1,199	98.93
Negeri Sembilan	16,590	16,316	98.35
Melaka	12,916	12,506	96.83
Johor	53,379	52,411	98.19
Pahang	23,571	22,853	96.95
Terengganu	20,562	19,270	93.72
Kelantan	29,451	28,334	96.21
Sabah	42,013	38,308	91.18
Sarawak	40,406	39,023	96.58
<b>MALAYSIA</b>	<b>436,804</b>	<b>423,304</b>	<b>96.91</b>

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, 2016**

Table 3.23. : *Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX=0) by State, Malaysia, 2016*

NEGERI State	MURID SEKOLAH 12 TAHUN <i>12 Years Old School Children</i>			MURID SEKOLAH 16 TAHUN <i>16 Years Old School Children</i>		
	KEDATANGAN BARU <i>New Attendances</i>	12 TAHUN BEBAS KARIES DMFX=0 <i>12 Years Old Caries Free With DMFX=0</i>		KEDATANGAN BARU <i>New Attendances</i>	16 TAHUN BEBAS KARIES DMFX=0 <i>16 Years Old Caries Free With DMFX=0</i>	
		BILANGAN <i>Number</i>	%		BILANGAN <i>Number</i>	%
Perlis	3,768	2,540	67.41	4,190	2,421	57.78
Kedah	31,729	23,977	75.57	32,334	21,749	67.26
Pulau Pinang	21,672	16,264	75.05	22,175	13,295	59.95
Perak	34,746	26,159	75.29	38,189	24,028	62.92
Selangor	82,864	68,593	82.78	63,721	48,221	75.68
W.P. Kuala Lumpur	20,202	17,352	85.89	18,052	13,686	75.81
W.P. Putrajaya	1,723	1,356	78.70	1,362	953	69.97
W.P. Labuan	1,212	756	62.38	1,134	400	35.27
Negeri Sembilan	16,590	13,172	79.40	17,947	12,300	68.54
Melaka	12,916	9,640	74.64	13,151	7,401	56.28
Johor	53,379	42,693	79.98	51,483	35,433	68.82
Pahang	23,571	13,994	59.37	22,882	10,795	47.18
Terengganu	20,562	10,400	50.58	19,596	6,492	33.13
Kelantan	29,451	12,712	43.16	28,715	7,631	26.57
Sabah	42,013	15,104	35.95	28,051	6,074	21.65
Sarawak	40,406	20,442	50.59	30,221	12,906	42.71
<b>MALAYSIA</b>	<b>436,804</b>	<b>295,154</b>	<b>67.57</b>	<b>393,203</b>	<b>223,785</b>	<b>56.91</b>

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 2016**

*Table 4.1. : Distribution of Hospitals and Official Beds Strength in Public Sector by State, Malaysia as at 31 December 2016*

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA <i>Ministry of Health Malaysia</i>						BUKAN KEMENTERIAN KESIHATAN MALAYSIA <i>Non Ministry of Health Malaysia</i>		JUMLAH BESAR <i>Grand Total</i>	
	HOSPITAL		INSTITUSI PERUBATAN KHAS <i>Special Medical Institutions</i>		JUMLAH <i>Total</i>		Bil./No.	Katil/Beds	Bil./No.	Katil/Beds
	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds				
Perlis	1	408	0	0	1	408	0	0	1	408
Kedah	9	2,689	0	0	9	2,689	0	0	9	2,689
Pulau Pinang	6	2,130	0	0	6	2,130	0	0	6	2,130
Perak	14	3,595	1	1,800	15	5,395	1	147	16	5,542
Selangor	12	5,353	1	90	13	5,443	1	88	14	5,531
W.P. Kuala Lumpur	1	2,131	2	284	3	2,415	3	2,475	6	4,890
W.P. Putrajaya	1	341	1	252	2	593	0	0	2	593
W.P. Labuan	1	122	0	0	1	122	0	0	1	122
Negeri Sembilan	6	1,789	0	0	6	1,789	1	36	7	1,825
Melaka	3	1,276	0	0	3	1,276	1	144	4	1,420
Johor	11	4,053	1	1,132	12	5,185	0	0	12	5,185
Pahang	11	2,316	0	0	11	2,316	0	0	11	2,316
Terengganu	6	1,645	0	0	6	1,645	0	0	6	1,645
Kelantan	9	1,816	0	0	9	1,816	1	773	10	2,589
Sabah	22	3,989	2	806	24	4,795	1	20	25	4,815
Sarawak	22	3,640	1	338	23	3,978	0	0	23	3,978
<b>MALAYSIA</b>	<b>135</b>	<b>37,293</b>	<b>9</b>	<b>4,702</b>	<b>144</b>	<b>41,995</b>	<b>9</b>	<b>3,683</b>	<b>153</b>	<b>45,678</b>

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 2016**

*Table 4.2. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2016*

NEGERI <i>State</i>	BILANGAN KLINIK KESIHATAN <i>Number of Health Clinics</i>			JUMLAH KLINIK KESIHATAN <i>Total Health Clinics</i>	NISBAH KLINIK KESIHATAN: PENDUDUK <i>Health Clinic: Population Ratio</i>	KLINIK KESIHATAN BERGERAK (PASUKAN) <i>Mobile Health Clinics (Team)</i>	PERKHIDMATAN DOKTOR UDARA <i>Flying Doctor Services</i>	
	KLINIK KESIHATAN <i>Health Clinic</i>	KLINIK DESA <i>Community Clinic</i>	KLINIK KESIHATAN IBU DAN ANAK <i>Maternal and Child Health Clinic</i>				Bilangan Helikopter <i>Number of Helicopters</i>	Pasukan <i>Team</i>
Kedah	58	218	6	282	1: 7,520	4	0	0
Pulau Pinang	30	60	6	96	1: 17,909	0	0	0
Perak	85	233	11	329	1: 7,547	17	1	1
Selangor	75	116	4	195	1: 32,299	17	0	0
W.P. Kuala Lumpur	12	0	8	20	1: 89,360	0	0	0
W.P. Putrajaya	4	0	0	4	1: 20,825	0	0	0
W.P. Labuan	1	10	0	11	1: 8,891	0	0	0
Negeri Sembilan	47	98	0	145	1: 7,584	8	0	0
Melaka	29	59	1	89	1: 10,131	0	0	0
Johor	95	261	3	359	1: 10,181	21	0	0
Pahang	84	239	5	328	1: 4,964	20	0	0
Terengganu	46	128	1	175	1: 6,765	1	0	0
Kelantan	84	176	0	260	1: 6,912	4	0	0
Sabah	105	168	22	295	1: 12,926	22	2	2
Sarawak	205	7	24	236	1: 11,614	90	3	9
<b>MALAYSIA</b>	<b>969</b>	<b>1,803</b>	<b>91</b>	<b>2,863</b>	<b>1: 11,059</b>	<b>204</b>	<b>6</b>	<b>12</b>

**JADUAL 4.2. : BILANGAN FASILITI KESIHATAN AWAM DAN NISBAH FASILITI KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016 (SAMB.)**

Table 4.2. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2016 (Cont'd)

NEGERI State	KLINIK 1MALAYSIA <sup>1</sup> 1Malaysia Clinics <sup>1</sup>	Klinik Bergerak 1Malaysia 1Malaysia Mobile Clinics			
		Bas Bus	Pasukan Team	Bot Boat	Pasukan Team
Perlis	4	0	0	0	0
Kedah	24	0	0	0	0
Pulau Pinang	24	0	0	0	0
Perak	25	1	2	0	0
Selangor	47	1	2	0	0
W.P. Kuala Lumpur	28	0	0	0	0
W.P. Putrajaya	0	0	0	0	0
W.P. Labuan	2	0	0	0	0
Negeri Sembilan	17	0	0	0	0
Melaka	20	0	0	0	0
Johor	32	1	2	0	0
Pahang	21	2	4	0	0
Terengganu	16	0	0	0	0
Kelantan	23	0	0	0	0
Sabah	39	1	1	2	4
Sarawak	35	1	1	2	4
<b>MALAYSIA</b>	<b>357</b>	<b>7</b>	<b>12</b>	<b>4</b>	<b>8</b>

Nota/Note:

<sup>1</sup> Termasuk Pusat Transformasi Bandar (UTC) dan Pusat Transformasi Luar Bandar (RTC)

<sup>1</sup> 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 2016**

*Table 4.3. : Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2016*

NEGERI State	KLINIK/PERKHIDMATAN <sup>1</sup> <i>Clinics/Services<sup>1</sup></i>			NISBAH KLINIK PERGIGIAN: PENDUDUK <i>Dental Clinic: Population Ratio</i>	KLINIK PERGIGIAN BERGERAK <i>Mobile Dental Clinics</i>	PASUKAN PERGIGIAN BERGERAK <i>Mobile Dental Teams</i>		
	KLINIK STANDALONE <i>Standalone Clinics</i>	PERKHIDMATAN DI DALAM FASILITI LAIN <i>Services in Other Facilities</i>	JUMLAH <i>Total</i>			PRA-SEKOLAH <i>Pre-school</i>	SEKOLAH RENDAH DAN MENENGAH <i>Primary and Secondary School</i>	WARGA TUA DAN KANAK-KANAK ISTIMEWA <i>Elderly and Special Children</i>
Perlis	0	55	55	1: 4,564	1	4	4	0
Kedah	3	192	195	1: 10,875	3	12	31	0
Pulau Pinang	1	135	136	1: 12,642	3	14	30	0
Perak	5	245	250	1: 9,932	3	9	23	3
Selangor	3	209	212	1: 29,709	3	9	46	0
W.P. Kuala Lumpur	4	108	112	1: 15,957	2	6	6	0
W.P. Putrajaya	0	12	12	1: 6,942	0	0	1	0
W.P. Labuan	0	6	6	1: 16,300	0	1	2	0
Negeri Sembilan	7	131	138	1: 7,969	1	3	30	1
Melaka	3	90	93	1: 9,696	1	3	19	0
Johor	8	304	312	1: 11,715	4	7	32	0
Pahang	2	232	234	1: 6,958	2	9	31	0
Terengganu	4	130	134	1: 8,835	2	8	30	0
Kelantan	4	218	222	1: 8,095	4	10	47	0
Sabah	7	174	181	1: 21,067	2	17	48	0
Sarawak	5	231	236	1: 11,614	4	24	66	0
<b>MALAYSIA</b>	<b>56</b>	<b>2,472</b>	<b>2,528</b>	<b>1: 12,524</b>	<b>35</b>	<b>136</b>	<b>446</b>	<b>4</b>

*Nota* : <sup>1</sup> Jumlah Klinik Pergigian merujuk kepada bilangan Klinik Pergigian *Standalone* dan Perkhidmatan Pergigian di dalam fasiliti yang lain, tidak termasuk Pasukan Pergigian Bergerak dan Pasukan Pergigian Bergerak Pra-sekolah, Klinik Pergigian 1Malaysia dan Klinik Pergigian Bergerak 1Malaysia

*Note* : <sup>1</sup> *Number of Dental Clinics refer to standalone Dental Clinics and Dental services in other facilities excluding Mobile Dental Teams and 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 2016 (SAMB.)**

*Table 4.3. : Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2016 (Cont'd)*

NEGERI State	KLINIK PERGIGIAN 1MALAYSIA <i>1Malaysia Dental Clinic</i>			KLINIK PERGIGIAN BERGERAK 1MALAYSIA <i>1Malaysia Mobile Dental Clinics</i>	
	KLINIK PERGIGIAN DI KLINIK 1MALAYSIA <i>Dental Clinics In 1Malaysia Clinic</i>	KLINIK PERGIGIAN DI UTC <i>Dental Clinics In UTC</i>	KLINIK PERGIGIAN DI RTC <i>Dental Clinics In RTC</i>	KLINIK PERGIGIAN BERGERAK 1MALAYSIA <i>1Malaysia Mobile Dental Clinic (Bus)</i>	KLINIK PERGIGIAN BERGERAK 1MALAYSIA <i>1Malaysia Mobile Dental Clinic (Boat)</i>
Perlis	0	0	0	0	0
Kedah	0	2	0	0	0
Pulau Pinang	0	0	0	0	0
Perak	0	1	0	0	0
Selangor	0	0	0	0	0
W.P. Kuala Lumpur	0	2	0	0	0
W.P. Putrajaya	0	0	0	0	0
W.P. Labuan	0	0	0	0	0
Negeri Sembilan	0	0	0	0	0
Melaka	0	1	1	0	0
Johor	0	1	0	0	0
Pahang	0	1	1	1	0
Terengganu	0	1	0	0	0
Kelantan	1	1	0	0	0
Sabah	0	3	0	0	2
Sarawak	0	4	1	0	0
<b>MALAYSIA</b>	<b>1</b>	<b>17</b>	<b>3</b>	<b>1</b>	<b>2</b>

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 2016**

Table 4.4. : *Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2016*

NEGERI State	FASILITI BERLESEN / <i>Licensed Health Facilities</i>									
	HOSPITAL SWASTA <i>Private Hospital</i>		RUMAH BERSALIN SWASTA <i>Private Maternity Home</i>		RUMAH JAGAAN KEJURURAWATAN SWASTA <i>Private Nursing Home</i>		HOSPIS SWASTA <i>Private Hospice</i>		PUSAT JAGAAN AMBULATORI SWASTA <i>Private Ambulatory Care Centre</i>	
	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds
Perlis	0	-	0	-	0	-	0	-	0	-
Kedah	9	577	0	-	0	-	0	-	1	2
Pulau Pinang	19	2,176	0	-	0	-	1	11	8	10
Perak	16	1,011	0	-	0	-	0	-	6	6
Selangor	49	3,602	6	15	1	8	0	-	19	60
W.P. Kuala Lumpur <sup>1</sup>	35	2,972	1	3	4	215	1	6	20	28
W.P. Putrajaya	-	-	-	-	-	-	-	-	-	-
W.P. Labuan	0	-	0	-	0	-	0	-	0	-
Negeri Sembilan	4	414	0	-	0	-	0	-	0	-
Melaka	5	844	0	-	0	-	0	-	1	-
Johor	26	1,202	0	-	6	172	0	-	12	21
Pahang	5	391	1	2	1	14	0	-	1	1
Terengganu	2	50	2	10	0	-	0	-	0	-
Kelantan	3	177	0	-	0	-	0	-	0	-
Sabah	4	169	0	-	0	-	0	-	4	2
Sarawak	10	372	0	-	5	206	0	-	1	1
<b>MALAYSIA</b>	<b>187</b>	<b>13,957</b>	<b>10</b>	<b>30</b>	<b>17</b>	<b>615</b>	<b>2</b>	<b>17</b>	<b>73</b>	<b>131</b>

**JADUAL 4.4. : TABURAN FASILITI KESIHATAN BERLESEN DI SEKTOR SWASTA MENGIKUT NEGERI, MALAYSIA SEPerti PADA 31 DISEMBER 2016 (SAMB.)**

*Table 4.4. : Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2016 (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 <sup>2</sup> Combined Facilities <sup>2</sup>		KLINIK PERUBATAN SWASTA Private Medical Clinic	KLINIK PERGIGIAN SWASTA Private Dental Clinic
	Bil./No.	Bank/Tank	Bil./No.	Kerusi Chairs	Bil./No.	Katil Beds	Bil./No.	Katil/Kerusi Bed/Chairs	Bil./No.	Bil./No.
Perlis	0	-	3	36	0	-	0	-	36	7
Kedah	0	-	37	336	0	-	0	-	351	68
Pulau Pinang	0	-	39	438	0	-	0	-	525	144
Perak	0	-	38	392	0	-	0	-	631	117
Selangor	2	10	88	886	0	-	0	-	1,937	626
W.P. Kuala Lumpur <sup>1</sup>	2	15	37	447	1	-	2	73/29	1,055	347
W.P. Putrajaya	-	-	-	-	-	-	-	-	-	-
W.P. Labuan	0	-	0	0	0	-	0	-	13	4
Negeri Sembilan	0	-	27	206	0	-	0	-	286	59
Melaka	0	-	19	194	0	-	0	-	294	43
Johor	0	-	68	872	0	-	0	-	894	211
Pahang	0	-	20	219	0	-	0	-	229	55
Terengganu	0	-	13	104	0	-	0	-	160	51
Kelantan	0	-	13	106	0	-	0	-	219	58
Sabah	0	-	11	120	0	-	0	-	370	110
Sarawak	0	-	10	173	0	-	0	-	335	92
<b>MALAYSIA</b>	<b>4</b>	<b>25</b>	<b>423</b>	<b>4,529</b>	<b>1</b>	<b>-</b>	<b>2</b>	<b>73/29</b>	<b>7,335</b>	<b>1,992</b>

Nota/Note:

<sup>1</sup> Termasuk W.P. Putrajaya  
Includes W.P. Putrajaya

<sup>2</sup> Gabungan Pusat Jagaan Ambulatori dan Hemodialisis Swasta  
Combination of 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, 2016<sup>P</sup>**

Table 4.5. : 10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia, 2016<sup>P</sup>

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN DISCAJ Number of Discharges	% KEPADA JUMLAH DISCAJ <sup>1</sup> % to Total Discharges <sup>1</sup>
1	<i>Pregnancy, childbirth and the puerperium</i>	542,678	23.07
2	<i>Diseases of the respiratory system</i>	301,196	12.80
3	<i>Certain infectious and parasitic diseases</i>	205,532	8.74
4	<i>Certain conditions originating in the perinatal period</i>	203,955	8.67
5	<i>Injury, poisoning and certain other consequences of external causes</i>	180,153	7.66
6	<i>Diseases of the circulatory system</i>	176,434	7.50
7	<i>Diseases of the digestive system</i>	107,850	4.58
8	<i>Diseases of the genitourinary system</i>	100,833	4.29
9	<i>Neoplasms</i>	98,040	4.17
10	<i>Factors influencing health status and contact with health services</i>	76,212	3.24
11	<i>Other causes</i>	359,932	15.28
	<b>ALL CAUSES</b>	<b>2,352,815</b>	<b>100.00</b>

Nota/Note:

Berdasarkan 3 Digit Code Grouping ICD-10

Based on actual 3 Digit Code Grouping ICD-10

<sup>1</sup> 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<sup>1</sup> DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2016<sup>P</sup>**

Table 4.6. : 10 Principal Causes of Death<sup>1</sup> in Ministry of Health Hospitals, Malaysia, 2016<sup>P</sup>

<b>NO. Rank</b>	<b>SEBAB UTAMA Principal Causes</b>	<b>BILANGAN KEMATIAN Number of Deaths</b>	<b>% KEPADA JUMLAH KEMATIAN<sup>2</sup> % to Total Deaths<sup>2</sup></b>
1	<i>Diseases of the circulatory system</i>	12,597	22.62
2	<i>Diseases of the respiratory system</i>	12,061	21.65
3	<i>Certain infectious and parasitic diseases</i>	7,405	13.30
4	<i>Neoplasms</i>	7,023	12.61
5	<i>Diseases of the genitourinary system</i>	2,590	4.65
6	<i>Diseases of the digestive system</i>	2,542	4.56
7	<i>External causes of morbidity and mortality</i>	2,505	4.50
8	<i>Certain conditions originating in the perinatal period</i>	1,425	2.56
9	<i>Endocrine, nutritional and metabolic diseases</i>	1,333	2.39
10	<i>Diseases of the nervous system</i>	919	1.65
11	<i>Other causes</i>	5,297	9.51
	<b>ALL CAUSES</b>	<b>55,697</b>	<b>100.00</b>

Nota/Note:

Berdasarkan 3 Digit Code Grouping ICD-10  
Based on actual 3 Digit Code Grouping ICD-10

<sup>1</sup> Berdasarkan punca kematian  
Based on underlying causes of death

<sup>2</sup> Peratus kepada jumlah kematian dikira berdasarkan diagnosis punca kematian yang mempunyai kod ICD-10  
Percentage to total deaths is derived from underlying causes of deaths with valid ICD-10 codes

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

**JADUAL 4.7. : 10 SEBAB UTAMA KEMASUKAN DI HOSPITAL SWASTA, MALAYSIA, 2016**

Table 4.7 : 10 Principal Causes of Hospitalisation in Private Hospitals, Malaysia, 2016

<b>NO. Rank</b>	<b>SEBAB UTAMA Principal Causes</b>	<b>BILANGAN DISCAJ Number of Discharges</b>	<b>% KEPADA JUMLAH DISCAJ<sup>1</sup> % to Total Discharges<sup>1</sup></b>
1	<i>Diseases of the respiratory system</i>	169,720	15.93
2	<i>Certain infectious and parasitic diseases</i>	155,178	14.57
3	<i>Pregnancy, childbirth and the puerperium</i>	105,489	9.90
4	<i>Diseases of the digestive system</i>	101,897	9.56
5	<i>Injury, poisoning and certain other consequences of external causes</i>	79,976	7.51
6	<i>Diseases of the circulatory system</i>	77,929	7.32
7	<i>Diseases of the genitourinary system</i>	73,773	6.92
8	<i>Diseases of the musculoskeletal system and connective tissue</i>	63,021	5.92
9	<i>Neoplasms</i>	45,134	4.24
10	<i>Factors influencing health status and contact with health services</i>	40,598	3.81
11	<i>Other causes</i>	152,602	14.32
	<b>ALL CAUSES</b>	<b>1,065,317</b>	<b>100.00</b>

Nota/Note:

Berdasarkan 3 Digit Code Grouping ICD-10

Based on actual 3 Digit Code Grouping ICD-10

<sup>1</sup> 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<sup>1</sup> DI HOSPITAL SWASTA, MALAYSIA, 2016**

Table 4.8. : 10 Principal Causes of Death<sup>1</sup> in Private Hospitals, Malaysia, 2016

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN KEMATIAN Number of Deaths	% KEPADA JUMLAH KEMATIAN <sup>2</sup> % to Total Deaths <sup>2</sup>
1	Neoplasms	1,136	26.71
2	Diseases of the circulatory system	1,124	26.43
3	Diseases of the respiratory system	587	13.80
4	Certain infectious and parasitic diseases	568	13.36
5	Diseases of the genitourinary system	178	4.19
6	Diseases of the digestive system	174	4.09
7	Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified	124	2.92
8	Injury, poisoning and certain other consequences of external causes	71	1.67
9	Endocrine, nutritional and metabolic diseases	53	1.25
10	Certain conditions originating in the perinatal period	40	0.94
11	Other causes	198	4.64
	<b>ALL CAUSES</b>	<b>4,253</b>	<b>100.00</b>

Nota/Note:

Berdasarkan 3 Digit Code Grouping ICD-10

Based on actual 3 Digit Code Grouping ICD-10

<sup>1</sup> Berdasarkan diagnosis punca utama kematian

Based on immediated causes of deaths

<sup>2</sup> 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, 2016<sup>p</sup>**

Table 4.9. : 10 Principal Causes of Hospitalisation in Ministry of Health and Private Hospitals, Malaysia, 2016<sup>p</sup>

<b>NO. Rank</b>	<b>SEBAB UTAMA Principal Causes</b>	<b>BILANGAN DISCAJ Number of Discharges</b>	<b>% KEPADA JUMLAH DISCAJ<sup>2</sup> % to Total Discharges<sup>2</sup></b>
1	<i>Pregnancy, childbirth and the puerperium</i>	648,167	18.96
2	<i>Diseases of the respiratory system</i>	470,916	13.78
3	<i>Certain infectious and parasitic diseases</i>	360,710	10.55
4	<i>Injury, poisoning and certain other consequences of external causes</i>	260,129	7.61
5	<i>Diseases of the circulatory system</i>	254,363	7.44
6	<i>Certain conditions originating in the perinatal period</i>	221,870	6.49
7	<i>Diseases of the digestive system</i>	209,747	6.14
8	<i>Diseases of the genitourinary system</i>	174,606	5.11
9	<i>Neoplasms</i>	143,174	4.19
10	<i>Factors influencing health status and contact with health services</i>	116,810	3.42
11	<i>Other causes</i>	557,640	16.31
	<b>ALL CAUSES</b>	<b>3,418,132</b>	<b>100.00</b>

Nota/Note:

<sup>1</sup> Berdasarkan 3 Digit Code Grouping ICD-10

Based on actual 3 Digit Code Grouping ICD-10

<sup>2</sup> 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, 2011 - 2016**

Table 4.10. : *Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2011 - 2016*

<b>PERKARA Subject</b>	<b>2012</b>	<b>2013</b>	<b>2014<sup>P</sup></b>	<b>2015<sup>P</sup></b>	<b>2016<sup>P</sup></b>
Jumlah Kematian Di Hospital KKM <sup>1</sup> <i>Total Number of Deaths in MoH Hospitals<sup>1</sup></i>	37,374	36,413	47,928	52,230	55,697
Jumlah Discaj Di Hospital KKM <sup>1</sup> <i>Total Number of Discharges in MoH Hospitals<sup>1</sup></i>	1,836,304	1,769,777	2,251,704	2,350,675	2,352,815
Kadar Kes Kematian Di Hospital KKM <i>Case Fatality Rate in MoH Hospitals (%)</i>	2.04	2.06	2.13	2.22	2.37

Nota/Note:

<sup>1</sup> Berdasarkan jumlah kematian dan discaj yang mempunyai kod ICD-10  
*Based on total death and discharges with valid 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, 2016**

Table 4.11. : Number of Admissions by Sector and State, Malaysia, 2016

NEGERI State	SEKTOR AWAM / Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH KEMASUKAN Total Admissions
	KEMENTERIAN KESIHATAN MALAYSIA <sup>1</sup> Ministry of Health <sup>1</sup>		BUKAN KKM Non-MoH		
	HOSPITAL	INSTITUSI PERUBATAN KHAS Special Medical Institutions			
Perlis	37,136	-	-	-	37,136
Kedah	195,350	-	-	49,163	244,513
Pulau Pinang	133,095	-	-	157,500	290,595
Perak	242,998	2,413	2,973	89,872	338,256
Selangor	334,042	27	3,585	304,003	641,657
W.P. Kuala Lumpur	130,383	4,152	100,337	164,673	399,545
W.P. Putrajaya	30,254	7,781	-	-	38,035
W.P. Labuan	8,033	-	-	-	8,033
Negeri Sembilan	121,617	-	198	51,177	172,992
Melaka	91,289	-	3,764	58,093	153,146
Johor	323,163	1,207	-	99,604	423,974
Pahang	155,581	-	-	24,050	179,631
Terengganu	142,460	-	-	3,801	146,261
Kelantan	144,959	-	48,806	16,140	209,905
Sabah	213,989	45,206	36	16,376	275,607
Sarawak	206,089	656	-	38,587	245,332
<b>MALAYSIA</b>	<b>2,510,438</b>	<b>61,442</b>	<b>159,699</b>	<b>1,073,039</b>	<b>3,804,618</b>

Nota/Note:

<sup>1</sup> Berdasarkan 98.58% kadar respon / Based on 98.58% response rate

<sup>2</sup> Berdasarkan 93.04% kadar respon. Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta.

Based on 93.04% 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, 2016**

Table 4.12. : Number of Outpatient Attendances by Sector and State, Malaysia, 2016

NEGERI State	SEKTOR AWAM / Public Sector				SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH PESAKIT LUAR Total Outpatient Attendances
	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health			BUKAN KKM Non-Moh		
	HOSPITAL	INSTITUSI PERUBATAN KHAS Special Medical Institutions	FASILITI KESIHATAN AWAM <sup>1</sup> Public Health Facilities <sup>1</sup>			
Perlis	224,825	-	683,659	-	-	908,484
Kedah	1,575,198	-	2,446,900	-	75,430	4,097,528
Pulau Pinang	1,631,735	-	2,438,420	-	208,691	4,278,846
Perak	2,402,952	20,377	4,407,453	56,532	360,233	7,247,547
Selangor	2,869,226	-	5,522,895	48,902	1,561,420	10,002,443
W.P. Kuala Lumpur	1,186,135	35,373	1,820,758 <sup>3</sup>	1,737,972	473,999	5,254,237
W.P. Putrajaya	289,219	33,249	-	-	-	322,468
W.P. Labuan	67,486	-	123,329	-	-	190,815
Negeri Sembilan	739,434	-	2,430,112	17,300	99,459	3,286,305
Melaka	648,366	-	1,801,516	53,158	163,842	2,666,882
Johor	2,130,985	47,604	5,107,767	-	190,881	7,477,237
Pahang	1,089,465	-	2,547,931	-	53,105	3,690,501
Terengganu	779,477	-	1,654,686	-	30,091	2,464,254
Kelantan	830,760	-	2,760,709	360,769	86,081	4,038,319
Sabah	2,461,973	171,749	2,607,242	5,687	156,244	5,402,895
Sarawak	1,794,320	18,313	3,800,631	-	362,222	5,975,486
<b>MALAYSIA</b>	<b>20,721,556</b>	<b>326,665</b>	<b>40,154,008</b>	<b>2,280,320</b>	<b>3,821,698</b>	<b>67,304,247</b>

Nota/Note:

<sup>1</sup> Berdasarkan 99.28% kadar respon / Based on 99.28% response rate

<sup>2</sup> Berdasarkan 93.04% kadar respon. Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta. Based on 93.04% response rate. Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice.

<sup>3</sup> Termasuk W.P. Putrajaya / Includes W.P. Putrajaya

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, 2016**

Table 4.13. : Number of Day Care Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2016

NEGERI State	KEDATANGAN PERKHIDMATAN RAWATAN HARIAN <sup>1</sup> Day Care Services Attendances <sup>1</sup>
Perlis	13,175
Kedah	120,286
Pulau Pinang	52,641
Perak	131,034
Selangor	142,113
W.P. Kuala Lumpur	5,650
W.P. Putrajaya	9,418
W.P. Labuan	12,451
Negeri Sembilan	65,134
Melaka	35,741
Johor	135,272
Pahang	108,574
Terengganu	87,970
Kelantan	120,406
Sabah	181,595
Sarawak	174,476
Institusi Perubatan Khas	24,238
<b>MALAYSIA</b>	<b>1,420,174</b>

Nota / Note :

<sup>1</sup> Berdasarkan 88.67% kadar respon / Based on 88.67% 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, 2016**

Table 4.14. : Number of Clinical Support Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2016

NEGERI State	REHABILITASI PERUBATAN (PENDENGARAN) <sup>1</sup> Medical Rehabilitation (Hearing) <sup>1</sup>	REHABILITASI PERUBATAN (PERTUTURAN) <sup>2</sup> Medical Rehabilitation (Speech) <sup>2</sup>	PERKHIDMATAN KERJA SOSIAL PERUBATAN <sup>3</sup> Medical Social Services <sup>3</sup>	PERKHIDMATAN DIETETIK <sup>4</sup> Dietetic Services <sup>4</sup>	PERKHIDMATAN PEMULIHAN PERUBATAN (CARAKERJA) <sup>5</sup> Medical Rehabilitation (Occupational Therapy) <sup>5</sup>	PERKHIDMATAN PEMULIHAN PERUBATAN (FISIOTERAPI) <sup>6</sup> Medical Rehabilitation (Physiotherapy) <sup>6</sup>
Perlis	3,635	1,105	1,000	661	1,834	15,347
Kedah	14,282	5,335	5,327	19,914	50,957	115,842
Pulau Pinang	9,165	3,757	5,407	7,253	47,472	57,400
Perak	12,043	7,811	4,803	27,288	29,921	160,698
Selangor	8,196	9,019	15,326	39,258	53,436	60,442
W.P. Kuala Lumpur	6,554	4,351	5,746	20,027	32,651	173,377
W.P. Putrajaya	2,253	1,434	2,135	13,346	10,379	15,078
W.P. Labuan	-	-	-	1,052	1,715	11,441
Negeri Sembilan	7,314	3,459	3,471	14,946	32,499	59,474
Melaka	3,044	2,426	2,561	13,293	27,223	62,841
Johor	14,438	8,556	9,425	23,188	49,663	212,996
Pahang	6,888	2,668	6,992	17,084	35,731	72,667
Terengganu	6,076	1,976	3,187	19,282	23,655	71,895
Kelantan	726	1,388	3,532	9,364	11,637	29,024
Sabah	9,639	2,486	11,765	23,646	83,773	200,380
Sarawak	14,767	7,251	17,701	21,136	36,508	116,419
<b>MALAYSIA</b>	<b>119,020</b>	<b>63,022</b>	<b>98,378</b>	<b>270,738</b>	<b>529,054</b>	<b>1,435,321</b>

Nota/Note:

<sup>1</sup> Berdasarkan 95.00% kadar respon / Based on 95.00% response rate

<sup>2</sup> Berdasarkan 95.50% kadar respon / Based on 95.50% response rate

<sup>3</sup> Berdasarkan 91.78% kadar respon / Based on 91.78% response rate

<sup>4</sup> Berdasarkan 93.69% kadar respon / Based on 93.69% response rate

<sup>5</sup> Berdasarkan 85.14% kadar respon / Based on 85.15% response rate

<sup>6</sup> Berdasarkan 91.81% kadar respon / Based on 91.81% response 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, 2016**

Table 4.15. : Number of Ante-natal and Child Health Services Attendances by State, Malaysia, 2016

<b>NEGERI</b> <i>State</i>	<b>KEDATANGAN ANTE-NATAL</b> <i>Ante-natal Attendances</i>	<b>KEDATANGAN POST-NATAL</b> <i>Post-natal Attendances</i>	<b>KEDATANGAN KANAK-KANAK</b> <i>Child Attendances</i>
Perlis	43,926	4,298	69,076
Kedah	437,508	35,826	682,170
Pulau Pinang	298,003	26,251	399,049
Perak	428,919	41,422	622,494
Selangor	1,118,393	92,579	1,883,732
W.P. Kuala Lumpur	287,349	15,794	291,796
W.P. Putrajaya	38,516	1,990	44,486
W.P. Labuan	24,740	1,759	29,666
Negeri Sembilan	253,177	21,121	295,447
Melaka	190,851	14,754	214,710
Johor	744,223	65,974	944,198
Pahang	360,123	37,328	543,088
Terengganu	473,560	26,471	638,044
Kelantan	424,155	51,675	637,327
Sabah	489,005	53,351	768,904
Sarawak	391,158	40,426	719,632
<b>MALAYSIA</b>	<b>6,003,606</b>	<b>531,019</b>	<b>8,783,819</b>

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, 2016**

*Table 4.16. : School Coverage by Health Services by State, Malaysia, 2016*

NEGERI <i>State</i>	SEKOLAH RENDAH <i>Primary School</i>			SEKOLAH MENENGAH <i>Secondary School</i>		
	BILANGAN SEKOLAH <i>No. of Schools</i>	BIL. SEKOLAH YANG DILIPUTI <i>No. of Schools Covered</i>	% DILIPUTI <i>% Covered</i>	BILANGAN SEKOLAH <i>No. of Schools</i>	BIL. SEKOLAH YANG DILIPUTI <i>No. of Schools Covered</i>	% DILIPUTI <i>% Covered</i>
Perlis	79	79	100.00	33	33	100.00
Kedah	578	578	100.00	231	231	100.00
Pulau Pinang	285	285	100.00	136	136	100.00
Perak	892	889	99.66	280	280	100.00
Selangor	799	799	100.00	357	357	100.00
W.P. Kuala Lumpur	209	207	99.04	102	102	100.00
W.P. Putrajaya	15	15	100.00	12	12	100.00
W.P. Labuan	18	18	100.00	11	11	100.00
Negeri Sembilan	363	363	100.00	132	132	100.00
Melaka	259	259	100.00	84	84	100.00
Johor	911	941	103.29	322	311	96.58
Pahang	557	556	99.82	230	230	100.00
Terengganu	372	372	100.00	153	153	100.00
Kelantan	452	452	100.00	246	246	100.00
Sabah	1,102	1,077	97.73	238	237	99.58
Sarawak	2,480	2,480	100.00	189	189	100.00
<b>MALAYSIA</b>	<b>9,371</b>	<b>9,370</b>	<b>99.99</b>	<b>2,756</b>	<b>2,744</b>	<b>99.56</b>

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, 2016**

*Table 4.17. : Number of Dental Health Services Attendances by State, Malaysia, 2016*

<b>NEGERI</b> <i>State</i>	<b>KEDATANGAN KESIHATAN PERGIGIAN</b> <i>Dental Health Attendances</i>
Perlis	141,626
Kedah	873,906
Pulau Pinang	674,001
Perak	1,151,269
Selangor	1,656,906
W.P. Kuala Lumpur	602,351
W.P. Putrajaya	97,917
W.P. Labuan	46,407
Negeri Sembilan	593,706
Melaka	478,867
Johor	1,394,061
Pahang	813,367
Terengganu	731,773
Kelantan	957,311
Sabah	1,054,615
Sarawak	964,880
<b>MALAYSIA</b>	<b>12,232,963</b>

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 2016**Table 4.18. : *Index of Health Legislation in Malaysia, Up to 2016*

<b>Bil. No.</b>	<b>NAMA AKTA Name of Act</b>
1.	Akta Jururawat 1950 (Disemak 1969) (Akta 14) <i>Nurses Act 1950 (Revised - 1969) (Act 14)</i>
2.	Akta Perubatan 1971 (Akta 50) <i>Medical Act 1971 (Act 50)</i>
3.	Akta Pergigian 1971 (Akta 51) <i>Dental Act 1971 (Act 51)</i>
4.	Akta Tisu Manusia 1974 (Akta 130) <i>Human Tissues Act 1974 (Act 130)</i>
5.	Akta Permusnahan Serangga Pembawa Penyakit 1975 (Akta 154) <i>Destruction of Disease-Bearing Insects Act 1975 (Act 154)</i>
6.	Akta Pembantu Perubatan (Pendaftaran) 1977 (Akta 180) <i>Medical Assistants (Registration) Act 1977 (Act 180)</i>
7.	Akta Dadah Berbahaya 1952 (Disemak – 1980) (Akta 234) <i>Dangerous Drugs Act 1952 (Revised - 1980) (Act 234)</i>
8.	Akta Hidrogen Sainaid (Fumigasi) 1953 (Disemak – 1981) (Akta 260) <i>Hydrogen Cyanide (Fumigation) Act 1953 (Revised – 1981) (Act 260)</i>
9.	Akta Makanan 1983 (Akta 281) <i>Food Act 1983 (Act 281)</i>



**JADUAL 4.18. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2016 (SAMB.)**Table 4.18. : *Index of Health Legislation in Malaysia, Up to 2016 (Cont'd)*

<b>Bil. No.</b>	<b>NAMA AKTA Name of Act</b>
10.	Akta Ubat (Iklan Dan Penjualan) 1956 (Disemak 1983) (Akta 290) <i>Medicines (Advertisement And Sale) Act 1956 (Revised - 1983) (Act 290)</i>
11.	Akta Lesen Tenaga Atom 1984 (Akta 304) <i>Atomic Energy Licensing Act 1984 (Act 304)</i>
12.	Akta Pencegahan Dan Kawalan Penyakit Berjangkit 1988 (Akta 342) <i>Prevention And Control of Infectious Diseases Act 1988 (Act 342)</i>
13.	Akta Racun 1952 (Disemak – 1989) (Akta 366) <i>Poisons Act 1952 (Revised - 1989) (Act 366)</i>
14.	Akta Jualan Dadah 1952 (Disemak – 1989) (Akta 368) <i>Sale of Drugs Act 1952 (Revised - 1989) (Act 368)</i>
15.	Akta Pendaftaran Ahli Farmasi 1951 (Disemak – 1989) (Akta 371) <i>Registration of Pharmacists Act 1951 (Revised - 1989) (Act 371)</i>
16.	Akta Pembantu Hospital Estet (Pendaftaran) 1965 (Disemak 1990) (Akta 435) <i>Estate Hospital Assistants (Registration) Act 1965 (Revised - 1990) (Act 435)</i>
17.	Akta Bidan 1966 (Disemak – 1990) (Akta 436) <i>Midwives Act 1966 (Revised - 1990) (Act 436)</i>
18.	Akta Optik 1991 (Akta 469) <i>Optical Act 1991 (Act 469)</i>
19.	Akta Teleperubatan 1997 (Akta 564) <i>Telemedicine Act 1997 (Act 564)</i>

**JADUAL 4.18. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2016 (SAMB.)***Table 4.18. : Index of Health Legislation in Malaysia, Up to 2016 (Cont'd)*

<b>Bil. No.</b>	<b>NAMA AKTA Name of Act</b>
20.	Akta Kemudahan Dan Perkhidmatan Jagaan Kesihatan Swasta 1998 (Akta 586) <i>Private Healthcare Facilities And Services Act 1998 (Act 586)</i>
21.	Akta Kesihatan Mental 2001 (Akta 615) <i>Mental Health Act 2001 (Act 615)</i>
22.	Akta Lembaga Promosi Kesihatan Malaysia 2006 (Akta 651) <i>Malaysian Health Promotion Board Act 2006 (Act 651)</i>
23.	Akta Makmal Patologi 2007 (Akta 674) <i>Pathology Laboratory Act 2007 (Act 674)</i>
24.	Akta Juruanalisis Makanan 2011 (Akta 727) <i>Food Analyst Act 2011 [Act 727]</i>
25.	Akta Peranti Perubatan 2012 (Akta 737) <i>Medical Device Act 2012 [Act 737]</i>
26.	Akta Pihak Berkuasa Peranti Perubatan 2012 (Akta 738) <i>Medical Device Authority Act 2012 [Act 738]</i>
27.	Akta Profesion Kesihatan Bersekutu 2016 (Akta 774) <i>Allied Health Professions Act 2016 [Act 774]</i>
28.	Akta Perubatan Tradisional Dan Komplementari 2016 (Akta 775) <i>Traditional and Complementary Medicine Act 2016 [Act 775]</i>

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 2016**

Table 4.19. : Number of Doctors by State, Sector and Ratio of Doctor to Population, Malaysia as at 31 December 2016

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH DOKTOR KEPADA PENDUDUK Doctor to Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	483	n.a.	483	44	527	1: 476
Kedah	2,166		2,166	593	2,759	1: 769
Pulau Pinang	1,939		1,939	1,167	3,106	1: 554
Perak	2,544		2,544	1,060	3,604	1: 689
Selangor	5,646		5,646	3,837	9,483	1: 664
W.P. Kuala Lumpur	2,870		2,870	2,465	5,335	1: 335
W.P. Putrajaya	4,449		4,449	29	4,478	1: 19
W.P. Labuan	57		57	24	81	1: 1,207
Negeri Sembilan	1,619		1,619	489	2,108	1: 522
Melaka	1,175		1,175	532	1,707	1: 528
Johor	2,887		2,887	1,496	4,383	1: 834
Pahang	1,691		1,691	354	2,045	1: 796
Terengganu	1,399		1,399	258	1,657	1: 714
Kelantan	1,732		1,732	290	2,022	1: 889
Sabah	2,685		2,685	527	3,212	1: 1,187
Sarawak	3,061		3,061	519	3,580	1: 766
<b>MALAYSIA</b>	<b>36,403</b>	<b>n.a</b>	<b>36,403</b>	<b>13,684</b>	<b>50,087</b>	<b>1: 632</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

<sup>2</sup> Data dari Majlis Perubatan Malaysia / Data from Malaysian Medical Council

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.20. : BILANGAN DOKTOR GIGI<sup>1</sup> MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR GIGI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.20. : Number of Dentists<sup>1</sup> by State, Sector and Ratio of Dentist to Population, Malaysia as at 31 December 2016

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH DOKTOR GIGI KEPADA PENDUDUK Dentist to Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total			
Perlis	89	0	89	10	99	1: 2,535
Kedah	290	2	292	78	370	1: 5,732
Pulau Pinang	260	16	276	200	476	1: 3,612
Perak	316	2	318	152	470	1: 5,283
Selangor	373	96	469	792	1,261	1: 4,995
W.P. Kuala Lumpur	203	294	497	547	1,044	1: 1,712
W.P. Putrajaya	75	0	75	5	80	1: 1,041
W.P. Labuan	17	0	17	7	24	1: 4,075
Negeri Sembilan	201	8	209	73	282	1: 3,900
Melaka	166	7	173	73	246	1: 3,665
Johor	374	10	384	289	673	1: 5,431
Pahang	373	46	419	65	484	1: 3,364
Terengganu	299	4	303	50	353	1: 3,354
Kelantan	323	80	403	52	455	1: 3,950
Sabah	288	20	308	106	414	1: 9,211
Sarawak	351	8	359	96	455	1: 6,024
<b>MALAYSIA</b>	<b>3,998</b>	<b>593</b>	<b>4,591</b>	<b>2,595</b>	<b>7,186</b>	<b>1: 4,406</b>

Nota/Note:

<sup>1</sup> Data dari Majlis Pergigian Malaysia / Data from Malaysian Dental Council

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.21. : BILANGAN PEGAWAI FARMASI<sup>1</sup> MENGIKUT NEGERI, SEKTOR DAN NISBAH PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.21. : Number of Pharmacists<sup>1</sup> by State, Sector and Ratio of Pharmacist to Population, Malaysia as at 31 December 2016

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH PEGAWAI FARMASI KEPADA PENDUDUK Pharmacist to Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total			
Perlis	89	0	89	15	104	1: 2,413
Kedah	368	1	369	179	548	1: 3,870
Pulau Pinang	447	32	479	375	854	1: 2,013
Perak	619	1	620	258	878	1: 2,828
Selangor	1255	23	1,278	1,316	2,594	1: 2,428
W.P. Kuala Lumpur	395	88	483	611	1,094	1: 1,634
W.P. Putrajaya	138	0	138	6	144	1: 578
W.P. Labuan	28	0	28	7	35	1: 2,794
Negeri Sembilan	273	0	273	114	387	1: 2,842
Melaka	199	1	200	100	300	1: 3,006
Johor	631	2	633	356	989	1: 3,696
Pahang	366	12	378	73	451	1: 3,610
Terengganu	234	3	237	39	276	1: 4,289
Kelantan	298	31	329	80	409	1: 4,394
Sabah	457	2	459	193	652	1: 5,848
Sarawak	506	0	506	287	793	1: 3,456
<b>MALAYSIA</b>	<b>6,303</b>	<b>196</b>	<b>6,499</b>	<b>4,009</b>	<b>10,508</b>	<b>1: 3,013</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Perkhidmatan Farmasi, KKM  
Data from Pharmaceutical Services Division, MoH

Punca : Pusat Informatik Kesihatan, KKM  
Source : Health Informatics Centre, MoH

**JADUAL 4.22. : BILANGAN JURUOPTIK<sup>1</sup> BERDAFTAR DI SEKTOR SWASTA DAN NISBAH JURUOPTIK KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

*Table 4.22. : Number of Registered Opticians<sup>1</sup> in Private Sector and Ratio of Optician to Population by State Malaysia as at 31 December 2016*

<b>NEGERI</b> <i>State</i>	<b>SEKTOR SWASTA</b> <i>Private Sector</i>	<b>NISBAH JURUOPTIK KEPADA PENDUDUK</b> <i>Optician to Population Ratio</i>
Perlis	14	1: 17,929
Kedah	134	1: 15,826
Pulau Pinang	224	1: 7,675
Perak	334	1: 7,434
Selangor	854	1: 7,375
W.P. Kuala Lumpur	471	1: 3,794
W.P. Putrajaya	1	1: 83,300
W.P. Labuan	3	1: 32,600
Negeri Sembilan	131	1: 8,395
Melaka	124	1: 7,272
Johor	424	1: 8,621
Pahang	123	1: 13,237
Terengganu	33	1: 35,876
Kelantan	50	1: 35,944
Sabah	154	1: 24,761
Sarawak	185	1: 14,816
<b>MALAYSIA</b>	<b>3,259</b>	<b>1: 9,715</b>

Nota/Note:

<sup>1</sup> Data dari Majlis Optik Malaysia / Data from Malaysian Optical Council

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.23. : BILANGAN OPTOMETRIS<sup>1</sup> BERDAFTAR MENGIKUT NEGERI, SEKTOR DAN NISBAH OPTOMETRIS KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.23. : Number of Registered Optometrists<sup>1</sup> by State, Sector and Ratio of Optometrist to Population, Malaysia as at 31 December 2016

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			
Perlis	4	0	4	6	10	1: 25,100
Kedah	19	0	19	80	99	1: 21,421
Pulau Pinang	13	0	13	113	126	1: 13,645
Perak	25	0	25	103	128	1: 19,398
Selangor	49	14	63	456	519	1: 12,136
W.P. Kuala Lumpur	22	21	43	152	195	1: 9,165
W.P. Putrajaya	14	0	14	3	17	1: 4,900
W.P. Labuan	2	0	2	2	4	1: 24,450
Negeri Sembilan	13	0	13	63	76	1: 14,470
Melaka	8	0	8	56	64	1: 14,089
Johor	30	0	30	120	150	1: 24,367
Pahang	17	19	36	44	80	1: 20,351
Terengganu	16	0	16	76	92	1: 12,868
Kelantan	16	4	20	81	101	1: 17,794
Sabah	19	0	19	43	62	1: 61,503
Sarawak	20	0	20	58	78	1: 35,141
<b>MALAYSIA</b>	<b>287</b>	<b>58</b>	<b>345</b>	<b>1,456</b>	<b>1,801</b>	<b>1: 17,580</b>

Nota/Note:

<sup>1</sup> Data dari Majlis Optik Malaysia / Data from Malaysian Optical Council

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.24. : BILANGAN JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.24. : Number of Nurses by State, Sector and Ratio of Nurse to Population, Malaysia as at 31 December 2016

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH JURURAWAT KEPADA PENDUDUK Nurse to Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	877	46	923	18	941	1: 267
Kedah	4,595	18	4,613	1,042	5,655	1: 375
Pulau Pinang	3,496	46	3,542	3,911	7,453	1: 231
Perak	5,784	88	5,872	1,799	7,671	1: 324
Selangor	8,400	339	8,739	8,043	16,782	1: 375
W.P. Kuala Lumpur	4,749	4,303	9,052	6,071	15,123	1: 118
W.P. Putrajaya	2,872	3	2,875	41	2,916	1: 29
W.P. Labuan	231	0	231	12	243	1: 402
Negeri Sembilan	2,559	26	2,585	1,080	3,665	1: 300
Melaka	2,098	154	2,252	1,528	3,780	1: 239
Johor	6,647	41	6,688	3,236	9,924	1: 368
Pahang	3,984	31	4,015	844	4,859	1: 335
Terengganu	2,802	53	2,855	300	3,155	1: 375
Kelantan	3,455	1,406	4,861	424	5,285	1: 340
Sabah	7,089	128	7,217	945	8,162	1: 467
Sarawak	5,589	116	5,705	1,245	6,950	1: 394
<b>MALAYSIA</b>	<b>65,227</b>	<b>6,798</b>	<b>72,025</b>	<b>30,539</b>	<b>102,564</b>	<b>1: 309</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

<sup>2</sup> Data dari Lembaga Jururawat Malaysia / Data from Malaysia Nursing Board

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH



**JADUAL 4.25. : BILANGAN JURURAWAT MASYARAKAT MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.25. : Number of Community Nurses by State, Sector and Ratio to Population, Malaysia as at 31 December 2016

NEGERI State	SEKTOR AWAM / Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH JURURAWAT MASYARAKAT KEPADA PENDUDUK Community Nurse to Population Ratio
	KEMENTERIAN KESIHATAN <sup>1</sup> Ministry of Health <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	341	4	345	1	346	1: 725
Kedah	1,683	8	1,691	11	1,702	1: 1,246
Pulau Pinang	1,006	6	1,012	55	1,067	1: 1,611
Perak	2,109	24	2,133	2	2,135	1: 1,163
Selangor	2,645	11	2,656	43	2,699	1: 2,334
W.P. Kuala Lumpur	663	58	721	17	738	1: 2,422
W.P. Putrajaya	576	0	576	0	576	1: 145
W.P. Labuan	109	0	109	0	109	1: 897
Negeri Sembilan	902	14	916	6	922	1: 1,193
Melaka	723	19	742	7	749	1: 1,204
Johor	2,025	3	2,028	85	2,113	1: 1,730
Pahang	1,782	18	1,800	10	1,810	1: 900
Terengganu	1,405	2	1,407	6	1,413	1: 838
Kelantan	1,675	12	1,687	136	1,823	1: 986
Sabah	3,847	27	3,874	37	3,911	1: 975
Sarawak	3,019	8	3,027	0	3,027	1: 906
<b>MALAYSIA</b>	<b>24,510</b>	<b>214</b>	<b>24,724</b>	<b>416</b>	<b>25,140</b>	<b>1: 1,259</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

<sup>2</sup> Data dari Lembaga Jururawat Malaysia / Data from Malaysia Nursing Board

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.26. : BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.26 : Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia as at 31 December 2016

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK Assistant Medical Officer to Population Ratio
	KK M <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	204	27	231	24	255	1: 984
Kedah	813	42	855	110	965	1: 2,198
Pulau Pinang	672	24	696	49	745	1: 2,308
Perak	1,255	46	1,301	78	1,379	1: 1,801
Selangor	1,349	162	1,511	292	1,803	1: 3,493
W.P. Kuala Lumpur	651	82	733	426	1,159	1: 1,542
W.P. Putrajaya	249	16	265	13	278	1: 300
W.P. Labuan	59	14	73	14	87	1: 1,124
Negeri Sembilan	599	44	643	78	721	1: 1,525
Melaka	464	28	492	47	539	1: 1,673
Johor	1,244	56	1,300	106	1,406	1: 2,600
Pahang	889	72	961	112	1,073	1: 1,517
Terengganu	597	64	661	87	748	1: 1,583
Kelantan	716	57	773	156	929	1: 1,935
Sabah	1,492	84	1,576	94	1,670	1: 2,283
Sarawak	1,559	78	1,637	208	1,845	1: 1,486
<b>MALAYSIA</b>	<b>12,812</b>	<b>896</b>	<b>13,708</b>	<b>1,894</b>	<b>15,602</b>	<b>1: 2,029</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

<sup>2</sup> Data dari Lembaga Pembantu Perubatan / Data from Medical Assistant Board

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.27. : BILANGAN PENOLONG PEGAWAI FARMASI MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

*Table 4.27. : Number of Pharmacy Assistants by State, Sector and Ratio of Pharmacy Assistants to Population, Malaysia as at 31 December 2016*

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK Pharmacy Assistant to Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	43	0	43	0	43	1: 5,837
Kedah	240	5	245	54	299	1: 7,093
Pulau Pinang	181	25	206	153	359	1: 4,789
Perak	364	7	371	129	500	1: 4,966
Selangor	487	39	526	364	890	1: 7,077
W.P. Kuala Lumpur	218	179	397	223	620	1: 2,883
W.P. Putrajaya	88	0	88	0	88	1: 947
W.P. Labuan	15	0	15	0	15	1: 6,520
Negeri Sembilan	166	3	169	53	222	1: 4,954
Melaka	135	5	140	50	190	1: 4,746
Johor	425	4	429	115	544	1: 6,719
Pahang	275	3	278	31	309	1: 5,269
Terengganu	199	3	202	0	202	1: 5,861
Kelantan	254	66	320	20	340	1: 5,286
Sabah	531	1	532	10	542	1: 7,035
Sarawak	480	2	482	27	509	1: 5,385
<b>MALAYSIA</b>	<b>4,101</b>	<b>342</b>	<b>4,443</b>	<b>1,229</b>	<b>5,672</b>	<b>1: 5,582</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

<sup>2</sup> Data dari Bahagian Perkhidmatan Farmasi, KKM / Data from Pharmaceutical Services Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.28. : BILANGAN JURURAWAT PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURURAWAT PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

*Table 4.28. : Number of Dental Nurses in Public Sector by State and Ratio of Dental Nurse to Population Malaysia as at 31 December 2016*

NEGERI State	SEKTOR AWAM Public Sector			NISBAH JURURAWAT PERGIGIAN KEPADA PENDUDUK BERUMUR ≤ 18 TAHUN Dental Nurse to Population Age ≤ 18 Year Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total	
Perlis	58	<i>n.a.</i>	58	1: 1,355
Kedah	176		176	1: 4,044
Pulau Pinang	190		190	1: 2,365
Perak	223		223	1: 3,399
Selangor	234		234	1: 7,918
W.P. Kuala Lumpur	133		133	1: 3,484
W.P. Putrajaya	46		46	1: 785
W.P. Labuan	15		15	1: 2,313
Negeri Sembilan	125		125	1: 2,765
Melaka	97		97	1: 2,812
Johor	178		178	1: 6,437
Pahang	192		192	1: 2,871
Terengganu	153		153	1: 3,002
Kelantan	197		197	1: 3,593
Sabah	360		360	1: 3,563
Sarawak	408		408	1: 2,162
<b>MALAYSIA</b>	<b>2,785</b>	<b>60</b>	<b>2,845</b>	<b>1: 3,526</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

<sup>2</sup> Data dari Bahagian Kesihatan Pergigian, KKM / Data From Oral Health Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.29. : BILANGAN JURUTEKNOLOGI PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH JURUTEKNIK PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.29. : Number of Dental Technologists by State, Sector and Ratio of Dental Technologist to Population, Malaysia as at 31 December 2016

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH JURUTEKNOLOGI PERGIGIAN KEPADA PENDUDUK Dental Technologists to Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	22	n.a.	22	n.a.	22	1: 11,409
Kedah	66		66		66	1: 32,132
Pulau Pinang	47		47		47	1: 36,581
Perak	73		73		73	1: 34,014
Selangor	92		92		92	1: 68,461
W.P. Kuala Lumpur	43		43		43	1: 41,563
W.P. Putrajaya	20		20		20	1: 4,165
W.P. Labuan	3		3		3	1: 32,600
Negeri Sembilan	52		52		52	1: 21,148
Melaka	33		33		33	1: 27,324
Johor	61		61		61	1: 59,920
Pahang	61		61		61	1: 26,690
Terengganu	69		69		69	1: 17,158
Kelantan	73		73		73	1: 24,619
Sabah	98		98		98	1: 38,910
Sarawak	110		110		110	1: 24,918
<b>MALAYSIA</b>	<b>923</b>	<b>119</b>	<b>1,042</b>	<b>813</b>	<b>1,855</b>	<b>1: 17,068</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

<sup>2</sup> Data dari Bahagian Kesihatan Pergigian, KKM / Data From Oral Health Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.30. : BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.30. : Number of Dental Surgery Assistants by State, Sector and Ratio of Dental Surgery Assistant to Population, Malaysia as at 31 December 2016

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK Dental Surgery Assistant to Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	90	n.a.	90	n.a.	90	1: 2,789
Kedah	233		233		233	1: 9,102
Pulau Pinang	243		243		243	1: 7,075
Perak	323		323		323	1: 7,687
Selangor	363		363		363	1: 17,351
W.P. Kuala Lumpur	242		242		242	1: 7,385
W.P. Putrajaya	48		48		48	1: 1,735
W.P. Labuan	14		14		14	1: 6,986
Negeri Sembilan	208		208		208	1: 5,287
Melaka	169		169		169	1: 5,336
Johor	321		321		321	1: 11,387
Pahang	304		304		304	1: 5,356
Terengganu	257		257		257	1: 4,607
Kelantan	238		238		238	1: 7,551
Sabah	334		334		334	1: 11,417
Sarawak	396		396		396	1: 6,922
<b>MALAYSIA</b>	<b>3,783</b>	<b>341</b>	<b>4,124</b>	<b>53</b>	<b>4,177</b>	<b>1: 7,580</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

<sup>2</sup> Data dari Bahagian Kesihatan Pergigian, KKM / Data From Oral Health Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.31. : BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN<sup>1</sup> DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPerti PADA 31 DISEMBER 2016**

*Table 4.31. : Number of Assistant Environmental Health Officers<sup>1</sup> and Ratio of Assistant Environmental Health Officer to Population by State, Malaysia as at 31 December 2016*

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health	NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK Assistant Environmental Health Officer to Population Ratio
Perlis	76	1: 3,303
Kedah	312	1: 6,797
Pulau Pinang	224	1: 7,675
Perak	313	1: 7,933
Selangor	441	1: 14,282
W.P. Kuala Lumpur	104	1: 17,185
W.P. Putrajaya	125	1: 666
W.P. Labuan	30	1: 3,260
Negeri Sembilan	199	1: 5,526
Melaka	121	1: 7,452
Johor	356	1: 10,267
Pahang	331	1: 4,919
Terengganu	248	1: 4,774
Kelantan	312	1: 5,760
Sabah	692	1: 5,510
Sarawak	732	1: 3,745
<b>MALAYSIA</b>	<b>4,616</b>	<b>1: 6,859</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.32. : BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN<sup>1</sup> DAN NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

*Table 4.32. : Number of Medical Laboratory Technologists<sup>1</sup> and Ratio of Medical Laboratory Technologist to Population by State, Malaysia as at 31 December 2016*

<b>NEGERI</b> <i>State</i>	<b>KEMENTERIAN KESIHATAN MALAYSIA</b> <i>Ministry of Health</i>	<b>NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK</b> <i>Medical Laboratory Technologist to Population Ratio</i>
Perlis	76	1: 3,303
Kedah	355	1: 5,974
Pulau Pinang	278	1: 6,185
Perak	522	1: 4,757
Selangor	649	1: 9,705
W.P. Kuala Lumpur	659	1: 2,712
W.P. Putrajaya	146	1: 571
W.P. Labuan	27	1: 3,622
Negeri Sembilan	261	1: 4,213
Melaka	205	1: 4,399
Johor	554	1: 6,598
Pahang	368	1: 4,424
Terengganu	265	1: 4,468
Kelantan	396	1: 4,538
Sabah	756	1: 5,044
Sarawak	812	1: 3,376
<b>MALAYSIA</b>	<b>6,329</b>	<b>1: 5,002</b>

*Nota/Note:*

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / *Data from Human Resources Division, MoH*

Punca : Pusat Informatik Kesihatan, KKM

Source : *Health Informatics Centre, MoH*



**JADUAL 4.33. : BILANGAN JURU X-RAY (DIAGNOSTIK & TERAPI)<sup>1</sup> DAN NISBAH JURU X-RAY KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.33. : *Number of Radiographers (Diagnostic & Therapy)<sup>1</sup> and Ratio of Radiographer to Population by State, Malaysia as at 31 December 2016*

<b>NEGERI</b> <i>State</i>	<b>KEMENTERIAN KESIHATAN MALAYSIA</b> <i>Ministry of Health</i>	<b>NISBAH JURU X-RAY KEPADA PENDUDUK</b> <i>Radiographer to Population Ratio</i>
Perlis	36	1: 6,972
Kedah	167	1: 12,699
Pulau Pinang	163	1: 10,548
Perak	211	1: 11,768
Selangor	332	1: 18,971
W.P. Kuala Lumpur	214	1: 8,351
W.P. Putrajaya	127	1: 656
W.P. Labuan	11	1: 8,891
Negeri Sembilan	123	1: 8,941
Melaka	78	1: 11,560
Johor	338	1: 10,814
Pahang	166	1: 9,808
Terengganu	114	1: 10,385
Kelantan	142	1: 12,656
Sabah	291	1: 13,104
Sarawak	313	1: 8,757
<b>MALAYSIA</b>	<b>2,826</b>	<b>1: 11,203</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.34. : BILANGAN JURUPULIH PERUBATAN FISIOTERAPI<sup>1</sup> DAN NISBAH JURUPULIH PERUBATAN FISIOTERAPI KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

*Table 4.34. : Number of Physiotherapists<sup>1</sup> and Ratio of Physiotherapist to Population by State, Malaysia as at 31 December 2016*

<b>NEGERI</b> <i>State</i>	<b>KEMENTERIAN KESIHATAN MALAYSIA</b> <i>Ministry of Health</i>	<b>NISBAH JURUPULIH PERUBATAN FISIOTERAPI KEPADA PENDUDUK</b> <i>Physiotherapist to Population Ratio</i>
Perlis	19	1: 13,211
Kedah	73	1: 29,051
Pulau Pinang	80	1: 21,491
Perak	108	1: 22,991
Selangor	141	1: 44,670
W.P. Kuala Lumpur	117	1: 15,275
W.P. Putrajaya	76	1: 1,096
W.P. Labuan	6	1: 16,300
Negeri Sembilan	58	1: 18,960
Melaka	40	1: 22,543
Johor	110	1: 33,228
Pahang	77	1: 21,144
Terengganu	67	1: 17,670
Kelantan	84	1: 21,395
Sabah	162	1: 23,538
Sarawak	155	1: 17,684
<b>MALAYSIA</b>	<b>1,373</b>	<b>1: 23,060</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.35. : BILANGAN JURUPULIH PERUBATAN CARA KERJA<sup>1</sup> DAN NISBAH JURUPULIH PERUBATAN CARAKERJA KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA SEPERTI PADA 31 DISEMBER 2016**

Table 4.35. : *Number of Occupational Therapists<sup>1</sup> and Ratio of Occupational Therapist to Population by State, Malaysia as at 31 December 2016*

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health	NISBAH JURUPULIH CARA KERJA KEPADA PENDUDUK Occupational Therapist to Population Ratio
Perlis	14	1: 17,929
Kedah	58	1: 36,564
Pulau Pinang	64	1: 26,864
Perak	119	1: 20,866
Selangor	99	1: 63,620
W.P. Kuala Lumpur	62	1: 28,826
W.P. Putrajaya	31	1: 2,687
W.P. Labuan	4	1: 24,450
Negeri Sembilan	52	1: 21,148
Melaka	37	1: 24,370
Johor	115	1: 31,783
Pahang	56	1: 29,073
Terengganu	52	1: 22,767
Kelantan	55	1: 32,676
Sabah	145	1: 26,298
Sarawak	110	1: 24,918
<b>MALAYSIA</b>	<b>1,073</b>	<b>1: 29,507</b>

Nota/Note:

<sup>1</sup> Data dari Bahagian Sumber Manusia, KKM / Data from Human Resources Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.36. : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN PRA PERKHIDMATAN MENGIKUT PROGRAM DI INSTITUSI LATIHAN KEMENTERIAN KESIHATAN MALAYSIA (ILKKM), 2016**

Table 4.36 : Total Intake of Trainees for Pre-Service Training Program by Disciplines in the Training Institutions of Ministry of Health Malaysia, 2016

JENIS Type	BIL. INSTITUSI LATIHAN KKM No. of MoH Training Institution	PENGAMBILAN TAHUNAN Annual Intake
Jurupulih Carakerja / Occupational Therapist	2	95
Jurupulih Anggota / Physiotherapist	2	91
Juru X-Ray / Radiographer	2	89
Juruteknologi Makmal Perubatan / Medical Lab. Technologist	2	178
Penolong Pegawai Perubatan / Medical Assistant	6	1,557
Jururawat / Nurse	19	2,274
Jururawat Masyarakat / Community Nurse	-	-
Penolong Pegawai Farmasi / Pharmacist Assistant	1	215
Pen. Peg. Kesihatan Persekitaran / Asst. Environmental Health Officer	2	329
Pembantu Kesihatan Awam / Public Health Assistant	3	167
Jururawat Pergigian / Dental Nurse	1	99
Juruteknologi Pergigian / Dental Technologist	1	82
Pembantu Pembedahan Pergigian / Dental Surgery Assistant	1	392

Punca : Bahagian Pengurusan Latihan, Kementerian Kesihatan Malaysia

Source : Training Management Division, Ministry of Health Malaysia

**JADUAL 4.37. : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI INSTITUT LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2016**

Table 4.37 : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2016

JENIS Type	PENGAMBILAN PELATIH MAKSIMA Training Capacity	JAWATAN PENGAJAR YANG ADA Teaching Post Available	NISBAH TENAGA PENGAJAR KEPADA PELATIH* Ratio of Teaching Staff to Students*
Jurupulih Cara Kerja / Occupational Therapist	272	25	1: 11
Jurupulih Anggota / Physiotherapist	263	26	1: 10
Juru X-Ray / Radiographer	146	34	1: 4
Juruteknologi Makmal Perubatan / Medical Lab. Technologist	566	80	1: 7
Penolong Pegawai Perubatan / Assistant Medical Officer	4,263	131	1: 33
Jururawat / Nurse	6,801	710	1: 10
Jururawat Masyarakat / Community Nurse	90		
Penolong Pegawai Farmasi / Pharmacy Assistant	577	20	1: 29
Pen. Peg. Kes. Persekitaran / Asst. Environmental Health Officer	823	90	1: 15
Pembantu Kesihatan Awam / Public Health Assistant	493		
Jururawat Pergigian / Dental Nurse	309	44	1: 26
Juruteknologi Pergigian / Dental Technologist	173		
Pembantu Pembedahan Pergigian / Dental Surgery Assistant	681		

Nota/Note:

\* Berasaskan kepada bilangan tenaga pengajar dan maksima pelatih.

\* Based on number of teaching posts and training capacity of students.

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, 2016**

Table 4.38. : Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2016

KOD PROGRAM <i>Program Code</i>	TAJUK <i>Title</i>	PERUNTUKAN <i>Allocation (RM)</i>	PERBELANJAAN <i>Expenditure (RM)</i>	PERATUSAN PERBELANJAAN <i>Expenditure Percentage</i>
0010000	Pengurusan / <i>Management</i>	1,675,992,861	1,660,943,344	99.10
0020000	Kesihatan Awam / <i>Public Health</i>	4,901,982,016	4,887,567,846	99.71
0030000	Perubatan / <i>Medical</i>	13,201,159,561	13,164,237,049	99.72
0040000	Penyelidikan dan Sokongan Teknikal / <i>Research and Technical Support</i>	432,848,768	399,367,999	92.27
0050000	Kesihatan Pergigian / <i>Oral Health</i>	865,427,474	864,634,688	99.91
0060000	Perkhidmatan Farmasi / <i>Pharmaceutical Services</i>	239,033,695	236,015,655	98.74
0070000	Keselamatan dan Kualiti Makanan / <i>Food Safety and Quality</i>	98,593,362	96,715,634	98.10
0080000	Lembaga Promosi Kesihatan Malaysia / <i>Malaysia Health Promotion Board</i>	3,582,595	3,582,595	100.00
0090000	Pihak Berkuasa Peranti Perubatan / <i>Medical Device Authority</i>	4,600,000	4,600,000	100.00
0100000	Program Khusus / <i>Specific Program</i>	84,036,268	78,332,070	93.21
0110000	Dasar Baru / <i>New Policies</i>	17,445,400	16,346,110	93.70
0120000	One-Off - <i>Clinical Research Centre</i>	10,500,000	10,471,535	99.73
<b>JUMLAH / Total</b>		<b>21,535,202,000</b>	<b>21,422,814,524</b>	<b>99.48</b>

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, 2016**

Table 4.39. : Actual Development Allocation and Expenditure by Project Details, Malaysia, 2016

<b>BUTIRAN PROJEK</b> <i>Detail Project</i>	<b>TAJUK</b> <i>Title</i>	<b>PERUNTUKAN</b> <i>Allocation (RM)</i>	<b>PERBELANJAAN</b> <i>Expenditure (RM)</i>	<b>PERATUSAN PERBELANJAAN</b> <i>Expenditure Percentage</i>
00100	Latihan / <i>Training</i>	99,431,702	78,502,486	78.95
00200	Kesihatan Awam / <i>Public Health</i>	131,294,915	120,728,431	91.95
00300	Kemudahan Hospital / <i>Hospital Facilities</i>	176,227,799	170,742,273	96.89
00400	Hospital Baru / <i>New Hospitals</i>	202,501,123	201,888,520	99.70
00500	Penyelidikan dan Pembangunan / <i>Research and Development</i>	36,395,170	36,001,168	98.92
00600	Ubahsuai, Naiktaraf & Pembaikan / <i>Restructure, Upgrading &amp; Repairs</i>	162,613,662	154,978,955	95.31
00700	Perolehan Dan Penyelenggaraan Tanah / <i>Land Procurement and Maintenances</i>	9,102,843	8,618,597	94.68
00800	Kemudahan Teknologi Maklumat dan ICT / <i>Information Technology and Communication Facilities</i>	49,113,897	45,678,786	93.01
00900	Penyelenggaraan Kuarters KKM / <i>Maintenances of KKM Quarters</i>	100,000	74,188	74.19
00900	Kemudahan Anggota / <i>Staff Facilities</i>	13,952,098	13,050,872	93.54
01000	Promosi Kesihatan / <i>Health Promotion</i>	-	-	-
01100	Peralatan dan Kenderaan / <i>Equipments and Vehicles</i>	494,531,191	487,470,902	98.57
94000	National Key Economic Area (NKEA)	-	-	-
	<b>JUMLAH / Total</b>	<b>1,375,264,400</b>	<b>1,317,735,177</b>	<b>95.82</b>

Punca : Bahagian Kewangan, Kementerian Kesihatan Malaysia

Source : Finance Division, Ministry of Health Malaysia

**JADUAL 4.40. : PERATUS PERUNTUKAN BELANJAWAN KESIHATAN KEPADA BELANJAWAN NEGARA, MALAYSIA, 2016**

*Table 4.40. : Percentage of Health Budget Allocation to National Budget, Malaysia, 2016*

Peratus Peruntukan Belanjawan Kesihatan kepada Belanjawan Negara <i>Percentage of Health Budget Allocation to National Budget</i>	8.57
Belanjawan Negara (Mengurus Dan Pembangunan) <i>National Budget (Operating and Development)</i>	267,224,000,000
Belanjawan Kesihatan (Sebenar) (Mengurus Dan Pembangunan) <i>Health Budget (Actual) (Operating and Development)</i>	22,910,466,400

Punca : Bahagian Kewangan, Kementerian Kesihatan Malaysia

Source : *Finance Division, Ministry of Health Malaysia*



**JADUAL 4.41. : NISBAH PENDAPATAN NEGARA KASAR (PNK) BAGI KESIHATAN, MALAYSIA, 2016**

Table 4.41. : *Proportion of Gross National Income (GNI) for Health, Malaysia, 2016*

Pendapatan Negara Kasar (PNK) Pada Harga Semasa (Juta) <i>Gross National Income (GNI) at Current prices (Million)</i>	RM 1,197,164
Belanjawan Kesihatan (Mengurus dan Pembangunan) (Juta)* <i>Health Budget (Operating and Development) (Million)*</i>	RM 22,910
Peratus PNK bagi Kesihatan <i>Percentage of GNI for Health</i>	1.91

Punca : Laporan Ekonomi 2016-2017, Kementerian Kewangan Malaysia

\* Bahagian Kewangan, Kementerian Kesihatan Malaysia

Source : *Economic Report 2016-2017, Ministry of Finance Malaysia*

\* *Finance Division, Ministry of Health Malaysia*

**JADUAL 4.42. : LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.42. : BCG Coverage for Infants by State, Malaysia, 2016

NEGERI State	KELAHIRAN HIDUP 2015 Live Births 2015 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	LIPUTAN PELALIAN BCG BAGI BAYI BCG Coverage for Infants		
			BILANGAN YANG DISUNTIK Number Vaccinated	LIPUTAN / Coverage (%)	
				DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>
Perlis	4,315	4,869	4,779	110.75	98.15
Kedah	36,784	36,077	35,400	96.24	98.12
Pulau Pinang	22,242	23,247	23,081	103.77	99.29
Perak	36,284	35,313	34,793	95.89	98.53
Selangor	108,131	111,776	108,486	100.33	97.06
W.P. Kuala Lumpur	25,789	35,963	35,013	135.77	97.36
W.P. Putrajaya	2,869	7,889	7,699	268.35	97.59
W.P. Labuan	1,953	1,734	1,691	86.58	97.52
Negeri Sembilan	18,423	18,203	18,058	98.02	99.20
Melaka	14,554	14,736	14,406	98.98	97.76
Johor	60,543	55,375	54,642	90.25	98.68
Pahang	28,059	24,234	23,955	85.37	98.85
Terengganu	27,629	24,698	24,501	88.68	99.20
Kelantan	39,108	38,276	37,878	96.85	98.96
Sabah	54,699	53,631	52,898	96.71	98.63
Sarawak	39,754	37,282	36,901	92.82	98.98
<b>MALAYSIA</b>	<b>521,136</b>	<b>523,303</b>	<b>514,181</b>	<b>98.67</b>	<b>98.26</b>

Nota/Note :

<sup>1</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2015 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)  
Refers to calculation of coverage using live births 2015 from Department of Statistics, Malaysia (DOSM)

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2016 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
Refers to calculation of coverage using live births 2016 from National Tuberculosis Information System (TBIS)

Punca : Bahagian Kesihatan Awam, Kementerian Kesihatan Malaysia

Source : Public Health Division, Ministry of Health, Malaysia

**JADUAL 4.43 : LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA DAN DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2016**  
 Table 4.43. : *Polio Immunisation Coverage of Infants (1st Dose and 3rd Dose) by State, Malaysia, 2016*

NEGERI State	KELAHIRAN HIDUP 2015 Live Births 2015 (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 <sup>1(P)</sup>	TBIS <sup>2</sup>		DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>
Perlis	4,315	4,869	4,101	95.04	84.23	4,330	100.35	88.93
Kedah	36,784	36,077	33,582	91.30	93.08	34,558	93.95	95.79
Pulau Pinang	22,242	23,247	21,247	95.53	91.40	22,310	100.31	95.97
Perak	36,284	35,313	34,061	93.87	96.45	35,212	97.05	99.71
Selangor	108,131	111,776	90,462	83.66	80.93	105,182	97.27	94.10
W.P. Kuala Lumpur	25,789	35,963	25,579	99.19	71.13	30,515	118.33	84.85
W.P. Putrajaya	2,869	7,889	2,602	90.69	32.98	3,433	119.66	43.52
W.P. Labuan	1,953	1,734	2,057	105.33	118.63	2,035	104.20	117.36
Negeri Sembilan	18,423	18,203	18,207	98.83	100.02	19,023	103.26	104.50
Melaka	14,554	14,736	14,128	97.07	95.87	15,143	104.05	102.76
Johor	60,543	55,375	56,197	92.82	101.48	61,063	100.86	110.27
Pahang	28,059	24,234	27,839	99.22	114.88	28,410	101.25	117.23
Terengganu	27,629	24,698	23,969	86.75	97.05	26,586	96.22	107.64
Kelantan	39,108	38,276	31,190	79.75	81.49	29,941	76.56	78.22
Sabah	54,699	53,631	51,274	93.74	95.61	53,656	98.09	100.05
Sarawak	39,754	37,282	35,965	90.47	96.47	39,159	98.50	105.03
<b>MALAYSIA</b>	<b>521,136</b>	<b>523,303</b>	<b>472,460</b>	<b>90.66</b>	<b>90.28</b>	<b>510,556</b>	<b>97.97</b>	<b>97.56</b>

Nota/Note :

<sup>1</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2015 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)  
*Refers to calculation of coverage using live births 2015 from Department of Statistics, Malaysia (DOSM)*

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2016 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
*Refers to calculation of coverage using live births 2016 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, 2016**

Table 4.44. : Coverage of Children Aged 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2016

NEGERI State	ANGGARAN KANAK-KANAK BERUMUR 1 – 2 TAHUN <sup>1</sup> <i>Estimated Children Aged 1 – 2 Years<sup>1</sup></i>	KANAK-KANAK BERUMUR 1 – 2 TAHUN YANG DIBERI DOS SEMULA PERTAMA POLIO <i>Children Aged 1 – 2 Years Given 1st Booster Dose Polio</i>	
		BILANGAN <i>Number</i>	LIPUTAN <i>Coverage (%)</i>
Perlis	4,500	2,791	62.02
Kedah	36,900	26,871	72.82
Pulau Pinang	22,600	10,211	45.18
Perak	35,100	22,512	64.14
Selangor	108,500	53,399	49.22
W.P. Kuala Lumpur	27,500	16,712	60.77
W.P. Putrajaya	3,100	2,048	66.06
W.P. Labuan	3,700	1,962	53.03
Negeri Sembilan	18,400	17,696	96.17
Melaka	14,500	131	0.90
Johor	59,600	31,783	53.33
Pahang	29,100	18,184	62.49
Terengganu	26,800	14,918	55.66
Kelantan	39,900	16,987	42.57
Sabah	59,900	42,342	70.69
Sarawak	40,300	626	1.55
<b>MALAYSIA</b>	<b>530,400</b>	<b>279,173</b>	<b>52.63</b>

Nota/Note :

<sup>1</sup>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 4.45. : LIPUTAN PELALIAN DOS SEMULA POLIO BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2016**

*Table 4.45. : Polio Immunisation Coverage of Booster Dose for Standard 1 School Children by State, Malaysia, 2016*

NEGERI State	JUMLAH ENROLMEN DARJAH 1 Total Standard 1 Enrolment	MURID DARJAH 1 YANG DIBERI PELALIAN DOS SEMULA POLIO Standard 1 School Children Given Booster Dose Polio Immunisation	
		BILANGAN Number	LIPUTAN Coverage (%)
Perlis	4,188	-	-
Kedah	33,473	-	-
Pulau Pinang	23,197	-	-
Perak	35,139	-	-
Selangor	93,761	-	-
W.P. Kuala Lumpur	22,975	-	-
W.P. Putrajaya	3,013	2,971	98.61
W.P. Labuan	1,591	-	-
Negeri Sembilan	17,518	-	-
Melaka	13,900	-	-
Johor	57,169	36	0.06
Pahang	25,376	411	1.62
Terengganu	22,335	-	-
Kelantan	29,335	-	-
Sabah	47,392	-	-
Sarawak	38,750	-	-
<b>MALAYSIA</b>	<b>469,112</b>	<b>3,418</b>	<b>0.73</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.46 : LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.46 : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2016

NEGERI State	KELAHIRAN HIDUP 2015 Live Births 2015 (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 <sup>1(P)</sup>	TBIS <sup>2</sup>		DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>
Perlis	4,315	4,869	4,101	95.04	84.23	4,330	100.35	88.93
Kedah	36,784	36,077	33,582	91.30	93.08	34,558	93.95	95.79
Pulau Pinang	22,242	23,247	21,247	95.53	91.40	22,310	100.31	95.97
Perak	36,284	35,313	34,061	93.87	96.45	35,212	97.05	99.71
Selangor	108,131	111,776	90,462	83.66	80.93	105,182	97.27	94.10
W.P. Kuala Lumpur	25,789	35,963	25,579	99.19	71.13	30,515	118.33	84.85
W.P. Putrajaya	2,869	7,889	2,602	90.69	32.98	3,433	119.66	43.52
W.P. Labuan	1,953	1,734	2,057	105.33	118.63	2,035	104.20	117.36
Negeri Sembilan	18,423	18,203	18,207	98.83	100.02	19,023	103.26	104.50
Melaka	14,554	14,736	14,128	97.07	95.87	15,143	104.05	102.76
Johor	60,543	55,375	56,197	92.82	101.48	61,063	100.86	110.27
Pahang	28,059	24,234	27,839	99.22	114.88	28,410	101.25	117.23
Terengganu	27,629	24,698	23,969	86.75	97.05	26,586	96.22	107.64
Kelantan	39,108	38,276	31,190	79.75	81.49	29,941	76.56	78.22
Sabah	54,699	53,631	51,274	93.74	95.61	53,656	98.09	100.05
Sarawak	39,754	37,282	35,965	90.47	96.47	39,159	98.50	105.03
<b>MALAYSIA</b>	<b>521,136</b>	<b>523,303</b>	<b>472,460</b>	<b>90.66</b>	<b>90.28</b>	<b>510,556</b>	<b>97.97</b>	<b>97.56</b>

Nota/Note :

<sup>1</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2015 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)  
Refers to calculation of coverage using live births 2015 from Department of Statistics, Malaysia (DOSM)

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2016 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
Refers to calculation of coverage using live births 2016 from National Tuberculosis Information System (TBIS)

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.47 : LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA) BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2016**  
 Table 4.47 : *Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2016*

NEGERI State	KELAHIRAN HIDUP 2015 Live Births 2015 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS PERTAMA 1st Dose			DOS KETIGA 3rd Dose		
			BILANGAN Number	LIPUTAN / Coverage (%)		BILANGAN Number	LIPUTAN / Coverage (%)	
				DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>		DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>
Perlis	4,315	4,869	4,101	95.04	84.23	4,330	100.35	88.93
Kedah	36,784	36,077	33,582	91.30	93.08	34,558	93.95	95.79
Pulau Pinang	22,242	23,247	21,247	95.53	91.40	22,310	100.31	95.97
Perak	36,284	35,313	34,061	93.87	96.45	35,212	97.05	99.71
Selangor	108,131	111,776	90,462	83.66	80.93	105,182	97.27	94.10
W.P. Kuala Lumpur	25,789	35,963	25,579	99.19	71.13	30,515	118.33	84.85
W.P. Putrajaya	2,869	7,889	2,602	90.69	32.98	3,433	119.66	43.52
W.P. Labuan	1,953	1,734	2,057	105.33	118.63	2,035	104.20	117.36
Negeri Sembilan	18,423	18,203	18,207	98.83	100.02	19,023	103.26	104.50
Melaka	14,554	14,736	14,128	97.07	95.87	15,143	104.05	102.76
Johor	60,543	55,375	56,197	92.82	101.48	61,063	100.86	110.27
Pahang	28,059	24,234	27,839	99.22	114.88	28,410	101.25	117.23
Terengganu	27,629	24,698	23,969	86.75	97.05	26,586	96.22	107.64
Kelantan	39,108	38,276	31,190	79.75	81.49	29,941	76.56	78.22
Sabah	54,699	53,631	51,274	93.74	95.61	53,656	98.09	100.05
Sarawak	39,754	37,282	35,965	90.47	96.47	39,159	98.50	105.03
<b>MALAYSIA</b>	<b>521,136</b>	<b>523,303</b>	<b>472,460</b>	<b>90.66</b>	<b>90.28</b>	<b>510,556</b>	<b>97.97</b>	<b>97.56</b>

Nota/Note :

<sup>1</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2015 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)  
*Refers to calculation of coverage using live births 2015 from Department of Statistics, Malaysia (DOSM)*

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2016 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
*Refers to calculation of coverage using live births 2016 from National Tuberculosis Information System (TBIS)*

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

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

**JADUAL 4.48 : LIPUTAN PELALIAN DOS SEMULA *DOUBLE ANTIGEN* BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2016**

*Table 4.48 : Coverage of Standard 1 School Children For Booster Dose Double Antigen by State, Malaysia, 2016*

NEGERI <i>State</i>	JUMLAH ENROLMEN DARJAH 1 <i>Total Standard 1 Enrolment</i>	MURID DARJAH 1 YANG DIBERI DOS SEMULA <i>DOUBLE ANTIGEN</i> <i>Standard 1 School Children Given Booster Dose Double Antigen</i>	
		BILANGAN <i>Number</i>	LIPUTAN <i>Coverage (%)</i>
Perlis	4,188	4,175	99.69
Kedah	33,473	32,973	98.51
Pulau Pinang	23,197	23,118	99.66
Perak	35,139	34,885	99.28
Selangor	93,761	92,380	98.53
W.P. Kuala Lumpur	22,975	22,888	99.62
W.P. Putrajaya	3,013	2,983	99.00
W.P. Labuan	1,591	1,584	99.56
Negeri Sembilan	17,518	17,470	99.73
Melaka	13,900	13,885	99.89
Johor	57,169	57,097	99.87
Pahang	25,376	25,231	99.43
Terengganu	22,335	22,070	98.81
Kelantan	29,335	29,222	99.61
Sabah	47,392	47,101	99.39
Sarawak	38,750	38,086	98.29
<b>MALAYSIA</b>	<b>469,112</b>	<b>465,148</b>	<b>99.15</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

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



**JADUAL 4.49 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.49 : Immunisation Coverage of Infants for Hepatitis B (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2016

NEGERI State	KELAHIRAN HIDUP 2015 <i>Live Births</i> 2015 (DOSM)	KELAHIRAN HIDUP <i>Live Births</i> (TBIS)	DOS PERTAMA <i>1st Dose</i>			DOS KEDUA <i>2nd Dose</i>		
			BILANGAN <i>Number</i>	LIPUTAN / <i>Coverage</i> (%)		BILANGAN <i>Number</i>	LIPUTAN / <i>Coverage</i> (%)	
				DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>		DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>
Perlis	4,315	4,869	4,884	113.19	100.31	4,311	99.91	88.54
Kedah	36,784	36,077	33,987	92.40	94.21	36,233	98.50	100.43
Pulau Pinang	22,242	23,247	18,966	85.27	81.58	20,217	90.90	86.97
Perak	36,284	35,313	32,561	89.74	92.21	36,925	101.77	104.56
Selangor	108,131	111,776	98,002	90.63	87.68	88,226	81.59	78.93
W.P. Kuala Lumpur	25,789	35,963	21,723	84.23	60.40	22,550	87.44	62.70
W.P. Putrajaya	2,869	7,889	3,747	130.60	47.50	2,030	70.76	25.73
W.P. Labuan	1,953	1,734	1,717	87.92	99.02	1,947	99.69	112.28
Negeri Sembilan	18,423	18,203	16,316	88.56	89.63	17,943	97.39	98.57
Melaka	14,554	14,736	13,413	92.16	91.02	13,952	95.86	94.68
Johor	60,543	55,375	55,862	92.27	100.88	57,831	95.52	104.44
Pahang	28,059	24,234	24,345	86.76	100.46	29,611	105.53	122.19
Terengganu	27,629	24,698	24,341	88.10	98.55	25,696	93.00	104.04
Kelantan	39,108	38,276	23,488	60.06	61.36	36,173	92.50	94.51
Sabah	54,699	53,631	50,009	91.43	93.25	50,638	92.58	94.42
Sarawak	39,754	37,282	35,511	89.33	95.25	35,452	89.18	95.09
<b>MALAYSIA</b>	<b>521,136</b>	<b>523,303</b>	<b>458,872</b>	<b>88.05</b>	<b>87.69</b>	<b>479,735</b>	<b>92.06</b>	<b>91.67</b>

Nota/Note :

<sup>1</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2015 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)  
*Refers to calculation of coverage using live births 2015 from Department of Statistics, Malaysia (DOSM)*

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2016 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
*Refers to calculation of coverage using live births 2016 from National Tuberculosis Information System (TBIS)*

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.49 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2016 (SAMB.)**

Table 4.49 : Immunisation Coverage of Infants for Hepatitis B (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2016 (Cont'd)

NEGERI State	KELAHIRAN HIDUP 2015 Live Births 2015 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS KETIGA 3rd Dose			DOS KEEMPAT 4rd Dose		
			BILANGAN Number	LIPUTAN / Coverage (%)		BILANGAN Number	LIPUTAN / Coverage (%)	
				DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>		DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>
Perlis	4,315	4,869	4,309	99.86	88.50	0	-	-
Kedah	36,784	36,077	34,909	94.90	96.76	0	-	-
Pulau Pinang	22,242	23,247	22,230	99.95	95.63	0	-	-
Perak	36,284	35,313	35,452	97.71	100.39	1	0.00	0.00
Selangor	108,131	111,776	105,050	97.15	93.98	0	-	-
W.P. Kuala Lumpur	25,789	35,963	29,765	115.42	82.77	0	-	-
W.P. Putrajaya	2,869	7,889	3,444	120.04	43.66	0	-	-
W.P. Labuan	1,953	1,734	2,011	102.97	115.97	0	-	-
Negeri Sembilan	18,423	18,203	18,545	100.66	101.88	0	-	-
Melaka	14,554	14,736	15,272	104.93	103.64	0	-	-
Johor	60,543	55,375	60,883	100.56	109.95	143	0.24	0.26
Pahang	28,059	24,234	28,661	102.15	118.27	5	0.02	0.02
Terengganu	27,629	24,698	26,441	95.70	107.06	0	-	-
Kelantan	39,108	38,276	29,428	75.25	76.88	0	-	-
Sabah	54,699	53,631	55,536	101.53	103.55	1	0.00	0.00
Sarawak	39,754	37,282	38,631	97.18	103.62	1	0.00	0.00
<b>MALAYSIA</b>	<b>521,136</b>	<b>523,303</b>	<b>510,567</b>	<b>97.97</b>	<b>97.57</b>	<b>151</b>	<b>0.03</b>	<b>0.03</b>

Nota/Note :

<sup>1</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2015 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)  
Refers to calculation of coverage using live births 2015 from Department of Statistics, Malaysia (DOSM)

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2016 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
Refers to calculation of coverage using live births 2016 from National Tuberculosis Information System (TBIS)

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.50 : LIPUTAN PELALIAN MEASLES UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.50 : Immunisation Coverage of Infants for Measles by State, Malaysia, 2016

NEGERI State	KELAHIRAN HIDUP 2015 Live Births 2015 (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	BAYI YANG TELAH DIBERI PELALIAN MEASLES Measles Immunisation Given to Infants		
			BILANGAN Number	LIPUTAN / Coverage (%)	
				DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>
Perlis	4,315	4,869	-	-	-
Kedah	36,784	36,077	-	-	-
Pulau Pinang	22,242	23,247	-	-	-
Perak	36,284	35,313	362	1.00	1.03
Selangor	108,131	111,776	-	-	-
W.P. Kuala Lumpur	25,789	35,963	3,636	14.10	10.11
W.P. Putrajaya	2,869	7,889	737	25.69	9.34
W.P. Labuan	1,953	1,734	-	-	-
Negeri Sembilan	18,423	18,203	-	-	-
Melaka	14,554	14,736	-	-	-
Johor	60,543	55,375	-	-	-
Pahang	28,059	24,234	-	-	-
Terengganu	27,629	24,698	-	-	-
Kelantan	39,108	38,276	309	0.79	0.81
Sabah	54,699	53,631	58,584	107.10	109.24
Sarawak	39,754	37,282	311	0.78	0.83
<b>MALAYSIA</b>	<b>521,136</b>	<b>523,303</b>	<b>63,939</b>	<b>12.27</b>	<b>12.22</b>

Nota/Note :

<sup>1</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2015 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)  
Refers to calculation of coverage using live births 2015 from Department of Statistics, Malaysia (DOSM)

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2016 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
Refers to calculation of coverage using live births 2016 from National Tuberculosis Information System (TBIS)

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.51. : LIPUTAN PELALIAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 HINGGA < 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.51. : Immunisation Coverage of MMR (Mump, Measles And Rubella) for Children Aged 1 to < 2 Years by State, Malaysia, 2016

NEGERI State	ANGGARAN KANAK-KANAK BERUMUR 1 – 2 TAHUN <sup>1</sup> <i>Estimated Children Aged 1 – 2 Years<sup>1</sup></i>	KANAK-KANAK BERUMUR 1 HINGGA < 2 TAHUN YANG DIBERI PELALIAN MMR <i>MMR Immunisation Given to Children Aged 1 to &lt; 2 Years</i>	
		BILANGAN Number	LIPUTAN Coverage (%)
Perlis	4,500	4,035	89.67
Kedah	36,900	33,461	90.68
Pulau Pinang	22,600	22,307	98.70
Perak	35,100	33,752	96.16
Selangor	108,500	100,481	92.61
W.P. Kuala Lumpur	27,500	28,572	103.90
W.P. Putrajaya	3,100	2,952	95.23
W.P. Labuan	3,700	2,119	57.27
Negeri Sembilan	18,400	18,151	98.65
Melaka	14,500	14,548	100.33
Johor	59,600	58,285	97.79
Pahang	29,100	27,993	96.20
Terengganu	26,800	28,704	107.10
Kelantan	39,900	28,714	71.96
Sabah	59,900	58,501	97.66
Sarawak	40,300	37,976	94.23
<b>MALAYSIA</b>	<b>530,400</b>	<b>500,551</b>	<b>94.37</b>

Nota/Note :

<sup>1</sup> 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 4.52 : LIPUTAN PELALIAN HPV (HUMAN PAPILLOMA VIRUS) (DOS PERTAMA DAN DOS KEDUA) BAGI PEREMPUAN BERUMUR 13 TAHUN MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.52 : Immunisation Coverage of Female Aged 13 Years for HPV (Human Papilloma Virus) (1st and 2nd Dose) by State, Malaysia, 2016

NEGERI State	ANGGARAN PEREMPUAN BERUMUR 13 TAHUN <sup>1</sup> Estimated Female Aged 13 Years <sup>1</sup>	DOS PERTAMA 1st Dose		DOS KEDUA 2nd Dose	
		BILANGAN <sup>2</sup> Number <sup>2</sup>	LIPUTAN Coverage (%)	BILANGAN <sup>2</sup> Number <sup>2</sup>	LIPUTAN Coverage (%)
Perlis	2,000	2,000	100.00	1,995	99.75
Kedah	18,000	16,068	89.27	16,007	88.93
Pulau Pinang	12,000	10,992	91.60	10,988	91.57
Perak	22,000	17,362	78.92	17,307	78.67
Selangor	45,700	38,584	84.43	37,341	81.71
W.P. Kuala Lumpur	11,600	9,938	85.67	9,799	84.47
W.P. Putrajaya	700	711	101.57	711	101.57
Labuan	800	591	73.88	582	72.75
Negeri Sembilan	9,000	8,913	99.03	8,794	97.71
Melaka	7,000	6,520	93.14	6,519	93.13
Johor	30,000	26,884	89.61	26,884	89.61
Pahang	13,900	11,302	81.31	11,249	80.93
Terengganu	11,500	9,647	83.89	9,630	83.74
Kelantan	17,200	14,793	86.01	14,784	85.95
Sabah	30,400	20,316	66.83	20,316	66.83
Sarawak	25,000	20,283	81.13	20,281	81.12
<b>MALAYSIA</b>	<b>256,800</b>	<b>214,904</b>	<b>83.69</b>	<b>213,187</b>	<b>83.02</b>

Nota/Note :

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

<sup>2</sup> Data daripada Bahagian Pembangunan Kesihatan Keluarga, KKM  
Data from Family Health Development Division, MoH

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.53 : LIPUTAN IBU-IBU MENGANDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.53. : Coverage of Ante-natal Mothers (1st Visit) by State, Malaysia, 2016

<b>NEGERI</b> State	<b>ANGGARAN IBU MENGANDUNG 2015</b> Estimated Number of Pregnant Mothers 2015	<b>BILANGAN KEDATANGAN IBU MENGANDUNG (LAWATAN PERTAMA)</b> Number of Ante-Natal Attendances (1st Visit)	<b>LIPUTAN IBU MENGANDUNG<sup>(P)</sup> (LAWATAN PERTAMA)</b> Coverage of Ante-Natal <sup>(P)</sup> (1st Visit) (%)
Perlis	4,962	4,076	82.14
Kedah	42,302	34,718	82.07
Pulau Pinang	25,578	23,717	92.72
Perak	41,727	31,599	75.73
Selangor	124,351	129,481	104.13
W.P. Kuala Lumpur	29,657	55,314	186.51
W.P. Putrajaya	3,299	3,558	107.84
W.P. Labuan	2,246	2,190	97.51
Negeri Sembilan	21,186	19,065	89.99
Melaka	16,737	14,821	88.55
Johor	69,624	69,343	99.60
Pahang	32,268	26,487	82.08
Terengganu	31,773	25,175	79.23
Kelantan	44,974	26,102	58.04
Sabah	62,904	50,753	80.68
Sarawak	45,717	38,322	83.82
<b>MALAYSIA</b>	<b>599,305</b>	<b>554,721</b>	<b>92.56</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.54. : LIPUTAN IBU-IBU MENDUNG YANG DIBERI TETANUS TOXOID (MENGGUNAKAN DENOMINATOR ANGGARAN IBU MENDUNG) MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.54. : Coverage of Ante-Natal Mothers for Tetanus Toxoid (using Estimated Pregnant Mothers as Denominator) by State, Malaysia, 2016

NEGERI State	ANGGARAN IBU MENDUNG 2015 Estimated Number of Pregnant Mothers 2015	DOS PERTAMA 1st Dose		DOS KEDUA / DOS SEMULA (DOS PENAMAT) 2nd Dose or Booster Dose (Completion Dose)	
		BILANGAN Number	LIPUTAN <sup>(P)</sup> Coverage (%)	BILANGAN Number	LIPUTAN <sup>(P)</sup> Coverage (%)
Perlis	4,962	1,181	23.80	3,775	76.07
Kedah	42,302	9,938	23.49	30,918	73.09
Pulau Pinang	25,578	7,254	28.36	18,973	74.18
Perak	41,727	11,631	27.87	29,477	70.64
Selangor	124,351	35,538	28.58	107,672	86.59
W.P. Kuala Lumpur	29,657	11,029	37.19	26,494	89.33
W.P. Putrajaya	3,299	1,044	31.64	3,640	110.32
W.P. Labuan	2,246	794	35.35	2,080	92.61
Negeri Sembilan	21,186	5,771	27.24	16,796	79.28
Melaka	16,737	4,993	29.83	14,020	83.77
Johor	69,624	20,895	30.01	54,884	78.83
Pahang	32,268	7,739	23.98	24,626	76.32
Terengganu	31,773	6,917	21.77	25,534	80.36
Kelantan	44,974	6,834	15.20	25,272	56.19
Sabah	62,904	14,054	22.34	47,227	75.08
Sarawak	45,717	16,197	35.43	35,515	77.68
<b>MALAYSIA</b>	<b>599,305</b>	<b>161,809</b>	<b>27.00</b>	<b>466,903</b>	<b>77.91</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.55. : LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID (MENGGUNAKAN DENOMINATOR KELAHIRAN HIDUP) MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.55. : Coverage of Ante-natal Mothers for Tetanus Toxoid (using Live Births as Denominator) by State, Malaysia, 2016

NEGERI State	KELAHIRAN HIDUP 2015 Live Births 2015 (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 <sup>1(P)</sup>	TBIS <sup>2</sup>		DOSM <sup>1(P)</sup>	TBIS <sup>2</sup>
Perlis	4,315	4,869	1,181	27.37	24.26	3,775	87.49	77.53
Kedah	36,784	36,077	9,938	27.02	27.55	30,918	84.05	85.70
Pulau Pinang	22,242	23,247	7,254	32.61	31.20	18,973	85.30	81.61
Perak	36,284	35,313	11,631	32.06	32.94	29,477	81.24	83.47
Selangor	108,131	111,776	35,538	32.87	31.79	107,672	99.58	96.33
W.P. Kuala Lumpur	25,789	35,963	11,029	42.77	30.67	26,494	102.73	73.67
W.P. Putrajaya	2,869	7,889	1,044	36.39	13.23	3,640	126.87	46.14
W.P. Labuan	1,953	1,734	794	40.66	45.79	2,080	106.50	119.95
Negeri Sembilan	18,423	18,203	5,771	31.32	31.70	16,796	91.17	92.27
Melaka	14,554	14,736	4,993	34.31	33.88	14,020	96.33	95.14
Johor	60,543	55,375	20,895	34.51	37.73	54,884	90.65	99.11
Pahang	28,059	24,234	7,739	27.58	31.93	24,626	87.77	101.62
Terengganu	27,629	24,698	6,917	25.04	28.01	25,534	92.42	103.38
Kelantan	39,108	38,276	6,834	17.47	17.85	25,272	64.62	66.03
Sabah	54,699	53,631	14,054	25.69	26.20	47,227	86.34	88.06
Sarawak	39,754	37,282	16,197	40.74	43.44	35,515	89.34	95.26
<b>MALAYSIA</b>	<b>521,135</b>	<b>523,303</b>	<b>161,809</b>	<b>31.05</b>	<b>30.92</b>	<b>466,903</b>	<b>89.59</b>	<b>89.22</b>

Nota/Note :

<sup>1</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2015 diperolehi daripada Jabatan Perangkaan Malaysia (DOSM)  
Refers to calculation of coverage using live births 2015 from Department of Statistics, Malaysia (DOSM)

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup 2016 diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
Refers to calculation of coverage using live births 2016 from National Tuberculosis Information System (TBIS)

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia



**JADUAL 4.56. : KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2016**

Table 4.56. : *Deliveries Attended by Trained Personnel, Malaysia, 2016*

<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH</b> <i>Deliveries Attended by Trained Personnel</i>	<b>BILANGAN</b> <i>Number</i>	<b>PERATUS</b> <i>Percentage</i>
<b>Jumlah Kelahiran</b> <i>Total Deliveries</i>	<b>443,432</b>	<b>100.00</b>
<b>Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan)</b> <i>Deliveries by Trained Personnel (Government)</i>	<b>384,219</b>	<b>86.64</b>
- Hospital Kerajaan / <i>Government Hospitals</i>	380,883	85.89
- Kemudahan Kesihatan Awam / <i>Public Health Facilities</i>	3,336	0.75
<b>Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Swasta)</b> <i>Deliveries by Trained Personnel (Private)</i>	<b>57,104</b>	<b>12.88</b>
- Hospital Swasta / <i>Private Hospitals</i>	53,962	12.17
- Rumah Bersalin Swasta / <i>Private Maternity Homes</i>	3,142	0.71
<b>Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan Dan Swasta)</b> <i>Deliveries by Trained Personnel (Government and Private)</i>	<b>441,323</b>	<b>99.52</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

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

**JADUAL 4.57. : BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2012-2016**

Table 4.57. : Number of New Family Planning Acceptors by Type of Methods, Malaysia, 2012-2016

KAEDAH Methods	2012		2013		2014		2015		2016	
	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%	BILANGAN Number	%
Pil/Pill	71,421	58.6	67,571	53.7	64,086	51.7	57,703	49.7	49,969	47.3
Alat Dalam Rahim (ADR) Ultra Uterine Device (IUD)	3,147	2.6	3,001	2.4	2,921	2.4	3,244	2.8	2,783	2.6
Kondom/Condom	11,449	9.4	11,376	9.0	10,771	8.7	9,754	8.4	9,228	8.7
Suntikan/Injection	28,841	23.7	36,992	29.4	40,119	32.3	40,092	34.5	38,312	36.2
Sterilisasi/Sterilization - Perempuan/Female	4,376	3.6	3,905	3.1	3,102	2.5	3,352	2.9	3,431	3.2
- Lelaki/Male	1	0.0	0	-	6	0.0	4	0.0	3	0.0
Implant	1,795	1.5	2,193	1.8	2,466	1.9	1,697	1.5	1,785	1.7
Cara Waktu Selamat / Rhythm	556	0.5	409	0.3	69	0.1	30	0.0	22	0.0
Lain-Lain/Others	279	0.2	349	0.3	476	0.4	166	0.1	204	0.2
<b>Jumlah/Total</b>	<b>121,865</b>	<b>100.0</b>	<b>125,796</b>	<b>100.0</b>	<b>124,016</b>	<b>100.0</b>	<b>116,042</b>	<b>100.0</b>	<b>105,737</b>	<b>100.0</b>

Punca : Lembaga Penduduk Dan Pembangunan Keluarga Negara

Source : National Population and Family Development Board

**JADUAL 4.58. : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR DENGAN SISTEM BEKALAN AIR SELAMAT MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2016**

Table 4.58. : Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as at 31 December, 2016

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR <sup>1</sup> Number of Houses in Rural Area <sup>1</sup>	LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENERIMA BEKALAN AIR SELAMAT <i>Houses in Rural Area Covered with Safe Water Supply</i>	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Perlis	34,158	33,575	98.29
Kedah	199,717	194,719	97.50
Pulau Pinang	61,407	58,959	96.01
Perak	126,673	123,273	97.32
Selangor	85,053	82,421	96.91
Negeri Sembilan	58,023	54,110	93.26
Melaka	74,637	74,637	100.00
Johor	139,109	136,977	98.47
Pahang	46,789	45,033	96.25
Terengganu	149,230	147,515	98.85
Kelantan	206,390	184,657	89.47
Sabah	152,263	144,039	94.60
Sarawak	209,066	198,851	95.11
<b>MALAYSIA</b>	<b>1,542,515</b>	<b>1,478,766</b>	<b>95.87</b>

Nota/Note :

<sup>1</sup> 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 MEMPUNYAI TANDAS SEMPURNA MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2016**

Table 4.59. : Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as at 31 December, 2016

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR <sup>1</sup> Number of Houses in Rural Area <sup>1</sup>	LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MEMPUNYAI TANDAS SEMPURNA Houses in Rural Area Covered with Sanitary Latrines	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Perlis	34,158	33,395	97.77
Kedah	199,717	196,586	98.43
Pulau Pinang	61,407	60,755	98.94
Perak	126,673	122,517	96.72
Selangor	85,053	78,224	91.97
Negeri Sembilan	58,023	53,868	92.84
Melaka	74,637	74,620	99.98
Johor	139,109	137,067	98.53
Pahang	46,789	43,832	93.68
Terengganu	149,230	149,177	99.96
Kelantan	206,390	204,551	99.11
Sabah	152,263	130,140	85.47
Sarawak	209,066	196,699	94.08
<b>MALAYSIA</b>	<b>1,542,515</b>	<b>1,481,431</b>	<b>96.04</b>

Nota/Note :

<sup>1</sup> 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. : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PERLIMBAHAN MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2016**

Table 4.60. : Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as at 31 December, 2016

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR <sup>1</sup> Number of Houses in Rural Area <sup>1</sup>	LIPUTAN RUMAH YANG MENDAPAT SISTEM PERLIMBAHAN <i>Houses Covered with Sullage Disposal System</i>	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Perlis	34,158	21,815	63.86
Kedah	199,717	138,494	69.35
Pulau Pinang	61,407	54,690	89.06
Perak	126,673	74,932	59.15
Selangor	85,053	73,259	86.13
Negeri Sembilan	58,023	42,052	72.47
Melaka	74,637	68,154	91.31
Johor	139,109	132,421	95.19
Pahang	46,789	28,661	61.26
Terengganu	149,230	101,102	67.75
Kelantan	206,390	92,677	44.90
Sabah	152,263	82,837	54.40
Sarawak	209,066	127,897	61.18
<b>MALAYSIA</b>	<b>1,542,515</b>	<b>1,038,991</b>	<b>67.36</b>

Nota/Note :

<sup>1</sup> 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 4.61. : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PELUPUSAN SISA PEPEJAL MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2016**

Table 4.61. : Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as at 31 December, 2016

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR <sup>1</sup> Number of Houses in Rural Area <sup>1</sup>	LIPUTAN RUMAH YANG MENDAPAT SISTEM PELUPUSAN SISA PEPEJAL <i>Houses Covered with Solid Waste Disposal System</i>	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Perlis	34,158	20,925	61.26
Kedah	199,717	164,826	82.53
Pulau Pinang	61,407	58,107	94.63
Perak	126,673	73,615	58.11
Selangor	85,053	73,726	86.68
Negeri Sembilan	58,023	41,628	71.74
Melaka	74,637	68,496	91.77
Johor	139,109	132,808	95.47
Pahang	46,789	30,161	64.46
Terengganu	149,230	113,516	76.07
Kelantan	206,390	113,583	55.03
Sabah	152,263	94,203	61.87
Sarawak	209,066	122,506	58.60
<b>MALAYSIA</b>	<b>1,542,515</b>	<b>1,108,100</b>	<b>71.84</b>

Nota/Note :

<sup>1</sup> 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 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>PERLIS</b> Hospital Tuanku Fauziah	408	408	92.02	37,136	101.46	897	3.70	0.32
<b>Jumlah Negeri / State Total</b>	<b>408</b>	<b>408</b>	<b>92.02</b>	<b>37,136</b>	<b>101.46</b>	<b>897</b>	<b>3.70</b>	<b>0.32</b>
<b>KEDAH</b> Hospital Sultanah Bahiyah, Alor Setar	1,084	1,084	81.16	74,719	204.15	2,014	4.27	0.99
Hospital Sultan Abdul Halim, Sg. Petani	628	624	87.81	45,412	124.08	1,320	3.97	0.55
Hospital Kulim	350	350	73.10	31,015	84.74	583	3.02	1.11
Hospital Baling	160	115	53.36	9,994	27.31	142	2.25	1.96
Hospital Langkawi	110	110	88.92	9,110	24.89	193	3.94	0.49
Hospital Yan	89	89	43.14	5,740	15.68	84	2.45	3.23
Hospital Jitra	103	103	47.55	7,592	20.74	147	2.36	2.60
Hospital Sik	93	93	39.51	6,398	17.48	55	2.10	3.22
Hospital Kuala Nerang	72	72	43.53	5,370	14.67	56	2.14	2.77
<b>Jumlah Negeri / State Total</b>	<b>2,689</b>	<b>2,640</b>	<b>75.69</b>	<b>195,350</b>	<b>533.74</b>	<b>4,594</b>	<b>3.64</b>	<b>1.17</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>PULAU PINANG</b>								
Hospital Pulau Pinang	1,201	1,136	72.20	56,544	154.49	2,498	5.25	2.02
Hospital Bukit Mertajam	242	242	70.72	19,720	53.88	598	3.18	1.32
Hospital Seberang Jaya	393	393	82.20	33,548	91.66	818	3.52	0.76
Hospital Sungai Bakap	105	105	51.15	5,669	15.49	154	3.46	3.31
Hospital Balik Pulau	81	81	52.52	5,022	13.72	57	3.10	2.80
Hospital Kepala Batas	108	108	89.99	12,592	34.40	292	2.82	0.31
<b>Jumlah Negeri / State Total</b>	<b>2,130</b>	<b>2,065</b>	<b>73.02</b>	<b>133,095</b>	<b>363.65</b>	<b>4,417</b>	<b>4.13</b>	<b>1.52</b>



**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>PERAK</b>								
Hospital Raja Permaisuri Bainun, Ipoh	990	990	75.83	72,413	197.85	2,655	3.78	1.20
Hospital Taiping	608	608	73.09	45,273	123.70	1,650	3.59	1.32
Hospital Teluk Intan	548	548	54.83	32,429	88.60	936	3.42	2.82
Hospital Parit Buntar	100	100	64.32	10,754	29.38	146	2.21	1.22
Hospital Kuala Kangsar	136	136	35.92	6,383	17.44	106	2.80	5.00
Hospital Batu Gajah	160	160	50.14	8,879	24.26	200	3.30	3.28
Hospital Kampar	90	68	40.15	4,620	12.62	109	2.17	3.23
Hospital Tapah	100	100	31.87	6,073	16.59	42	1.93	4.12
Hospital Slim River	250	188	43.90	9,574	26.16	189	3.15	4.03
Hospital Seri Manjung	305	293	71.21	28,801	78.69	688	2.65	1.07
Hospital Gerik	75	75	42.94	4,625	12.64	46	2.55	3.39
Hospital Selama	90	90	46.60	4,148	11.33	66	3.69	4.23
Hospital Changkat Melintang	50	50	36.91	3,870	10.57	46	1.75	2.98
Hospital Sungai Siput	93	93	42.37	5,156	14.09	89	2.79	3.80
<b>Jumlah Negeri / State Total</b>	<b>3,595</b>	<b>3,499</b>	<b>62.05</b>	<b>242,998</b>	<b>663.93</b>	<b>6,968</b>	<b>3.27</b>	<b>2.00</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>SELANGOR</b>								
Hospital Tengku Ampuan Rahimah, Klang	1,154	1,154	84.08	84,197	230.05	2,124	4.20	0.80
Hospital Kajang	326	326	84.28	29,551	80.74	839	3.40	0.63
Hospital Kuala Kubu Baru	120	120	46.88	6,539	17.87	89	3.14	3.56
Hospital Tanjung Karang	114	114	44.43	7,224	19.74	95	2.57	3.21
Hospital Banting	155	155	69.64	13,230	36.15	258	2.98	1.30
Hospital Tengku Ampuan Jemaah, Sabak Bernam	93	93	34.57	5,448	14.89	81	2.16	4.08
Hospital Sungai Buloh	730	678	88.80	48,952	133.75	1,421	4.50	0.57
Hospital Selayang	1,012	994	25.16	23,117	63.16	563	3.88	11.55
Hospital Serdang	694	632	89.15	50,515	138.02	1,286	4.08	0.50
Hospital Ampang	562	512	94.43	42,487	116.08	1,144	4.17	0.25
Hospital Orang Asli Gombak	93	93	19.46	529	1.45	2	12.48	1.15
Hospital Shah Alam	300	262	73.41	22,253	60.80	301	3.17	51.63
<b>Jumlah Negeri / State Total</b>	<b>5,353</b>	<b>5,133</b>	<b>70.16</b>	<b>334,042</b>	<b>912.68</b>	<b>8,203</b>	<b>3.94</b>	<b>1.67</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>WILAYAH PERSEKUTUAN KUALA LUMPUR</b> Hospital Kuala Lumpur	2,131	2,131	77.60	130,383	356.24	3,068	4.65	1.34
<b>Jumlah Negeri / State Total</b>	<b>2,131</b>	<b>2,131</b>	<b>77.60</b>	<b>130,383</b>	<b>356.24</b>	<b>3,068</b>	<b>4.65</b>	<b>1.34</b>
<b>WILAYAH PERSEKUTUAN PUTRAJAYA</b> Hospital Putrajaya	341	310	100.48	30,254	82.66	361	3.76	-0.02
<b>Jumlah Negeri / State Total</b>	<b>341</b>	<b>310</b>	<b>100.48</b>	<b>30,254</b>	<b>82.66</b>	<b>361</b>	<b>3.76</b>	<b>-0.02</b>
<b>WILAYAH PERSEKUTUAN LABUAN</b> Hospital Labuan	122	122	55.55	8,033	21.95	113	3.09	2.48
<b>Jumlah Negeri / State Total</b>	<b>122</b>	<b>122</b>	<b>55.55</b>	<b>8,033</b>	<b>21.95</b>	<b>113</b>	<b>3.09</b>	<b>2.48</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>NEGERI SEMBILAN</b>								
Hospital Tuanku Jaafar, Seremban	1,070	1,070	76.03	71,359	194.97	1,902	4.18	1.30
Hospital Tuanku Ampuan Najihah, Kuala Pilah	314	314	73.95	23,271	63.58	624	3.65	1.27
Hospital Tampin	108	104	46.52	6,972	19.05	92	2.57	2.95
Hospital Port Dickson	113	113	70.14	9,515	26.00	166	3.04	1.30
Hospital Jelebu	76	76	45.95	3,413	9.33	46	3.76	4.42
Hospital Jempol	108	104	50.75	7,087	19.36	86	2.72	2.64
<b>Jumlah Negeri / State Total</b>	<b>1,789</b>	<b>1,781</b>	<b>70.81</b>	<b>121,617</b>	<b>332.29</b>	<b>2,916</b>	<b>3.80</b>	<b>1.57</b>
<b>MELAKA</b>								
Hospital Melaka	1091	1,091	82.98	77,969	213.03	1,807	4.16	0.84
Hospital Alor Gajah	95	95	66.47	7,499	20.49	67	3.06	1.55
Hospital Jasin	90	90	58.11	5,821	15.90	116	3.28	2.37
<b>Jumlah Negeri / State Total</b>	<b>1,276</b>	<b>1,276</b>	<b>80.00</b>	<b>91,289</b>	<b>249.42</b>	<b>1,990</b>	<b>4.01</b>	<b>1.00</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>JOHOR</b>								
Hospital Sultanah Aminah, JB	1,206	1,206	69.63	82,452	225.28	2,383	3.70	1.61
Hospital Pakar Sultanah Fatimah, Muar	550	550	72.52	42,933	117.30	1,087	3.40	1.29
Hospital Sultanah Nora Ismail, Batu Pahat	516	516	71.70	42,052	114.90	1,128	3.22	1.27
Hospital Segamat	314	314	67.48	25,350	69.26	589	3.06	1.47
Hospital Enche' Besar Hajjah Khalsom, Kluang	268	268	97.68	27,552	75.28	718	3.47	0.08
Hospital Kota Tinggi	158	158	38.85	12,032	32.87	279	1.87	2.94
Hospital Pontian	120	120	61.84	13,046	35.64	213	2.08	1.28
Hospital Mersing	55	55	64.73	4,080	11.15	89	3.19	1.74
Hospital Tangkak	69	69	31.31	4,580	12.51	49	1.72	3.78
Hospital T.S. Maharaja Tun Ibrahim, Kulai	93	93	80.28	16,540	45.19	181	1.65	0.41
Hospital Sultan Ismail, JB	704	659	82.15	52,546	143.57	1,692	3.78	0.82
<b>Jumlah Negeri / State Total</b>	<b>4,053</b>	<b>4,008</b>	<b>72.13</b>	<b>323,163</b>	<b>882.96</b>	<b>8,408</b>	<b>3.27</b>	<b>1.26</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>PAHANG</b>								
Hospital Tengku Ampuan Afzan, Kuantan	851	851	78.21	57,995	158.46	1,455	4.21	1.17
Hospital Pekan	110	110	59.65	8,224	22.47	104	2.92	1.98
Hospital Sultan Haji Ahmad Shah, Temerloh	650	650	67.44	43,734	119.49	1,098	3.66	1.77
Hospital Bentong	152	152	43.97	7,134	19.49	164	3.44	4.38
Hospital Raub	89	89	43.87	6,138	16.77	118	2.32	2.97
Hospital Kuala Lipis	168	168	65.46	10,520	28.74	130	3.81	2.01
Hospital Jerantut	77	77	54.70	6,307	17.23	82	2.45	2.03
Hospital Jengka	70	70	55.20	6,301	17.22	110	2.24	1.82
Hospital Muadzam Shah	49	49	55.14	4,523	12.36	41	2.19	1.78
Hospital Sultanah Hajjah Kalsom, Cameron Highlands	40	40	30.19	1,698	4.64	21	2.60	6.02
Hospital Rompin	60	60	30.40	3,007	8.22	38	2.22	5.07
<b>Jumlah Negeri / State Total</b>	<b>2,316</b>	<b>2,316</b>	<b>65.78</b>	<b>155,581</b>	<b>425.08</b>	<b>3,361</b>	<b>3.59</b>	<b>1.87</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN Total <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN Total Deaths <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>TERENGGANU</b>								
Hospital Sultanah Nur Zahirah, Kuala Terengganu	1,060	937	84.33	86,041	235.08	1,751	3.36	0.62
Hospital Kemaman	150	150	83.68	17,497	47.81	281	2.63	0.51
Hospital Dungun	100	100	49.70	10,666	29.14	107	1.70	1.73
Hospital Besut	140	140	58.65	13,618	37.21	110	2.21	1.56
Hospital Hulu Terengganu	119	119	55.08	8,752	23.91	53	2.74	2.23
Hospital Setiu	76	76	44.84	5,886	16.08	39	2.13	2.62
<b>Jumlah Negeri / State Total</b>	<b>1,645</b>	<b>1,522</b>	<b>75.37</b>	<b>142,460</b>	<b>389.23</b>	<b>2,341</b>	<b>2.95</b>	<b>0.96</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>KELANTAN</b>								
Hospital Raja Perempuan Zainab II, Kota Bharu	937	937	84.30	65,224	178.21	1,699	4.43	0.83
Hospital Kuala Krai	172	172	78.88	14,809	40.46	300	3.35	0.90
Hospital Machang	90	90	76.53	9,405	25.70	82	2.69	0.82
Hospital Tumpat	119	119	60.87	9,169	25.05	137	2.89	1.86
Hospital Pasir Mas	120	120	67.31	12,357	33.76	179	2.39	1.16
Hospital Tanah Merah	133	133	93.95	14,158	38.68	219	3.23	0.21
Hospital Tengku Anis	75	75	52.69	6,999	19.12	89	2.06	1.85
Hospital Gua Musang	90	90	63.82	7,703	21.05	62	2.72	1.54
Hospital Jeli	80	80	45.99	5,135	14.03	58	2.63	3.09
<b>Jumlah Negeri / State Total</b>	<b>1,816</b>	<b>1,816</b>	<b>77.44</b>	<b>144,959</b>	<b>396.06</b>	<b>2,825</b>	<b>3.55</b>	<b>1.03</b>



**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>SABAH</b>								
Hospital Queen Elizabeth	775	464	76.69	18,394	50.26	1,002	7.19	2.19
Hospital Queen Elizabeth II	400	360	74.94	18,078	49.39	510	5.48	1.83
Hospital Duchess of Kent	400	400	64.48	34,511	94.29	702	3.27	1.80
Hospital Tawau	401	401	69.82	26,435	72.23	605	3.87	1.67
Hospital Beaufort	275	184	31.00	6,645	18.16	64	3.14	6.99
Hospital Beluran	52	51	51.23	3,121	8.53	25	3.08	2.93
Hospital Keningau	212	212	88.08	17,529	47.89	345	3.90	0.53
Hospital Kota Belud	172	172	49.37	8,819	24.10	118	3.53	3.62
Hospital Kudat	180	158	46.76	8,676	23.70	59	3.12	3.55
Hospital Lahad Datu	268	244	50.25	12,304	33.62	297	3.60	3.57
Hospital Papar	77	77	49.01	6,293	17.19	75	2.20	2.29
Hospital Ranau	110	110	53.44	8,476	23.16	76	2.53	2.21
Hospital Semporna	70	70	57.04	6,204	16.95	60	2.36	1.77

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>SABAH (SAMB. / Cont'd)</b>								
Hospital Tambunan	49	49	41.52	2,294	6.27	33	3.23	4.55
Hospital Tenom	70	70	39.20	4,145	11.33	41	2.43	3.76
Hospital Sipitang	93	93	19.35	2,643	7.22	39	2.49	10.37
Hospital Kota Marudu	97	97	56.91	7,461	20.39	74	2.73	2.06
Hospital Kinabatangan	68	68	48.73	4,014	10.97	30	3.02	3.18
Hospital Kuala Penyu	48	48	44.27	2,540	6.94	41	3.05	3.85
Hospital Kunak	48	48	49.48	3,202	8.75	27	2.71	2.77
Hospital Pitas	48	48	88.63	4,862	13.28	62	3.21	0.41
Hospital Tuaran	76	76	69.73	7,343	20.06	83	2.62	1.14
<b>Jumlah Negeri / State Total</b>	<b>3,989</b>	<b>3,500</b>	<b>61.31</b>	<b>213,989</b>	<b>584.67</b>	<b>4,368</b>	<b>3.77</b>	<b>2.38</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>SARAWAK</b>								
Hospital Umum Sarawak	977	977	90.23	63,368	173.14	1,680	5.09	0.55
Hospital Sri Aman	96	96	43.98	5,460	14.92	51	2.82	3.60
Hospital Sibu	630	630	67.86	36,599	100.00	916	4.31	2.04
Hospital Miri	345	345	80.56	27,041	73.88	732	3.75	0.91
Hospital Limbang	100	100	27.83	3,650	9.97	78	2.79	7.24
Hospital Sarikei	212	182	54.71	9,247	25.27	279	3.94	3.26
Hospital Kapit	134	134	55.49	6,053	16.54	81	4.50	3.61
Hospital Serian	84	84	41.96	6,014	16.43	63	2.15	2.97
Hospital Lundu	46	46	35.77	2,217	6.06	25	2.71	4.87
Hospital Saratok	106	106	20.74	2,732	7.46	27	2.95	11.26

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>SARAWAK (SAMB. / Cont'd)</b>								
Hospital Mukah	80	80	31.41	3,983	10.88	36	2.31	5.05
Hospital Kanowit	100	100	21.96	2,025	5.53	31	3.98	14.15
Hospital Bintulu	292	292	82.10	21,040	57.49	358	4.16	0.91
Hospital Marudi	54	54	27.46	1,450	3.96	17	3.73	9.86
Hospital Lawas	46	46	35.99	2,530	6.91	46	2.36	4.19
Hospital Bau	68	68	39.58	3,452	9.43	50	2.86	4.37
Hospital Simunjan	42	36	40.63	1,914	5.23	8	2.78	4.07
Hospital Betong	48	48	50.49	3,208	8.77	48	2.75	2.70
Hospital Daro	46	46	20.93	1,533	4.19	11	2.29	8.63
Hospital Rajah Charles Brooke Memorial	20	20	48.24	12	0.03	2	271.62	291.46
Hospital Dalat	8	8	44.74	601	1.64	6	2.18	2.69
Pusat Jantung Sarawak	106	106	35.37	1,960	5.36	88	6.88	12.57
<b>Jumlah Negeri / State Total</b>	<b>3,640</b>	<b>3,604</b>	<b>65.18</b>	<b>206,089</b>	<b>563.08</b>	<b>4,633</b>	<b>4.17</b>	<b>2.23</b>

**JADUAL 4.62. : RINGKASAN KEGUNAAN BAGI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2016 (SAMB.)**

Table 4.62. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2016 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI <i>State/Name of Hospital and Institution</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR PENGGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	JUMLAH KEMASUKAN <i>Total Admissions</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	JUMLAH KEMATIAN <i>Total Deaths</i>	PURATA JANGKAMASA TINGGAL (HARI) <i>Average Length of Stay (Days)</i>	JANGKAMASA KATIL DIKOSONGKAN (HARI) <i>Turnover Interval (Days)</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>						
<b>INSTITUSI PERUBATAN KHAS/ <i>Special Medical Institution</i></b>								
Institut Perubatan Respiratori, Kuala Lumpur	118	118	44.98	2,956	8.08	61	6.53	7.99
Hospital Bahagia, Ulu Kinta, Perak	1,800	1,800	78.69	2,413	6.59	14	213.97	57.93
Hospital Permai, Tampoi, Johor	1,132	1,132	63.36	1,207	3.30	28	212.04	122.62
Pusat Kawalan Kusta Negara, Sg. Buloh, Selangor	90	90	74.34	27	0.07	11	627.90	216.72
Hospital Mesra Bukit Padang, Sabah	302	270	70.58	914	2.50	1	78.89	32.89
Hospital Sentosa, Sarawak	338	338	65.68	656	1.79	4	120.91	63.18
Hospital Wanita & Kanak-Kanak, Likas, Sabah	504	637	63.42	44,292	121.02	265	3.31	1.91
Hospital Rehabilitasi Cheras, Kuala Lumpur	166	124	39.69	1,196	3.27	0	15.26	23.20
Institut Kanser Negara, Putrajaya	252	226	48.31	7,781	21.26	427	5.13	5.49
<b>Jumlah Institusi / Institution Total</b>	<b>4,702</b>	<b>4,735</b>	<b>68.19</b>	<b>61,442</b>	<b>167.87</b>	<b>811</b>	<b>19.11</b>	<b>8.91</b>
<b>MALAYSIA</b>	<b>41,995</b>	<b>40,866</b>	<b>70.13</b>	<b>2,571,880</b>	<b>7,026.99</b>	<b>60,274</b>	<b>4.07</b>	<b>1.73</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.63. : LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH MENGIKUT NEGERI, MALAYSIA, 2016**

Table 4.63. : Coverage of School Children Treated Under Oral Health Care and Percentage Given All the Required Oral Health Treatment by State, Malaysia, 2016

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 (%)
Perlis	43,901	43,737	99.63	42,650	97.15
Kedah	343,622	342,641	99.71	334,292	97.28
Pulau Pinang	237,944	236,878	99.55	229,714	96.54
Perak	389,937	388,392	99.60	382,001	97.96
Selangor	876,027	831,944	94.97	810,462	92.52
W.P. Kuala Lumpur	221,065	217,455	98.37	213,994	96.80
W.P. Putrajaya	20,750	20,693	99.73	20,285	97.76
W.P. Labuan	14,009	13,881	99.09	13,605	97.12
Negeri Sembilan	189,214	187,493	99.09	184,641	97.58
Melaka	146,741	145,955	99.46	142,837	97.34
Johor	582,851	577,704	99.12	568,231	97.49
Pahang	261,270	259,763	99.42	253,165	96.90
Terengganu	228,776	225,784	98.69	219,092	95.77
Kelantan	327,720	318,555	97.20	298,919	91.21
Sabah	453,137	408,215	90.09	368,145	81.24
Sarawak	435,474	365,158	83.85	335,674	77.08
<b>MALAYSIA</b>	<b>4,772,438</b>	<b>4,584,248</b>	<b>96.06</b>	<b>4,417,707</b>	<b>92.57</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

