



ISSN 1511-4589  
MOH/S/RAN/54.13(TR)

# PETUNJUK KESIHATAN *HEALTH INDICATORS* 2013

PETUNJUK BAGI PEMANTAUAN DAN  
PENILAIAN STRATEGI *HEALTH FOR ALL*

*Indicators For Monitoring And Evaluation of  
Strategy Health For All*

PUSAT INFORMATIK KESIHATAN  
BAHAGIAN PERANCANGAN  
KEMENTERIAN KESIHATAN MALAYSIA

## Kandungan / Content

1. VISI KESIHATAN & MISI KEMENTERIAN KESIHATAN <i>Vision for Health &amp; Mission of Ministry of Health</i>	4
2. TERAS KEEMPAT RANCANGAN MALAYSIA KE10 (RMKe-10) <i>Thrust Four of 10th Malaysia Plan (10MP)</i>	6
3. PENDAHULUAN <i>Introduction</i>	8
4. NOTA KETERANGAN <i>Explanatory Notes</i>	14
5. SENARAI JADUAL: <i>List of Tables:</i>	19
i. PETUNJUK TAHAP PEMBANGUNAN SOSIAL DAN SOSIO-EKONOMI <i>Social and Socio-Economic Development Status Indicators</i>	37
ii. PETUNJUK TAHAP KESIHATAN <i>Health Status Indicators</i>	49
iii. PETUNJUK MASALAH KESIHATAN KHUSUS <i>Specific Health Problem Indicators</i>	63
iv. PETUNJUK KEMAJUAN PERKHIDMATAN KESIHATAN <i>Health Services Improvement Indicators</i>	125

## **VISI KESIHATAN**

Negara menggembangkan 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*

## **TERAS KEEMPAT RANCANGAN MALAYSIA KE 10 (RMKe-10) : UNTUK MENINGKATKAN TAHAP DAN KEMAMPANAN KUALITI HIDUP**

### **Mentransformasikan Penjagaan Kesihatan Untuk Meningkatkan Kualiti Dan Menyedia Akses Sejagat**

Memastikan kesihatan dan kesejahteraan Rakyat adalah perlu untuk mencapai Wawasan 2020 sejajar dengan Teras Misi Nasional khasnya Teras Empat iaitu ‘Untuk Meningkatkan Tahap dan Kemampanan Kualiti Hidup’. Dengan bermulanya pelaksanaan RMKe-10 pada tahun 2011, Kerajaan Malaysia bercadang untuk membuat pembaharuan sistem penyampaian penjagaan kesihatan kita dengan memberi tumpuan kepada empat bidang utama :

- Mentransformasi sistem penyampaian penjagaan kesihatan;
- Mempertingkat kualiti, keupayaan dan liputan infrastruktur penjagaan kesihatan;
- Peralihan ke arah kesejahteraan dan pencegahan penyakit; dan
- Mempertingkat kualiti modal insan di sektor kesihatan.

**THRUST FOUR OF 10MP :  
TO IMPROVE THE STANDARD AND SUSTAINABILITY OF QUALITY OF LIFE**

***Transforming Healthcare To Improve  
Quality And Provide Universal Access***

*Ensuring the health and well-being of the Rakyat is essential for the achievements of Vision 2020 in line with the National Missions Thrust in particular Thrust Four which is 'To improve the standard and sustainability of quality of life'. With the commencement of the 10th Malaysia Plan in 2011, the Government of Malaysia plans to reform the healthcare delivery system with a focus on four key areas :*

- *Transforming delivery of the healthcare system;*
- *Increasing quality, capacity and coverage of the healthcare infrastructure;*
- *Shifting towards wellness and disease prevention, rather than treatment; and*
- *Increasing the quality of human resource for health.*

## **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-29 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 kesesuaianya 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, jantina dan kawasan bandar/luar bandar.

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 29th 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 CFM was carried out in 1982 followed by a CFE in 1985. The second CFM was 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, sex and rural & urban dichotomy.*

*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 2011 merujuk kepada anggaran penduduk pertengahan tahun berasaskan data Banci Penduduk Dan Perumahan Malaysia 2010 yang telah disesuaikan untuk kurang penghitungan.

### 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 1 Institusi Kusta, 1 Institusi Respiratori, 4 Institusi Psikiatri, 1 Hospital Rehabilitasi dan 1 Hospital Wanita dan Kanak-Kanak

**4. Liputan imunisasi**

Pengiraan liputan bagi beberapa imunisasi yang terdapat dalam laporan ini menggunakan 2 denominator yang berlainan:

- i. Anggaran 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 : Angka 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 for 2011 refers to mid year population estimate based on the Population And Housing Census of Malaysia 2010, adjusted for under enumeration.*

### **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 1 Leprosy Institution, 1 Respiratory Institution, 4 Psychiatrics Institutions, 1 Rehabilitation Hospital and 1 Women & Children Hospital

**4. Immunisation coverage**

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

- i. Estimated 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 figure

e : Estimates

n.a. : Not available/Not applicable

DOSM : Department of Statistics, Malaysia

TBIS : National Tuberculosis Information System

W.P. : Wilayah Persekutuan

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <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> <i>Table 1.1.</i>	<b>ENROLMENT PERINGKAT RENDAH (TAHUN 1 HINGGA 6) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2012</b> <i>Enrolment at Primary Level (Year 1 to 6) in Government and Government-Aided Schools by Sex and State, Malaysia as of 30th June 2012</i>	39
<b>JADUAL 1.2.</b> <i>Table 1.2.</i>	<b>ENROLMENT PERINGKAT MENENGAH RENDAH (TINGKATAN 3) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2012</b> <i>Enrolment at Lower Secondary Level (Form 3) in Government and Government Aided School by Sex and State, Malaysia as of 30th June 2012</i>	40
<b>JADUAL 1.3.</b> <i>Table 1.3.</i>	<b>ENROLMENT PERINGKAT MENENGAH ATAS (TINGKATAN 5) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2012</b> <i>Enrolment at Upper Secondary Level (Form 5) in Government and Government-Aided School by Sex and State, Malaysia as of 30th June 2012</i>	41
<b>JADUAL 1.4.</b> <i>Table 1.4.</i>	<b>KELUARAN DALAM NEGERI KASAR, PENDAPATAN NEGARA KASAR DAN ANGGARAN PENDUDUK, MALAYSIA, 2012</b> <i>Gross Domestic Product, Gross National Income and Estimated Population, Malaysia 2012</i>	42
<b>JADUAL 1.5.</b> <i>Table 1.5.</i>	<b>KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2010, 2011 DAN 2012</b> <i>Annual Population Growth Rate, Malaysia, 2010, 2011 and 2012</i>	43
<b>JADUAL 1.6.</b> <i>Table 1.6.</i>	<b>PENDUDUK MENGIKUT JANTINA, STRATA DAN NEGERI, MALAYSIA, 2012</b> <i>Population by Sex, Strata and State, Malaysia, 2012</i>	44

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <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, 2012</b> <i>Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2012</i>	45
<b>JADUAL 1.8.</b> <i>Table 1.8.</i>	<b>KADAR LITERASI PENDUDUK MENGIKUT TAHAP UMUR DAN JANTINA, MALAYSIA, 2008 - 2012</b> <i>Literacy Rate of Population by Age and State, Malaysia, 2008 - 2012</i>	46
<b>JADUAL 1.9.</b> <i>Table 1.9.</i>	<b>JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2008 - 2012</b> <i>Life Expectancy at Birth by Sex, Malaysia, 2008 - 2012</i>	47
<b>JADUAL 1.10.</b> <i>Table 1.10.</i>	<b>KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN BAGI MALAYSIA, 2007 - 2011</b> <i>Live Births by Birth Weight, Malaysia, 2007 - 2011</i>	48

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <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, 2010 - 2011</b> <i>Perinatal Deaths (Number and Rate) by State and Sex, Malaysia, 2010 - 2011</i>	51
<b>JADUAL 2.2.</b> <i>Table 2.2.</i>	<b>KELAHIRAN MATI (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2010 - 2011</b> <i>Stillbirths (Number and Rate) by State and Sex, Malaysia, 2010 - 2011</i>	52
<b>JADUAL 2.3.</b> <i>Table 2.3.</i>	<b>KEMATIAN NEONATAL (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2010 - 2011</b> <i>Neonatal Deaths (Number and Rate) by State and Sex, Malaysia, 2010 - 2011</i>	53
<b>JADUAL 2.4.</b> <i>Table 2.4.</i>	<b>KEMATIAN BAYI (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2010 - 2011</b> <i>Infant Deaths (Number and Rate) by State and Sex, Malaysia, 2010 - 2011</i>	54
<b>JADUAL 2.5.</b> <i>Table 2.5.</i>	<b>KEMATIAN KANAK-KANAK (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2010 - 2011</b> <i>Toddler Deaths (Number and Rate) by State and Sex, Malaysia, 2010 - 2011</i>	55
<b>JADUAL 2.6.</b> <i>Table 2.6.</i>	<b>KEMATIAN DI BAWAH 5 TAHUN (BILANGAN DAN KADAR) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2010 - 2011</b> <i>Under-5 Deaths (Number and Rate) by State and Sex, Malaysia, 2010 - 2011</i>	56

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 2.7.</b> KEMATIAN IBU BERSALIN (BILANGAN DAN NISBAH) MENGIKUT NEGERI, MALAYSIA, 2010 - 2011 <i>Table 2.7.</i> Maternal Deaths (Number and Ratio) by State, Malaysia, 2010 - 2011		57
<b>JADUAL 2.8.</b> KEMATIAN (BILANGAN DAN KADAR) MENGIKUT KUMPULAN UMUR TERTENTU, MALAYSIA, 2010 - 2011 <i>Table 2.8.</i> Deaths (Number and Rate) by Specific Age Groups, Malaysia, 2010 - 2011		58
<b>JADUAL 2.9.</b> KEMATIAN DAN KADAR KEMATIAN KASAR MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2010 - 2011 <i>Table 2.9.</i> Deaths and Crude Death Rate by State and Sex, Malaysia, 2010 - 2011		59
<b>JADUAL 2.10.</b> KELAHIRAN HIDUP DAN KADAR KELAHIRAN KASAR MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2010 - 2011 <i>Table 2.10.</i> Live Births and Crude Birth Rate by State and Sex, Malaysia, 2010 - 2011		60
<b>JADUAL 2.11.</b> KADAR KESUBURAN JUMLAH, MALAYSIA, 2007 - 2011 <i>Table 2.11.</i> Total Fertility Rate, Malaysia, 2007 - 2011		61
<b>JADUAL 2.12.</b> KADAR TIDAK HADIR KERJA DI INDUSTRI-INDUSTRI DISEBABKAN OLEH KESAKITAN ATAU KECEDERAAN, MALAYSIA, 2012 <i>Table 2.12.</i> Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2012		62

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, 2012</b> <i>Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012</i>	65
<b>JADUAL 3.2.</b> <i>Table 3.2.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: DISEASES OF THE CIRCULATORY SYSTEM</b> <i>Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Circulatory System</i>	75
<b>JADUAL 3.3.</b> <i>Table 3.3.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: NEOPLASMS</b> <i>Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Neoplasms</i>	77
<b>JADUAL 3.4.</b> <i>Table 3.4.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b> <i>Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Endocrine, Nutritional and Metabolic Diseases</i>	80
<b>JADUAL 3.5.</b> <i>Table 3.5.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: DISEASES OF THE RESPIRATORY SYSTEM</b> <i>Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Respiratory System</i>	81
<b>JADUAL 3.6.</b> <i>Table 3.6.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: DISEASES OF THE DIGESTIVE SYSTEM</b> <i>Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Digestive System</i>	84

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 3.7.</b> <i>Table 3.7.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: DISEASES OF THE GENITOURINARY SYSTEM</b> <i>Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Genitourinary System</i>	86
<b>JADUAL 3.8.</b> <i>Table 3.8.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD</b> <i>Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Certain Conditions Originating in the Perinatal Period</i>	88
<b>JADUAL 3.9.</b> <i>Table 3.9.</i>	<b>BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> <i>Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: External Causes of Morbidity and Mortality</i>	90
<b>JADUAL 3.10.</b> <i>Table 3.10.</i>	<b>KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2008 - 2012</b> <i>Incidence Rate of Motor Vehicle Accidents, Malaysia, 2008 - 2012</i>	93
<b>JADUAL 3.11.</b> <i>Table 3.11.</i>	<b>KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2012</b> <i>Incidence Rate of Industrial Accidents, Malaysia, 2012</i>	94
<b>JADUAL 3.12.</b> <i>Table 3.12.</i>	<b>BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012</i>	95
<b>JADUAL 3.13.</b> <i>Table 3.13.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: DISEASES OF THE CIRCULATORY SYSTEM</b> <i>Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Circulatory System</i>	103

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 3.14.</b> <i>Table 3.14.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: NEOPLASMS</b> <i>Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Neoplasms</i>	105
<b>JADUAL 3.15.</b> <i>Table 3.15.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b> <i>Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Endocrine, Nutritional and Metabolic Diseases</i>	108
<b>JADUAL 3.16.</b> <i>Table 3.16.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: DISEASES OF THE RESPIRATORY SYSTEM</b> <i>Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Respiratory System</i>	109
<b>JADUAL 3.17.</b> <i>Table 3.17.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: DISEASES OF THE DIGESTIVE SYSTEM</b> <i>Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Digestive System</i>	112
<b>JADUAL 3.18.</b> <i>Table 3.18.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: DISEASES OF THE GENITOURINARY SYSTEM</b> <i>Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Genitourinary System</i>	114
<b>JADUAL 3.19.</b> <i>Table 3.19.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD</b> <i>Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Certain Conditions Originating in the Perinatal Period</i>	116

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 3.20.</b> <i>Table 3.20.</i>	<b>BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012: EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> <i>Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: External Causes of Morbidity and Mortality</i>	118
<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 2012</b> <i>Number and Percentage of Orally Fit Primary and Secondary School Children by State, Malaysia 2012</i>	121
<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, 2012</b> <i>Dental Caries Status: Number of 12 Years Old School Children With M+X=0 by State, Malaysia, 2012</i>	122
<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 2012</b> <i>Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX=0) by State, Malaysia 2012</i>	123

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <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 2012</b> <i>Distribution of Hospitals and Official Beds Strength in Public Sector by State, Malaysia as at 31 December 2012</i>	127
<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 2012</b> <i>Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2012</i>	128
<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 2012</b> <i>Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2012</i>	130
<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 2012</b> <i>Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2012</i>	131
<b>JADUAL 4.5.</b> <i>Table 4.5.</i>	<b>10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012</b> <i>10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia 2012</i>	133
<b>JADUAL 4.6.</b> <i>Table 4.6.</i>	<b>10 SEBAB UTAMA KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012</b> <i>10 Principal Causes of Death in Ministry of Health Hospitals, Malaysia, 2012</i>	134

JADUAL  Table	SENARAI JADUAL  List of Tables	MUKA SURAT  Page
JADUAL 4.7.  Table 4.7.	<b>10 SEBAB UTAMA KEMASUKAN DI HOSPITAL SWASTA, MALAYSIA, 2012</b>  <i>10 Principal Causes of Hospitalisation in Private Hospitals, Malaysia, 2012</i>	135
JADUAL 4.8.  Table 4.8.	<b>10 SEBAB UTAMA KEMATIAN DI HOSPITAL SWASTA, MALAYSIA 2012,</b>  <i>10 Principal Causes of Death in Private Hospitals, Malaysia, 2012</i>	136
JADUAL 4.9.  Table 4.9	<b>10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA DAN SWASTA, MALAYSIA 2012</b>  <i>10 Principal Causes of Hospitalisation in Ministry of Health and Private Hospitals, Malaysia 2012</i>	137
JADUAL 4.10.  Table 4.10	<b>10 SEBAB UTAMA KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA DAN SWASTA, MALAYSIA 2012</b>  <i>10 Principal Causes of Death in Ministry of Health and Private Hospitals, Malaysia 2012</i>	138
JADUAL 4.11.  Table 4.11	<b>KADAR KES KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2008 - 2012</b>  <i>Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2008 - 2012</i>	139
JADUAL 4.12.  Table 4.12.	<b>BILANGAN KEMASUKAN MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2012</b>  <i>Number of Admissions by Sector and State, Malaysia, 2012</i>	140
JADUAL 4.13.  Table 4.13.	<b>BILANGAN KEDATANGAN PESAKIT LUAR MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2012</b>  <i>Number of Outpatient Attendances by Sector and State, Malaysia, 2012</i>	141
JADUAL 4.14.  Table 4.14.	<b>BILANGAN KEDATANGAN PERKHIDMATAN RAWATAN HARIAN DAN SOKONGAN KLINIKAL DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA MENGIKUT NEGERI, MALAYSIA, 2012</b>  <i>Number of Day Care and Clinical Support Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2012</i>	142

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
JADUAL 4.15. <i>Table 4.15.</i>	BILANGAN KEDATANGAN KESIHATAN IBU DAN ANAK MENGIKUT NEGERI, MALAYSIA, 2012 <i>Number of Ante-natal and Child Health Attendances by State, Malaysia, 2012</i>	143
JADUAL 4.16. <i>Table 4.16.</i>	LIPUTAN SEKOLAH OLEH PERKHIDMATAN KESIHATAN MENGIKUT NEGERI, MALAYSIA, 2012 <i>School Coverage by Health Services by State, Malaysia, 2012</i>	144
JADUAL 4.17. <i>Table 4.17.</i>	BILANGAN KEDATANGAN KESIHATAN PERGIGIAN MENGIKUT NEGERI, MALAYSIA, 2012 <i>Number of Dental Health Attendances by State, Malaysia, 2012</i>	145
JADUAL 4.18. <i>Table 4.18.</i>	INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2013 <i>Index of Health Legislation in Malaysia, Up to 2013</i>	146
JADUAL 4.19. <i>Table 4.19.</i>	BILANGAN DOKTOR MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012 <i>Number of Doctors by State, Sector and Ratio of Doctor to Population, Malaysia as at 31 December 2012</i>	149
JADUAL 4.20. <i>Table 4.20.</i>	BILANGAN DOKTOR GIGI MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR GIGI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012 <i>Number of Dentists by State, Sector and Ratio of Dentist to Population, Malaysia as at 31 December 2012</i>	150
JADUAL 4.21. <i>Table 4.21.</i>	BILANGAN AHLI FARMASI MENGIKUT NEGERI, SEKTOR DAN NISBAH AHLI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012 <i>Number of Pharmacists by State, Sector and Ratio of Pharmacist to Population, Malaysia as at 31 December 2012</i>	151

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 4.22.</b> <i>Table 4.22.</i>	<b>BILANGAN JURUOPTIK BERDAFTAR DI SEKTOR SWASTA MENGIKUT NEGERI DAN NISBAH JURUOPTIK KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Registered Opticians in Private Sector by State and Ratio of Optician to Population, Malaysia as at 31 December 2012</i>	152
<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 2012</b> <i>Number of Registered Optometrists by State, Sector and Ratio of Optometrist to Population, Malaysia as at 31 December 2012</i>	153
<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 2012</b> <i>Number of Nurses by State, Sector and Ratio of Nurse to Population, Malaysia as at 31 December 2012</i>	154
<b>JADUAL 4.25.</b> <i>Table 4.25.</i>	<b>BILANGAN JURURAWAT MASYARAKAT DAN BIDAN BAHAGIAN II MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Community Nurses and Midwives Division II by State, Sector and Ratio to Population, Malaysia as at 31 December 2012</i>	155
<b>JADUAL 4.26.</b> <i>Table 4.26.</i>	<b>BILANGAN PENOLONG JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG JURURAWAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Assistant Nurses by State, Sector and Ratio of Assistant Nurse to Population, Malaysia as at 31 December 2012</i>	156
<b>JADUAL 4.27.</b> <i>Table 4.27</i>	<b>BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia as at 31 December 2012</i>	157

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 4.28.</b> <i>Table 4.28.</i>	<b>BILANGAN PENOLONG PEGAWAI FARMASI MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Pharmacy Assistants by State, Sector and Ratio of Pharmacy Assistants to Population, Malaysia as at 31 December 2012</i>	158
<b>JADUAL 4.29.</b> <i>Table 4.29.</i>	<b>BILANGAN JURURAWAT PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURURAWAT PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Dental Nurses in Public Sector by State and Ratio of Dental Nurse to Population, Malaysia as at 31 December 2012</i>	159
<b>JADUAL 4.30.</b> <i>Table 4.30.</i>	<b>BILANGAN JURUTEKNOLOGI PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH JURUTEKNIK PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Dental Technologists by State, Sector and Ratio of Dental Technologist to Population, Malaysia as at 31 December 2012</i>	160
<b>JADUAL 4.31.</b> <i>Table 4.31.</i>	<b>BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Dental Surgery Assistants by State, Sector and Ratio of Dental Surgery Assistant to Population, Malaysia as at 31 December 2012</i>	161
<b>JADUAL 4.32.</b> <i>Table 4.32.</i>	<b>BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Assistant Environmental Health Officers in Public Sector by State and Ratio of Assistant Environmental Health Officer to Population, Malaysia as at 31 December 2012</i>	162

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 4.33.</b> Table 4.33.	<b>BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Medical Laboratory Technologists in Public Sector by State and Ratio of Medical Laboratory Technologist to Population, Malaysia as at 31 December 2012</i>	163
<b>JADUAL 4.34.</b> Table 4.34.	<b>BILANGAN JURU X-RAY (DIAGNOSTIK &amp; TERAPI) MENGIKUT NEGERI, SEKTOR DAN NISBAH JURU X-RAY KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Radiographers (Diagnostic &amp; Therapy) by State, Sector and Ratio of Radiographer to Population, Malaysia as at 31 December 2012</i>	164
<b>JADUAL 4.35.</b> Table 4.35.	<b>BILANGAN JURUPULIH PERUBATAN ANGGOTA MENGIKUT NEGERI DAN NISBAH JURUPULIH PERUBATAN ANGGOTA KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Physiotherapists by State and Ratio of Physiotherapist to Population, Malaysia as at 31 December 2012</i>	165
<b>JADUAL 4.36.</b> Table 4.36.	<b>BILANGAN JURUPULIH PERUBATAN CARAKERJA DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUPULIH CARAKERJA KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012</b> <i>Number of Occupational Therapists in Public Sector by State and Ratio of Occupational Therapist to Population, Malaysia as at 31 December 2012</i>	166
<b>JADUAL 4.37.</b> Table 4.37.	<b>JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN PRA PERKHIDMATAN MENGIKUT PROGRAM DI INSTITUSI LATIHAN KEMENTERIAN KESIHATAN MALAYSIA (ILKKM), 2012</b> <i>Total Intake of Trainees for Pre-Service Training Program by Disciplines in the Training Institutions of Ministry of Health Malaysia, 2012</i>	167

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 4.38.</b> <i>Table 4.38.</i>	<b>NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2012</b> <i>Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2012</i>	168
<b>JADUAL 4.39.</b> <i>Table 4.39.</i>	<b>PERUNTUKAN BELANJA MENGURUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM, MALAYSIA, 2012</b> <i>Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2012</i>	169
<b>JADUAL 4.40.</b> <i>Table 4.40.</i>	<b>PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK, MALAYSIA, 2012</b> <i>Actual Development Allocation and Expenditure by Project Details, Malaysia, 2012</i>	170
<b>JADUAL 4.41.</b> <i>Table 4.41.</i>	<b>PERATUS PERUNTUKAN BELANJAWAN KESIHATAN KEPADA BELANJAWAN NEGARA, MALAYSIA, 2012</b> <i>Percentage of Health Budget Allocation to National Budget, Malaysia, 2012</i>	171
<b>JADUAL 4.42.</b> <i>Table 4.42.</i>	<b>NISBAH PENDAPATAN NEGARA KASAR (PNK) BAGI KESIHATAN, MALAYSIA, 2012</b> <i>Proportion of Gross National Income (GNI) for Health, Malaysia, 2012</i>	172
<b>JADUAL 4.43.</b> <i>Table 4.43.</i>	<b>LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>BCG Coverage for Infants by State, Malaysia, 2012</i>	173
<b>JADUAL 4.44.</b> <i>Table 4.44.</i>	<b>LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA DAN DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Polio Immunisation Coverage of Infants (1st Dose and 3rd Dose) by State, Malaysia, 2012</i>	174

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 4.45.</b> <i>Table 4.45.</i>	<b>LIPUTAN DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 – 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Coverage of Children Aged 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2012</i>	175
<b>JADUAL 4.46.</b> <i>Table 4.46.</i>	<b>LIPUTAN PELALIAN DOS SEMULA POLIO BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Polio Immunisation Coverage of Booster Dose for Standard 1 School Children by State, Malaysia, 2012</i>	176
<b>JADUAL 4.47.</b> <i>Table 4.47.</i>	<b>LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertusis (1st and Completion Dose) by State, Malaysia, 2012</i>	177
<b>JADUAL 4.48.</b> <i>Table 4.48.</i>	<b>LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA) BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2012</i>	178
<b>JADUAL 4.49.</b> <i>Table 4.49.</i>	<b>LIPUTAN PELALIAN DOS SEMULA DOUBLE ANTIGEN BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Coverage of Standard 1 School Children For Booster Dose Double Antigen by State, Malaysia, 2012</i>	179
<b>JADUAL 4.50.</b> <i>Table 4.50.</i>	<b>LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2012</i>	180
<b>JADUAL 4.51.</b> <i>Table 4.51.</i>	<b>LIPUTAN PELALIAN MEASLES UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Immunisation Coverage of Infants for Measles by State, Malaysia, 2012</i>	182

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 4.52.</b> <i>Table 4.52.</i>	<b>LIPUTAN PELALIAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 HINGGA &lt; 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Immunisation Coverage of MMR (Mump, Measles And Rubella) for Children Aged 1 to &lt; 2 Years by State, Malaysia, 2012</i>	183
<b>JADUAL 4.53.</b> <i>Table 4.53.</i>	<b>LIPUTAN PELALIAN HPV (HUMAN PAPILLOMA VIRUS) (DOS PERTAMA DAN DOS KETIGA) BAGI PEREMPUAN BERUMUR 13 TAHUN MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Immunisation Coverage of Female Aged 13 Years for HPV (Human Papilloma Virus) (1st and 3rd Dose) by State, Malaysia, 2012</i>	184
<b>JADUAL 4.54.</b> <i>Table 4.54.</i>	<b>LIPUTAN IBU-IBU MENGANDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Coverage of Ante-natal Mothers (1st Visit) by State, Malaysia, 2012</i>	185
<b>JADUAL 4.55.</b> <i>Table 4.55.</i>	<b>LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID (MENGGUNAKAN DENOMINATOR ANGGARAN IBU MENGANDUNG) MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Coverage of Ante-natal Mothers for Tetanus Toxoid (using Estimated Pregnant Mothers as Denominator) by State, Malaysia, 2012</i>	186
<b>JADUAL 4.56.</b> <i>Table 4.56.</i>	<b>LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID (MENGGUNAKAN DENOMINATOR KELAHIRAN HIDUP) MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Coverage of Ante-natal Mothers for Tetanus Toxoid (using Live Births as Denominator) by State, Malaysia, 2012</i>	187
<b>JADUAL 4.57.</b> <i>Table 4.57.</i>	<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2012</b> <i>Deliveries Attended by Trained Personel, Malaysia, 2012</i>	188
<b>JADUAL 4.58.</b> <i>Table 4.58.</i>	<b>BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2007-2011</b> <i>Number of New Family Planning Acceptors by Type of Methods, Malaysia 2007-2011</i>	189

JADUAL <i>Table</i>	SENARAI JADUAL <i>List of Tables</i>	MUKA SURAT <i>Page</i>
<b>JADUAL 4.59.</b> <i>Table 4.59.</i>	<b>LIPUTAN RUMAH DI KAWASAN LUAR BANDAR DENGAN SISTEM BEKALAN AIR SELAMAT MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2012</b> <i>Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as at 31 December, 2012</i>	190
<b>JADUAL 4.60.</b> <i>Table 4.60.</i>	<b>LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MEMPUNYAI TANDAS SEMPURNA MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2012</b> <i>Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as at 31 December, 2012</i>	191
<b>JADUAL 4.61.</b> <i>Table 4.61.</i>	<b>LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PERLIMBAHAN MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2012</b> <i>Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as at 31 December, 2012</i>	192
<b>JADUAL 4.62.</b> <i>Table 4.62.</i>	<b>LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PELUPUSAN SISA PEPEJAL MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2012</b> <i>Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as at 31 December, 2012</i>	193
<b>JADUAL 4.63.</b> <i>Table 4.63</i>	<b>RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012</b> <i>Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012</i>	194
<b>JADUAL 4.64.</b> <i>Table 4.64.</i>	<b>LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH MENGIKUT NEGERI, MALAYSIA, 2012</b> <i>Coverage of School Children Treated Under Oral Health Care and Percentage Given All Required Oral Health Treatment by State, Malaysia, 2012</i>	209

# 1

PETUNJUK TAHAP PEMBANGUNAN SOSIAL  
DAN SOSIO-EKONOMI

*Social and Socio-Economic Development  
Status Indicators*



**JADUAL 1.1. : ENROLMENT PERINGKAT RENDAH (TAHUN 1 HINGGA 6) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2012**

Table 1.1. : *Enrolment at Primary Level (Year 1 to 6) in Government and Government-Aided Schools by Sex and State, Malaysia as of 30th June 2012*

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	12,308	11,803	24,111
Kedah	106,346	101,508	207,854
Pulau Pinang	72,614	69,175	141,789
Perak	116,170	110,942	227,112
Selangor	268,452	252,679	521,131
W.P. Kuala Lumpur	68,836	65,708	134,544
W.P. Putrajaya	4,694	4,497	9,191
W.P. Labuan	3,992	3,761	7,753
Negeri Sembilan	54,691	51,748	106,439
Melaka	43,404	40,921	84,325
Johor	177,192	166,928	344,120
Pahang	78,972	74,153	153,125
Terengganu	65,755	62,368	128,123
Kelantan	97,527	93,349	190,876
Sabah	139,660	131,448	271,108
Sarawak	134,290	125,373	259,663
<b>MALAYSIA</b>	<b>1,444,903</b>	<b>1,366,361</b>	<b>2,811,264</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 4-6 di Sekolah Model Khas dan Sekolah Sukan

*Including enrolment in Year 4-6 in Special Model Schools and Sports Schools*

Punca: Kementerian Pelajaran Malaysia

Source: Ministry of Education Malaysia

**JADUAL 1.2. : ENROLMENT PERINGKAT MENENGAH RENDAH (TINGKATAN 3) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2012**

Table 1.2. : *Enrolment at Lower Secondary Level (Form 3) in Government and Government Aided School by Sex and State, Malaysia as of 30th June 2012*

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	2,159	2,169	4,328
Kedah	17,642	17,818	35,460
Pulau Pinang	11,958	11,949	23,907
Perak	20,545	20,490	41,035
Selangor	39,602	39,508	79,110
W.P. Kuala Lumpur	10,506	10,455	20,961
W.P. Putrajaya	727	573	1,300
W.P. Labuan	559	564	1,123
Negeri Sembilan	9,208	9,038	18,246
Melaka	7,134	7,184	14,318
Johor	26,512	26,680	53,192
Pahang	11,607	11,474	23,081
Terengganu	10,963	11,135	22,098
Kelantan	14,528	14,640	29,168
Sabah	19,326	19,424	38,750
Sarawak	19,797	20,008	39,805
<b>MALAYSIA</b>	<b>222,773</b>	<b>223,109</b>	<b>445,882</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 dan Sekolah Seni  
*Including enrolment in Special Model Schools, Sports Schools and Art Schools*

Punca: Kementerian Pelajaran Malaysia  
Source: Ministry of Education Malaysia

**JADUAL 1.3. : ENROLMENT PERINGKAT MENENGAH ATAS (TINGKATAN 5) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2012**

Table 1.3. : Enrolment at Upper Secondary Level (Form 5) in Government and Government-Aided School by Sex and State, Malaysia as of 30th June 2012

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	2,308	2,258	4,566
Kedah	15,687	17,169	32,856
Pulau Pinang	10,689	11,038	21,727
Perak	19,602	20,088	39,690
Selangor	34,255	35,946	70,201
W.P. Kuala Lumpur	9,954	10,532	20,486
W.P. Putrajaya	638	526	1,164
W.P. Labuan	574	522	1,096
Negeri Sembilan	8,853	8,857	17,710
Melaka	6,454	6,816	13,270
Johor	23,973	25,621	49,594
Pahang	11,211	11,504	22,715
Terengganu	10,408	10,942	21,350
Kelantan	13,625	14,557	28,182
Sabah	16,518	17,620	34,138
Sarawak	17,126	18,267	35,393
<b>MALAYSIA</b>	<b>201,875</b>	<b>212,263</b>	<b>414,138</b>

Nota>Note:

Termasuk enrolmen Sekolah Model Khas, Sekolah Sukan dan Sekolah Seni  
*Including enrolment in Special Model Schools, Sports Schools and Art Schools*

Punca: Kementerian Pelajaran Malaysia

Source: Ministry of Education Malaysia

**JADUAL 1.4. : KELUARAN DALAM NEGERI KASAR, PENDAPATAN NEGARA KASAR DAN ANGGARAN PENDUDUK, MALAYSIA, 2012<sup>e</sup>**  
 Table 1.4. : *Gross Domestic Product, Gross National Income and Estimated Population, Malaysia 2012<sup>e</sup>*

Keluaran Dalam Negeri Kasar (Harga Malar 2005) (Dalam Juta) <i>Gross Domestic Product (Constant 2005 prices) (In million)</i>	RM 743,543
Per Kapita KDNK (Harga Malar 2005) <i>Per Capita GDP (Constant 2005 prices)</i>	RM 25,345
Pendapatan Negara Kasar (Harga Semasa) (Dalam Juta) <i>Gross National income (Current prices)</i>	RM 908,154
Pendapatan Per Kapita (Harga Semasa) <i>Per Capita Income (Current prices)</i>	RM 30,956
Anggaran Penduduk (Dalam Juta) <i>Estimated Population (In Million)</i>	29.34

Punca: Jadual Perangkaan Laporan Ekonomi 2012/2013, Kementerian Kewangan Malaysia

Source: *Statistical Tables Economic Report 2012/2013, Ministry of Finance Malaysia*

**JADUAL 1.5. : KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2010, 2011 DAN 2012**

Table 1.5. : Annual Population Growth Rate, Malaysia, 2010, 2011 and 2012

TAHUN <i>Year</i>	JUMLAH <i>Total</i>	LELAKI <i>Male</i>	PEREMPUAN <i>Female</i>
2010	1.8	1.9	1.7
2011	1.3	1.2	1.4
2012	1.3	1.2	1.3

Punca: Jabatan Perangkaan Malaysia

Source: Department of Statistics, Malaysia

**JADUAL 1.6. : PENDUDUK MENGIKUT JANTINA, STRATA DAN NEGERI, MALAYSIA, 2012<sup>p</sup>**

Table 1.6. : Population by Sex, Strata and State, Malaysia, 2012<sup>p</sup>

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	239.4	117.8	121.6	131.1	54.76	108.3	45.24
Kedah	1,996.8	1,008.5	988.3	1,320.4	66.13	676.4	33.87
Pulau Pinang	1,611.1	807.9	803.2	1,485.3	92.19	125.7	7.80
Perak	2,416.7	1,221.7	1,195.0	1,733.8	71.74	683.0	28.26
Selangor	5,650.8	2,926.6	2,724.2	5,199.1	92.00	451.8	8.00
W.P. Kuala Lumpur	1,713.4	873.5	839.8	1,713.4	100.00	-	-
W.P. Putrajaya	79.4	37.2	42.2	79.4	100.00	-	-
W.P. Labuan	91.6	47.2	44.4	76.8	83.84	14.7	16.06
Negeri Sembilan	1,056.3	545.1	511.2	724.6	68.60	331.7	31.40
Melaka	842.5	424.1	418.5	749.0	88.90	93.5	11.10
Johor	3,439.6	1,811.3	1,628.3	2,523.0	73.35	916.6	26.65
Pahang	1,548.4	821.0	727.4	811.2	52.39	737.2	47.61
Terengganu	1,092.9	557.3	535.7	665.5	60.89	427.4	39.11
Kelantan	1,640.4	823.1	817.3	723.8	44.12	916.6	55.88
Sabah	3,371.7	1,754.0	1,617.7	1,891.3	56.09	1,480.4	43.91
Sarawak	2,545.8	1,317.3	1,228.5	1,405.7	55.22	1,140.1	44.78
<b>MALAYSIA</b>	<b>29,336.8</b>	<b>15,093.7</b>	<b>14,243.1</b>	<b>21,233.5</b>	<b>72.38</b>	<b>8,103.3</b>	<b>27.62</b>

Nota>Note:

Anggaran Penduduk Pertengahan Tahun berasaskan data Banci Penduduk dan Perumahan Malaysia 2010 yang disesuaikan  
*Mid-Year Population Estimates based on the adjusted Population and Housing Census of Malaysia 2010*

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

<sup>p</sup> Data bagi negeri adalah angka permulaan/State data are preliminary figures

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, 2012<sup>P</sup>**

Table 1.7. : Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2012<sup>P</sup>

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	25.4	67.3	7.3	48.6	96.9
Kedah	28.0	65.7	6.3	52.1	102.0
Pulau Pinang	22.1	71.0	6.9	40.8	100.6
Perak	25.6	66.3	8.1	50.9	102.2
Selangor	24.5	71.7	3.8	39.6	107.4
W.P. Kuala Lumpur	21.9	73.1	5.0	36.7	104.0
W.P. Putrajaya	34.9	64.4	0.7	55.3	88.2
W.P. Labuan	29.7	67.7	2.6	47.7	106.4
Negeri Sembilan	26.0	68.0	6.0	47.2	106.6
Melaka	25.2	68.3	6.5	46.5	101.3
Johor	26.2	68.3	5.5	46.4	111.2
Pahang	28.9	65.7	5.4	52.2	112.9
Terengganu	32.0	63.0	5.0	58.7	104.0
Kelantan	32.4	61.9	5.7	61.6	100.7
Sabah	27.5	69.5	3.0	43.9	108.4
Sarawak	27.6	66.5	5.9	50.4	107.2
<b>MALAYSIA</b>	<b>26.4</b>	<b>68.3</b>	<b>5.3</b>	<b>46.4</b>	<b>106.0</b>

Nota/Note:

Anggaran Penduduk Pertengahan Tahun berasaskan data Banci Penduduk dan Perumahan Malaysia 2010 yang disesuaikan  
*Mid-Year Population Estimates based on the adjusted Population and Housing Census of Malaysia 2010*

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

<sup>P</sup> Data bagi negeri adalah angka permulaan/State data are preliminary figures

Punca: Jabatan Perangkaan Malaysia

Source: Department of Statistics, Malaysia

**JADUAL 1.8. : KADAR LITERASI PENDUDUK MENGIKUT TAHAP UMUR DAN JANTINA, MALAYSIA, 2008 - 2012**  
 Table 1.8. : Literacy Rate of Population by Age and State, Malaysia, 2008 - 2012

TAHUN Year	BERUMUR 10 TAHUN DAN KE ATAS Aged 10 Years and Above			BERUMUR 15 TAHUN DAN KE ATAS Aged 15 Years and Above		
	JUMLAH <i>Total</i> %	LELAKI <i>Male</i> %	PEREMPUAN <i>Female</i> %	JUMLAH <i>Total</i> %	LELAKI <i>Male</i> %	PEREMPUAN <i>Female</i> %
2008	92.9	95.1	90.6	92.1	94.7	89.5
2009	93.3	95.5	91.1	92.7	95.2	90.2
2010	93.7	95.7	91.7	93.1	95.4	90.7
2011	94.5	96.2	92.7	93.9	95.9	91.8
2012	94.6	96.4	92.8	94.1	96.0	92.1

Nota/Note:

Kadar literasi dikira secara proksi iaitu merujuk kepada penduduk berumur 10 dan 15 tahun & ke atas yang sedang bersekolah atau yang telah menamatkan persekolahan

*Literacy rate of population is calculated by proxy, refer to population aged 10 and 15 years & over who had schooling or who had finished schooling (formal education)*

Jumlah penduduk adalah daripada Penyiasatan Tenaga Buruh. Penduduk termasuk Bukan Warganegara Malaysia  
*Total population derived from the Labour Force Survey. Population includes Non-Citizen*

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, 2008 - 2012**Table 1.9. : *Life Expectancy at Birth by Sex, Malaysia, 2008 - 2012*

TAHUN Year	LELAKI Male (Bilangan Tahun/Number of Years)	PEREMPUAN Female (Bilangan Tahun/Number of Years)
2008	71.57	76.40
2009	71.64	76.49
2010 <sup>p</sup>	71.68	76.78
2011 <sup>e</sup>	71.97	77.05
2012 <sup>e</sup>	72.30	77.20

Punca: Jabatan Perangkaan Malaysia

Source: *Department of Statistics, Malaysia*

**JADUAL 1.10. : KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN BAGI MALAYSIA, 2007 - 2011**

Table 1.10. : *Live Births by Birth Weight, Malaysia, 2007 – 2011*

TAHUN Year	KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN <i>Live Births by Birth Weight</i>							
	Di 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 Number	%	Bilangan Number	%	Bilangan Number	%	Bilangan Number	%
2007	49,813	10.55	417,730	88.49	4,505	0.95	472,048	100.00
2008	52,556	10.78	431,333	88.51	3,457	0.71	487,346	100.00
2009	55,487	11.18	437,408	88.13	3,418	0.69	496,313	100.00
2010	54,964	11.19	433,627	88.27	2,648	0.54	491,239	100.00
2011 <sup>P</sup>	55,127	11.15	437,294	88.41	2,180	0.44	494,601	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, 2010 - 2011**

Table 2.1. : *Perinatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2010 - 2011*

NEGERI State	2010						2011 <sup>p</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
Perlis	44	10.6	16	7.5	28	14.0	43	10.6	23	10.8	20	10.4
Kedah	333	9.4	189	10.3	144	8.5	314	9.0	180	10.0	134	7.9
Pulau Pinang	159	7.5	93	8.4	66	6.4	184	8.4	105	9.2	79	7.5
Perak	305	8.4	183	9.8	122	7.0	289	7.9	151	8.0	138	7.8
Selangor	632	6.4	354	7.0	278	5.8	649	6.6	345	6.8	304	6.4
W.P. K.Lumpur	174	7.1	113	8.8	61	5.2	165	6.3	92	6.8	73	5.7
W.P. Putrajaya	17	7.0	10	7.8	7	6.1	16	5.5	10	6.8	6	4.3
W.P. Labuan	16	9.8	9	10.5	7	9.0	18	10.6	12	13.5	6	7.5
Negeri Sembilan	147	8.6	81	9.3	66	7.9	135	7.8	73	8.1	62	7.5
Melaka	112	8.6	70	10.2	42	6.7	130	9.5	79	11.1	51	7.8
Johor	402	7.1	226	7.8	176	6.5	393	6.9	211	7.2	182	6.6
Pahang	198	7.6	104	7.7	94	7.5	250	9.5	129	9.5	121	9.5
Terengganu	304	12.4	166	13.1	138	11.7	267	11.0	150	11.9	117	10.1
Kelantan	362	10.0	198	10.6	164	9.4	367	10.0	211	11.1	156	8.7
Sabah	287	5.3	164	5.8	123	4.7	264	5.0	144	5.3	120	4.7
Sarawak	299	7.2	159	7.4	140	7.0	313	7.4	182	8.4	131	6.4
<b>MALAYSIA</b>	<b>3,791</b>	<b>7.7</b>	<b>2,135</b>	<b>8.4</b>	<b>1,656</b>	<b>6.9</b>	<b>3,797</b>	<b>7.6</b>	<b>2,097</b>	<b>8.2</b>	<b>1,700</b>	<b>7.1</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, 2010 - 2011**

Table 2.2. : Stillbirths (Number and Rate\*) by State and Sex, Malaysia, 2010 - 2011

NEGERI State	2010						2011 <sup>P</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
Perlis	25	6.0	8	3.7	17	8.5	23	5.7	11	5.2	12	6.2
Kedah	189	5.4	100	5.5	89	5.2	189	5.4	106	5.9	83	4.9
Pulau Pinang	81	3.8	45	4.1	36	3.5	99	4.5	52	4.6	47	4.5
Perak	166	4.6	95	5.1	71	4.0	169	4.6	88	4.6	81	4.6
Selangor	362	3.7	194	3.8	168	3.5	375	3.8	206	4.0	169	3.5
W.P. K.Lumpur	117	4.8	82	6.4	35	3.0	90	3.4	48	3.5	42	3.3
W.P. Putrajaya	9	3.7	4	3.1	5	4.4	7	2.4	5	3.4	2	1.4
W.P. Labuan	6	3.7	4	4.7	2	2.6	7	4.1	2	2.2	5	6.2
Negeri Sembilan	86	5.1	46	5.3	40	4.8	82	4.8	39	4.4	43	5.2
Melaka	60	4.6	39	5.7	21	3.4	70	5.1	44	6.2	26	4.0
Johor	228	4.1	117	4.0	111	4.1	235	4.1	123	4.2	112	4.1
Pahang	120	4.6	57	4.2	63	5.0	136	5.2	65	4.8	71	5.6
Terengganu	191	7.8	101	8.0	90	7.6	162	6.7	92	7.3	70	6.0
Kelantan	224	6.2	123	6.6	101	5.8	232	6.3	124	6.5	108	6.1
Sabah	175	3.2	96	3.4	79	3.0	176	3.4	91	3.4	85	3.4
Sarawak	183	4.4	88	4.1	95	4.7	189	4.5	103	4.7	86	4.2
<b>MALAYSIA</b>	<b>2,222</b>	<b>4.5</b>	<b>1,199</b>	<b>4.7</b>	<b>1,023</b>	<b>4.3</b>	<b>2,241</b>	<b>4.5</b>	<b>1,199</b>	<b>4.7</b>	<b>1,042</b>	<b>4.3</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, 2010 - 2011**

Table 2.3. : *Neonatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2010 - 2011*

NEGERI State	2010						2011 <sup>P</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
Perlis	24	5.8	11	5.2	13	6.5	26	6.4	15	7.1	11	5.7
Kedah	191	5.4	116	6.4	75	4.4	158	4.5	91	5.1	67	4.0
Pulau Pinang	98	4.6	58	5.3	40	3.9	109	5.0	67	5.9	42	4.0
Perak	177	4.9	109	5.9	68	3.9	145	4.0	81	4.3	64	3.6
Selangor	350	3.6	203	4.0	147	3.1	387	3.9	205	4.0	182	3.8
W.P.K.Lumpur	78	3.2	42	3.3	36	3.1	100	3.8	59	4.4	41	3.2
W.P.Putrajaya	11	4.5	8	6.2	3	2.6	16	5.6	8	5.4	8	5.7
W.P.Labuan	12	7.4	5	5.9	7	9.0	12	7.1	10	11.3	2	2.5
Negeri Sembilan	78	4.6	44	5.1	34	4.1	74	4.3	44	4.9	30	3.7
Melaka	68	5.2	43	6.3	25	4.0	79	5.8	47	6.7	32	4.9
Johor	248	4.4	152	5.2	96	3.5	224	4.0	123	4.2	101	3.7
Pahang	111	4.3	63	4.7	48	3.8	146	5.6	76	5.6	70	5.6
Terengganu	149	6.1	74	5.9	75	6.4	145	6.0	80	6.4	65	5.6
Kelantan	193	5.4	103	5.5	90	5.2	182	5.0	118	6.3	64	3.6
Sabah	142	2.6	83	3.0	59	2.3	109	2.1	65	2.4	44	1.7
Sarawak	176	4.2	109	5.1	67	3.3	179	4.3	106	4.9	73	3.6
<b>MALAYSIA</b>	<b>2,106</b>	<b>4.3</b>	<b>1,223</b>	<b>4.8</b>	<b>883</b>	<b>3.7</b>	<b>2,091</b>	<b>4.2</b>	<b>1,195</b>	<b>4.7</b>	<b>896</b>	<b>3.7</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, 2010 - 2011**

Table 2.4. : *Infant Deaths (Number and Rate\*) by State and Sex, Malaysia, 2010 - 2011*

NEGERI State	2010						2011 <sup>p</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
Perlis	33	8.0	17	8.0	16	8.0	40	9.9	24	11.3	16	8.3
Kedah	274	7.8	159	8.7	115	6.8	232	6.7	134	7.5	98	5.8
Pulau Pinang	145	6.8	83	7.6	62	6.1	158	7.3	95	8.4	63	6.0
Perak	289	8.0	169	9.1	120	6.9	227	6.2	128	6.8	99	5.6
Selangor	557	5.7	304	6.0	253	5.3	568	5.8	312	6.1	256	5.4
W.P. Kuala Lumpur	135	5.5	80	6.3	55	4.7	156	5.9	86	6.4	70	5.5
W.P. Putrajaya	18	7.4	13	10.1	5	4.4	25	8.7	12	8.1	13	9.2
W.P. Labuan	15	9.2	6	7.0	9	11.6	14	8.3	12	13.5	2	2.5
Negeri Sembilan	122	7.2	63	7.3	59	7.1	124	7.2	70	7.8	54	6.6
Melaka	105	8.1	69	10.1	36	5.8	118	8.7	71	10.1	47	7.2
Johor	396	7.1	240	8.3	156	5.8	366	6.5	202	6.9	164	6.0
Pahang	197	7.6	108	8.0	89	7.1	248	9.5	130	9.6	118	9.4
Terengganu	202	8.3	108	8.6	94	8.0	217	9.0	113	9.1	104	9.0
Kelantan	301	8.4	159	8.6	142	8.2	289	7.9	176	9.3	113	6.4
Sabah	225	4.2	124	4.4	101	3.9	202	3.9	111	4.1	91	3.6
Sarawak	281	6.8	167	7.8	114	5.7	275	6.5	158	7.3	117	5.7
<b>MALAYSIA</b>	<b>3,295</b>	<b>6.7</b>	<b>1,869</b>	<b>7.4</b>	<b>1,426</b>	<b>6.0</b>	<b>3,259</b>	<b>6.6</b>	<b>1,834</b>	<b>7.2</b>	<b>1,425</b>	<b>6.0</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 (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2010 - 2011**  
 Table 2.5. : Toddler Deaths (Number and Rate\*) by State and Sex, Malaysia, 2010 - 2011

NEGERI State	2010						2011 <sup>P</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
Perlis	8	0.5	5	0.6	3	0.4	13	0.8	8	1.0	5	0.6
Kedah	50	0.4	35	0.5	15	0.2	45	0.3	24	0.3	21	0.3
Pulau Pinang	34	0.4	19	0.4	15	0.3	28	0.3	13	0.3	15	0.3
Perak	92	0.6	48	0.6	44	0.6	74	0.5	39	0.5	35	0.5
Selangor	131	0.3	78	0.4	53	0.3	140	0.4	87	0.5	53	0.3
W.P. Kuala Lumpur	41	0.4	20	0.4	21	0.4	30	0.3	20	0.4	10	0.2
W.P. Putrajaya	3	0.4	2	0.5	1	0.2	2	0.2	2	0.4	0	0
W.P. Labuan	5	0.7	1	0.2	4	1.1	2	0.3	0	0	2	0.6
Negeri Sembilan	33	0.5	16	0.4	17	0.5	23	0.3	6	0.2	17	0.5
Melaka	18	0.3	10	0.4	8	0.3	22	0.4	16	0.6	6	0.2
Johor	87	0.4	48	0.4	39	0.4	80	0.4	42	0.4	38	0.3
Pahang	66	0.6	38	0.6	28	0.5	60	0.5	36	0.6	24	0.4
Terengganu	49	0.5	25	0.5	24	0.6	49	0.5	23	0.5	26	0.6
Kelantan	83	0.6	44	0.6	39	0.6	69	0.5	38	0.5	31	0.5
Sabah	48	0.2	22	0.2	26	0.2	45	0.2	24	0.2	21	0.2
Sarawak	65	0.4	35	0.4	30	0.3	60	0.3	30	0.3	30	0.3
<b>MALAYSIA</b>	<b>813</b>	<b>0.4</b>	<b>446</b>	<b>0.4</b>	<b>367</b>	<b>0.4</b>	<b>742</b>	<b>0.4</b>	<b>408</b>	<b>0.4</b>	<b>334</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 DI BAWAH 5 TAHUN (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA,  
MALAYSIA, 2010 - 2011**

Table 2.6. : *Under-5 Deaths (Number and Rate\*) by State and Sex, Malaysia, 2010 - 2011*

NEGERI State	2010						2011 <sup>P</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
Perlis	41	10.0	22	10.3	19	9.6	53	13.1	32	15.1	21	11.0
Kedah	324	9.2	194	10.7	130	7.7	277	8.0	158	8.8	119	7.0
Pulau Pinang	179	8.5	102	9.3	77	7.5	186	8.6	108	9.5	78	7.5
Perak	381	10.6	217	11.7	164	9.4	301	8.3	167	8.9	134	7.6
Selangor	688	7.0	382	7.6	306	6.4	708	7.2	399	7.9	309	6.5
W.P. Kuala Lumpur	176	7.2	100	7.9	76	6.5	186	7.1	106	7.8	80	6.3
W.P. Putrajaya	21	8.6	15	11.7	6	5.2	27	9.4	14	9.5	13	9.2
W.P. Labuan	20	12.3	7	8.2	13	16.7	16	9.5	12	13.5	4	5.0
Negeri Sembilan	155	9.2	79	9.1	76	9.2	147	8.6	76	8.5	71	8.7
Melaka	123	9.5	79	11.6	44	7.1	140	10.3	87	12.3	53	8.2
Johor	483	8.6	288	9.9	195	7.2	446	7.9	244	8.4	202	7.4
Pahang	263	10.1	146	10.9	117	9.3	308	11.8	166	12.2	142	11.3
Terengganu	251	10.3	133	10.6	118	10.1	266	11.1	136	10.9	130	11.3
Kelantan	384	10.7	203	10.9	181	10.4	358	9.8	214	11.3	144	8.1
Sabah	273	5.0	146	5.2	127	4.9	247	4.7	135	5.0	112	4.4
Sarawak	346	8.3	202	9.4	144	7.2	335	8.0	188	8.7	147	7.2
<b>MALAYSIA</b>	<b>4,108</b>	<b>8.4</b>	<b>2,315</b>	<b>9.1</b>	<b>1,793</b>	<b>7.5</b>	<b>4,001</b>	<b>8.1</b>	<b>2,242</b>	<b>8.8</b>	<b>1,759</b>	<b>7.4</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, 2010 - 2011**

Table 2.7 : *Maternal Deaths (Number and Ratio\*) by State, Malaysia, 2010 - 2011*

NEGERI State	2010		2011 <sup>P</sup>	
	Bilangan Number	Nisbah Ratio	Bilangan Number	Nisbah Ratio
Perlis	2	48.6		
Kedah	15	42.7		
Pulau Pinang	8	37.8		
Perak	9	25.0		
Selangor	18	18.3		
W.P. Kuala Lumpur	6	24.5		
W.P. Putrajaya	0	0		
W.P. Labuan	1	61.3		
Negeri Sembilan	6	35.4		
Melaka	2	15.4		
Johor	12	21.4		
Pahang	7	27.0		
Terengganu	8	33.0		
Kelantan	16	44.4		
Sabah	8	14.8		
Sarawak	10	24.0		
<b>MALAYSIA</b>	<b>128</b>	<b>26.1</b>	<b>126</b>	<b>25.5</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, 2010 - 2011**

Table 2.8. : Deaths (Number and Rate\*) by Specific Age Groups, Malaysia, 2010 - 2011

KUMPULAN UMUR Age Group	2010						2011 <sup>p</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
< 1	3,295	6.6	1,869	7.3	1,426	5.9	3,259	6.5	1,834	7.1	1,425	5.9
1 – 4	813	0.4	446	0.4	367	0.4	742	0.4	408	0.4	334	0.3
5 – 9	599	0.2	351	0.3	248	0.2	609	0.2	355	0.3	254	0.2
10 – 14	844	0.3	534	0.4	310	0.2	750	0.3	472	0.3	278	0.2
15 – 19	2,014	0.7	1,570	1.1	444	0.3	1,894	0.7	1,480	1.0	414	0.3
20 – 24	2,346	0.8	1,773	1.2	573	0.4	2,204	0.8	1,652	1.1	552	0.4
25 – 29	2,418	0.9	1,740	1.2	678	0.5	2,329	0.8	1,687	1.1	642	0.5
30 – 34	2,847	1.3	2,101	1.8	746	0.7	2,651	1.2	1,980	1.6	671	0.6
35 – 39	3,418	1.7	2,493	2.5	925	1.0	3,311	1.7	2,387	2.3	924	1.0
40 – 44	4,478	2.5	3,049	3.4	1,429	1.6	4,346	2.4	2,979	3.2	1,367	1.5
45 – 49	6,441	4.0	4,301	5.1	2,140	2.8	6,159	3.7	4,112	4.8	2,047	2.6
50 – 54	8,670	6.3	5,607	7.9	3,063	4.6	8,588	6.1	5,714	7.8	2,874	4.2
55 – 59	10,285	9.6	6,584	12.0	3,701	7.1	10,696	9.6	6,838	12.0	3,858	7.1
60 – 64	12,153	14.8	7,683	18.4	4,470	11.0	12,576	14.6	7,836	18.0	4,740	11.1
65 – 69	12,803	23.8	7,803	28.9	5,000	18.7	13,257	23.4	8,161	28.7	5,096	18.0
70 – 74	16,174	39.5	9,199	45.8	6,975	33.4	16,158	38.6	9,221	44.8	6,937	32.5
75 - 79	14,812	63.5	7,428	67.6	7,384	59.8	15,702	63.4	8,013	68.1	7,689	59.1
80 - 84	12,752	88.4	5,824	91.5	6,928	85.9	13,748	93.7	6,099	93.3	7,649	94.1
85 & lebih / & above	13,816	138.0	5,550	128.5	8,266	145.3	14,435	132.6	5,748	121.8	8,687	140.9
Tidak diketahui/ Unknown	0	0	0	0	0	0	1	0.0	1	0.0	0	0
<b>JUMLAH / Total</b>	<b>130,978</b>	<b>4.6</b>	<b>75,905</b>	<b>5.2</b>	<b>55,073</b>	<b>4.0</b>	<b>133,415</b>	<b>4.6</b>	<b>76,977</b>	<b>5.2</b>	<b>56,438</b>	<b>4.0</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, 2010 - 2011**

Table 2.9 : Deaths and Crude Death Rate\* by State and Sex, Malaysia, 2010 - 2011

NEGERI State	2010						2011 <sup>p</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
Perlis	1,683	7.1	954	8.2	729	6.1	1,612	6.8	889	7.6	723	6.0
Kedah	11,674	6.0	6,601	6.7	5,073	5.3	11,685	5.9	6,739	6.8	4,946	5.1
Pulau Pinang	9,063	5.8	5,004	6.3	4,059	5.2	9,012	5.7	5,088	6.4	3,924	4.9
Perak	15,440	6.5	8,831	7.3	6,609	5.6	15,866	6.6	8,954	7.4	6,912	5.8
Selangor	18,558	3.4	10,793	3.8	7,765	2.9	19,035	3.4	11,085	3.8	7,950	3.0
W.P. Kuala Lumpur	6,465	3.9	3,826	4.5	2,639	3.2	6,745	4.0	3,938	4.6	2,807	3.4
W.P. Putrajaya	95	1.3	52	1.5	43	1.1	113	1.5	63	1.8	50	1.2
W.P. Labuan	243	2.8	144	3.2	99	2.3	211	2.4	134	2.9	77	1.8
Negeri Sembilan	5,814	5.6	3,437	6.5	2,377	4.8	5,819	5.6	3,391	6.3	2,428	4.8
Melaka	4,481	5.4	2,530	6.1	1,951	4.8	4,546	5.4	2,604	6.2	1,942	4.7
Johor	16,060	4.8	9,521	5.4	6,539	4.1	16,265	4.8	9,491	5.3	6,774	4.2
Pahang	7,722	5.1	4,669	5.8	3,053	4.3	7,721	5.1	4,679	5.8	3,042	4.3
Terengganu	5,864	5.6	3,428	6.4	2,436	4.7	6,139	5.7	3,480	6.3	2,659	5.1
Kelantan	9,798	6.2	5,590	7.0	4,208	5.3	9,899	6.1	5,549	6.8	4,350	5.4
Sabah	7,622	2.3	4,574	2.7	3,048	2.0	7,811	2.4	4,681	2.7	3,130	2.0
Sarawak	10,396	4.2	5,951	4.6	4,445	3.7	10,936	4.3	6,212	4.8	4,724	3.9
<b>MALAYSIA</b>	<b>130,978</b>	<b>4.6</b>	<b>75,905</b>	<b>5.2</b>	<b>55,073</b>	<b>4.0</b>	<b>133,415</b>	<b>4.6</b>	<b>76,977</b>	<b>5.2</b>	<b>56,438</b>	<b>4.0</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, 2010 - 2011**  
 Table 2.10 : Live Births and Crude Birth Rate\* by State and Sex, Malaysia, 2010 - 2011

NEGERI State	2010						2011 <sup>p</sup>					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Bilangan Number	Kadar Rate										
Perlis	4,114	17.4	2,126	18.3	1,988	16.6	4,035	17.0	2,118	18.1	1,917	15.8
Kedah	35,128	18.0	18,203	18.5	16,925	17.6	34,816	17.6	17,923	18.0	16,893	17.3
Pulau Pinang	21,172	13.4	10,964	13.9	10,208	13.0	21,747	13.7	11,322	14.2	10,425	13.1
Perak	36,026	15.1	18,548	15.4	17,478	14.9	36,447	15.2	18,860	15.5	17,587	14.8
Selangor	98,429	17.9	50,529	17.7	47,900	18.1	98,519	17.7	50,815	17.6	47,704	17.7
W.P. Kuala Lumpur	24,471	14.6	12,697	14.8	11,774	14.4	26,227	15.5	13,530	15.7	12,697	15.3
W.P. Putrajaya	2,430	33.1	1,286	37.4	1,144	29.3	2,881	37.8	1,474	41.1	1,407	34.9
W.P. Labuan	1,631	18.5	852	18.7	779	18.3	1,686	18.8	887	19.2	799	18.4
Negeri Sembilan	16,939	16.5	8,654	16.3	8,285	16.7	17,118	16.4	8,920	16.6	8,198	16.3
Melaka	13,010	15.8	6,799	16.4	6,211	15.2	13,553	16.2	7,064	16.8	6,489	15.6
Johor	56,064	16.7	28,989	16.3	27,075	17.0	56,473	16.6	29,108	16.2	27,365	17.0
Pahang	25,946	17.3	13,426	16.8	12,520	17.8	26,167	17.2	13,559	16.8	12,608	17.7
Terengganu	24,262	23.0	12,546	23.3	11,716	22.7	24,016	22.3	12,468	22.7	11,548	21.9
Kelantan	36,009	22.6	18,586	23.3	17,423	22.0	36,609	22.6	18,869	23.2	17,740	22.0
Sabah	54,134	16.6	28,078	16.5	26,056	16.7	52,321	15.8	27,051	15.7	25,270	15.9
Sarawak	41,474	16.7	21,435	16.6	20,039	16.7	41,986	16.7	21,598	16.6	20,388	16.8
<b>MALAYSIA</b>	<b>491,239</b>	<b>17.2</b>	<b>253,718</b>	<b>17.2</b>	<b>237,521</b>	<b>17.1</b>	<b>494,601</b>	<b>17.1</b>	<b>255,566</b>	<b>17.1</b>	<b>239,035</b>	<b>17.0</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, 2007 - 2011**

Table 2.11. : Total Fertility Rate, Malaysia, 2007 - 2011

TAHUN Year	KADAR KESUBURAN JUMLAH (SETIAP PEREMPUAN BERUMUR 15 - 49 TAHUN) Total Fertility Rate (Per Female Aged 15 - 49 Years)
2007	2.3
2008	2.3
2009	2.3
2010	2.1
2011 <sup>p</sup>	2.1

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, 2012**

Table 2.12. : *Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2012*

1. Bilangan Pekerja Aktif Perkeso ('000) <i>Number of SOCSO's Active Employees ('000)</i>	5,877
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>	2,922
3. Kadar Kehilangan Hari Kerja Bagi Tiap-Tiap 1,000 Tenaga Bekerja <i>Rate of Man Days Lost Per 1,000 Work Force</i>	497

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, 2012:  
 PENYAKIT BAWAAN AIR DAN MAKANAN**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
 Food and Water Borne Diseases

NEGERI State	KOLERA <i>Cholera</i>		DISENTERI <i>Dysentery</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	0	0	3	1.25
Kedah	0	0	9	0.45
Pulau Pinang	0	0	0	0
Perak	0	0	4	0.17
Selangor	1	0.02	20	0.35
W.P. Kuala Lumpur <sup>1</sup>	0	0	6	0.33
W.P. Labuan	0	0	0	0
Negeri Sembilan	0	0	0	0
Melaka	0	0	0	0
Johor	0	0	2	0.06
Pahang	0	0	0	0
Terengganu	0	0	2	0.18
Kelantan	0	0	0	0
Sabah	170	5.04	5	0.15
Sarawak	111	4.36	35	1.37
<b>MALAYSIA</b>	<b>282</b>	<b>0.96</b>	<b>86</b>	<b>0.29</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 : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT BAWAAN AIR DAN MAKANAN (SAMB.)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
 Food and Water Borne Diseases (Cont'd)

NEGERI State	KERACUNAN MAKANAN Food Poisoning		HEPATITIS A		TIFOID Typhoid	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	245	102.34	0	0	0	0
Kedah	1,018	50.98	5	0.25	4	0.20
Pulau Pinang	360	22.34	2	0.12	2	0.12
Perak	1,397	57.81	312	12.91	18	0.74
Selangor	2,078	36.77	32	0.57	36	0.64
W.P. Kuala Lumpur <sup>1</sup>	231	12.88	11	0.61	35	1.95
W.P. Labuan	1	1.09	1	1.09	0	0
Negeri Sembilan	674	63.81	1	0.09	2	0.19
Melaka	915	108.61	28	3.32	0	0
Johor	1,486	43.20	2	0.06	9	0.26
Pahang	662	42.75	21	1.36	6	0.39
Terengganu	855	78.23	1	0.09	3	0.27
Kelantan	611	37.25	18	1.10	31	1.89
Sabah	1,397	41.43	27	0.80	38	1.13
Sarawak	1,252	49.18	3	0.12	35	1.37
<b>MALAYSIA</b>	<b>13,182</b>	<b>44.93</b>	<b>464</b>	<b>1.58</b>	<b>219</b>	<b>0.75</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 : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
PENYAKIT BAWAAN VEKTOR**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
Vector Borne Diseases

NEGERI State	DEMAM DENGGI <i>Dengue Fever</i>		DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	171	71.43	1	0.42
Kedah	801	40.11	16	0.80
Pulau Pinang	770	47.79	21	1.30
Perak	1,683	69.64	33	1.37
Selangor	8,742	154.70	371	6.57
W.P. Kuala Lumpur <sup>1</sup>	1,740	97.05	74	4.13
W.P. Labuan	203	221.62	1	1.09
Negeri Sembilan	547	51.78	5	0.47
Melaka	436	51.75	13	1.54
Johor	1,599	46.49	51	1.48
Pahang	627	40.49	14	0.90
Terengganu	692	63.32	47	4.30
Kelantan	1,227	74.80	18	1.10
Sabah	573	16.99	15	0.44
Sarawak	1,370	53.81	39	1.53
<b>MALAYSIA</b>	<b>21,181</b>	<b>72.20</b>	<b>719</b>	<b>2.45</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 : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT BAWAAN VEKTOR (SAMB.)**

*Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
 Vector Borne Diseases (Cont'd)*

NEGERI State	MALARIA <i>Malaria</i>		TIFUS <i>Typhus</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES No. of Cases	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	0	0	0
Kedah	33	1.65	0	0
Pulau Pinang	37	2.30	4	0.25
Perak	104	4.30	1	0.04
Selangor	270	4.78	1	0.02
W.P. Kuala Lumpur <sup>1</sup>	23	1.28	0	0
W.P. Labuan	3	3.28	0	0
Negeri Sembilan	98	9.28	0	0
Melaka	18	2.14	0	0
Johor	87	2.53	0	0
Pahang	216	13.95	1	0.06
Terengganu	34	3.11	1	0.09
Kelantan	174	10.61	0	0
Sabah	2,057	61.01	0	0
Sarawak	1,571	61.71	0	0
<b>MALAYSIA</b>	<b>4,725</b>	<b>16.11</b>	<b>8</b>	<b>0.03</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 2012  
*No cases were reported for Plague and Yellow Fever in 2012*

Punca : Pusat Informatik Kesihatan, KKM

Source : *Health Informatics Centre, MoH*

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT CEGAHAN VAKSIN**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
 Vaccine Preventable Diseases

NEGERI State	HEPATITIS B		CAMPAK Measles		TETANUS NEONATORUM Neonatal Tetanus	
	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	7	2.92	3	1.25	0	0
Kedah	38	1.90	71	3.56	0	0
Pulau Pinang	32	1.99	16	0.99	0	0
Perak	61	2.52	33	1.37	0	0
Selangor	316	5.59	1,016	17.98	0	0
W.P. Kuala Lumpur <sup>1</sup>	327	18.24	234	13.05	0	0
W.P. Labuan	0	0	0	0	0	0
Negeri Sembilan	45	4.26	62	5.87	0	0
Melaka	144	17.09	47	5.58	0	0
Johor	226	6.57	48	1.40	0	0
Pahang	201	12.98	58	3.75	0	0
Terengganu	87	7.96	31	2.84	0	0
Kelantan	92	5.61	71	4.33	0	0
Sabah	953	28.26	29	0.86	9	0.17
Sarawak	108	4.24	157	6.17	0	0
<b>MALAYSIA</b>	<b>2,637</b>	<b>8.99</b>	<b>1,876</b>	<b>6.39</b>	<b>9</b>	<b>0.02</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

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT CEGAHAN VAKSIN (SAMB.)**

*Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
 Vaccine Preventable Diseases (Cont'd)*

<b>NEGERI State</b>	<b>LAIN-LAIN TETANUS</b> <i>Other Tetanus</i>		<b>BATUK KOKOL</b> <i>Whooping Cough</i>	
	<b>BILANGAN KES</b> <i>No. of Cases</i>	<b>KADAR KEJADIAN*</b> <i>Incidence Rate*</i>	<b>BILANGAN KES</b> <i>No. of Cases</i>	<b>KADAR KEJADIAN*</b> <i>Incidence Rate*</i>
Perlis	0	0	10	4.18
Kedah	3	0.15	38	1.90
Pulau Pinang	0	0	8	0.50
Perak	1	0.04	7	0.29
Selangor	0	0	43	0.76
W.P. Kuala Lumpur <sup>1</sup>	0	0	7	0.39
W.P. Labuan	0	0	0	0
Negeri Sembilan	1	0.09	12	1.14
Melaka	0	0	5	0.59
Johor	1	0.03	6	0.17
Pahang	0	0	8	0.52
Terengganu	1	0.09	20	1.83
Kelantan	3	0.18	16	0.98
Sabah	12	0.36	8	0.24
Sarawak	2	0.08	36	1.41
<b>MALAYSIA</b>	<b>24</b>	<b>0.08</b>	<b>224</b>	<b>0.76</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 Akut Poliomelitis dan Diphtheria pada tahun 2012  
*No cases were reported for Acute Poliomyelitis Fever and Diphtheria in 2012*

Punca : Pusat Informatik Kesihatan, KKM

Source : *Health Informatics Centre, MoH*

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT TRANSMISI SECASA SEKSUAL**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
 Sexually Transmitted Diseases

NEGERI State	GONORRHOEA		SIFILIS Syphilis	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	4	1.67	5	2.09
Kedah	156	7.81	61	3.05
Pulau Pinang	25	1.55	80	4.97
Perak	11	0.46	40	1.66
Selangor	129	2.28	317	5.61
W.P. Kuala Lumpur <sup>1</sup>	102	5.69	190	10.60
W.P. Labuan	0	0	6	6.55
Negeri Sembilan	18	1.70	43	4.07
Melaka	26	3.09	55	6.53
Johor	220	6.40	138	4.01
Pahang	70	4.52	151	9.75
Terengganu	25	2.29	31	2.84
Kelantan	18	1.10	24	1.46
Sabah	202	5.99	317	9.40
Sarawak	486	19.09	214	8.41
<b>MALAYSIA</b>	<b>1,492</b>	<b>5.09</b>	<b>1,672</b>	<b>5.70</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 Chancroid pada tahun 2012  
No cases were reported for Chancroid in 2012

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
LAIN-LAIN PENYAKIT BERJANGKIT**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
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	12	5.01	218	91.06	88	36.76
Kedah	67	3.36	1,099	55.04	110	5.51
Pulau Pinang	33	2.05	1,579	98.01	45	2.79
Perak	36	1.49	1,276	52.80	37	1.53
Selangor	176	3.11	6,571	116.28	144	2.55
W.P. Kuala Lumpur <sup>1</sup>	44	2.45	2,509	139.95	62	3.46
W.P. Labuan	2	2.18	330	360.26	0	0
Negeri Sembilan	37	3.50	743	70.34	84	7.95
Melaka	71	8.43	792	94.01	281	33.35
Johor	250	7.27	2,318	67.39	112	3.26
Pahang	177	11.43	355	22.93	424	27.38
Terengganu	79	7.23	278	25.44	89	8.14
Kelantan	141	8.60	1,399	85.28	127	7.74
Sabah	95	2.82	1,641	48.67	52	1.54
Sarawak	141	5.54	13,411	526.79	79	3.10
<b>MALAYSIA</b>	<b>1,361</b>	<b>4.64</b>	<b>34,519</b>	<b>117.66</b>	<b>1,734</b>	<b>5.91</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 : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
Other Infectious Diseases (Cont'd)

NEGERI State	HIV		KUSTA Leprosy		LEPTOSPIROSIS	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	21	8.77	0	0	27	11.28
Kedah	164	8.21	6	0.30	267	13.37
Pulau Pinang	126	7.82	8	0.50	128	7.94
Perak	152	6.29	17	0.70	280	11.59
Selangor	707	12.51	48	0.85	853	15.10
W.P. Kuala Lumpur <sup>1</sup>	461	25.71	14	0.78	282	15.73
W.P. Labuan	5	5.46	0	0	7	7.64
Negeri Sembilan	93	8.80	13	1.23	152	14.39
Melaka	152	18.04	5	0.59	441	52.34
Johor	527	15.32	8	0.23	69	2.01
Pahang	271	17.50	20	1.29	163	10.53
Terengganu	147	13.45	5	0.46	126	11.53
Kelantan	274	16.70	6	0.37	168	10.24
Sabah	191	5.66	131	3.89	410	12.16
Sarawak	147	5.77	44	1.73	292	11.47
<b>MALAYSIA</b>	<b>3,438</b>	<b>11.72</b>	<b>325</b>	<b>1.11</b>	<b>3,665</b>	<b>12.49</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 : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2012:  
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	0	185	77.28	0	0
Kedah	2	0.10	1,174	58.79	1	0.05
Pulau Pinang	1	0.06	1,245	77.28	1	0.06
Perak	2	0.08	1,554	64.30	1	0.04
Selangor	8	0.14	3,560	63.00	0	0
W.P. Kuala Lumpur <sup>1</sup>	20	1.12	1,906	106.31	0	0
W.P. Labuan	0	0	99	108.08	0	0
Negeri Sembilan	0	0	480	45.44	4	0.38
Melaka	0	0	546	64.81	0	0
Johor	1	0.03	2,046	59.48	1	0.03
Pahang	1	0.06	890	57.48	0	0
Terengganu	1	0.09	733	67.07	0	0
Kelantan	6	0.37	1,436	87.54	0	0
Sabah	35	1.04	4,426	131.27	3	0.09
Sarawak	0	0	2,430	95.45	12	0.47
<b>MALAYSIA</b>	<b>77</b>	<b>0.26</b>	<b>22,710</b>	<b>77.41</b>	<b>23</b>	<b>0.08</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 2012  
No cases were reported for Ebola, Rabies and Relapsing Fever in 2012

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE CIRCULATORY SYSTEM**

Table 3.2. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Circulatory System

DETAILED CAUSE GROUPS <i>( Diseases of the Circulatory System )</i>	KOD I.C.D.10 <i>I.C.D.10 Code</i>	BILANGAN DISCAJ <sup>p</sup> <i>No. of Discharges <sup>p</sup></i>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) <i>Discharge Rate (Per 100,000 Population)</i>
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b> Acute rheumatic fever Chronic rheumatic heart diseases	I00-I09 I00-I02 I05-I09	904 171 733	3.08 0.58 2.50
<b>HYPERTENSIVE DISEASES</b> Essential (primary) hypertension Hypertensive heart disease Hypertensive renal disease Hypertensive heart and renal disease Secondary hypertension	I10-I15 I10 I11 I12 I13 I15	13,859 12,551 588 502 107 111	42.78 42.78 2.00 1.71 0.36 0.38
<b>ISCHAEMIC HEART DISEASES</b> Angina pectoris Acute myocardial infarction Remainder of ischaemic heart disease	I20-I25 I20 I21 Remainder of I20-I25	36,854 17,646 10,730 8,478	125.62 60.15 36.58 28.90
<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	I26-I52 I26 I30 I33 I40 I46 I44-I45, I47-I49 I50 Remainder of I26-I52	18,683 282 21 320 13 273 5,479 10,199 2,096	63.68 0.96 0.07 1.09 0.04 0.93 18.68 34.77 7.14

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE CIRCULATORY SYSTEM (SAMB.)**

Table 3.2. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Circulatory System (Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Circulatory System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>CEREBROVASCULAR DISEASES</b>	<b>I60-I69</b>	<b>17,209</b>	<b>58.66</b>
Subarachnoid haemorrhage	I60	388	1.32
Intracerebral haemorrhage	I61	1,738	5.92
Cerebral infarction	I63	1,717	5.85
Stroke, not specified as haemorrhage or infarction	I64	11,333	38.63
Remainder of cerebrovascular disease	Remainder of I60-I69	2,033	6.93
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>	<b>6,564</b>	<b>22.37</b>
Atherosclerosis	I70	46	0.16
Aortic aneurysm and dissection	I71	404	1.38
Other aneurysm and dissection	I72	229	0.78
Arterial embolism and thrombosis	I74	96	0.33
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	661	2.25
Phlebitis and thrombophlebitis	I80	487	1.66
Varicose veins of lower extremities	I83	182	0.62
Haemorrhoids	I84	1,649	5.62
Oesophageal varices	I85	479	1.63
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	2,331	7.95
<b>JUMLAH / Total</b>		<b>94,073</b>	<b>320.67</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, 2012: NEOPLASMS**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Neoplasms

DETAILED CAUSE GROUPS ( Neoplasms )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	<b>C00-C14</b> C00-C14	<b>2,178</b> 2,178	<b>7.42</b> 7.42
<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	<b>8,104</b> 318 872 2,329 2,678 1,192 455 260	<b>27.62</b> 1.08 2.97 7.94 9.13 4.06 1.55 0.89
<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	<b>3,236</b> 309 2,750 177	<b>11.03</b> 1.05 9.37 0.60
<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	<b>5,969</b> 414 283 487 4,784 1	<b>20.35</b> 1.41 0.96 1.66 16.31 0.00

**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
NEOPLASMS (SAMB.)**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS ( Neoplasms )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>p</sup> No. of Discharges <sup>p</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>MALIGNANT NEOPLASMS OF GENITAL ORGANS AND URINARY TRACT</b> Malignant neoplasm of cervix uteri Malignant neoplasm of other and unspecified part of uterus Remainder of malignant neoplasm of female genital organs Malignant neoplasm of prostate Malignant neoplasm of bladder Remainder of malignant neoplasm of genital organs and urinary tract	C51-C68 C53 C54-C55 C51-C52, C56, C58 C61 C67 Remainder of C51-C68	6,043 1,755 823 1,889 468 484 624	20.60 5.98 2.81 6.44 1.60 1.65 2.13
<b>MALIGNANT NEOPLASMS OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b> Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72 C69-C72	821 821	2.80 2.80
<b>MALIGNANT NEOPLASMS OF THYROID AND OTHER ENDOCRINE GLANDS</b> Malignant neoplasm of thyroid and other endocrine glands	C73-C75 C73-C75	688 688	2.35 2.35
<b>MALIGNANT NEOPLASMS OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b> Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80 C76-C80	1,505 1,505	5.13 5.13
<b>MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b> Hodgkin's disease Non-Hodgkin's disease Leukaemia Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	C81-C96 C81 C82-C85 C91-C95 Remainder of C81-C96	6,467 622 2,232 3,018 595	22.04 2.12 7.61 10.29 2.03

**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
NEOPLASMS (SAMB.)**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS ( Neoplasms )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>MALIGNANT NEOPLASMS OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasms of independent (primary) multiple sites	C97	19	0.06
	C97	19	0.06
<b>IN SITU NEOPLASMS</b> In situ neoplasms	D00-D09 D00-D09	423 423	1.44 1.44
<b>BENIGN NEOPLASMS</b> Benign neoplasm of skin Benign neoplasm of breast Leiomyoma of uterus Remainder of benign neoplasms	D10-D36 D22-D23 D24 D25 Remainder of D10-D36	5,426 146 547 1,715 3,018	18.50 0.50 1.86 5.85 10.29
<b>NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	D37-D48 D37-D48	2,798 2,798	9.54 9.54
<b>JUMLAH / Total</b>		43,677	148.88

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, 2012:  
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES**

Table 3.4. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Endocrine, Nutritional and Metabolic Diseases

DETAILED CAUSE GROUPS <i>( Endocrine, Nutritional and Metabolic Diseases )</i>	KOD I.C.D.10 <i>I.C.D.10 Code</i>	BILANGAN DISCAJ <sup>p</sup> <i>No. of Discharges <sup>p</sup></i>	KADAR DISCAJ (SETAP 100,000 PENDUDUK) <i>Discharge Rate (Per 100,000 Population)</i>
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>	<b>41,116</b>	<b>140.15</b>
Iodine deficiency-related thyroid disorders	E00-E02	30	0.10
Thyrotoxicosis (hyperthyroidism)	E05	878	2.99
Hypoparathyroidism	E20	15	0.05
Diabetes mellitus	E10-E14	20,138	68.64
Kwashiokor	E40	8	0.03
Other malnutrition conditions	E41-E46	204	0.70
Other nutritional deficiencies	E50-E64	95	0.32
Obesity	E66	140	0.48
Remainder of obesity and other hyperalimentation	E65, E67-E68	4	0.01
Remainder of endocrine, nutritional and metabolic disorders	Remainder of E00-E90	19,604	66.82
<b>JUMLAH / Total</b>		<b>41,116</b>	<b>140.15</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, 2012:  
DISEASES OF THE RESPIRATORY SYSTEM**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Respiratory System

DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>ACUTE UPPER RESPIRATORY INFECTIONS</b>	<b>J00-J06</b>	<b>27,935</b>	<b>95.22</b>
Acute nasopharyngitis	J00	101	0.34
Acute sinusitis	J01	33	0.11
Acute pharyngitis	J02	4,950	16.87
Acute tonsillitis	J03	9,677	32.99
Acute laryngitis and tracheitis	J04	31	0.11
Remainder of diseases of the upper respiratory tract	Remainder of J00-J06	13,143	44.80
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J10-J22</b>	<b>60,023</b>	<b>204.60</b>
Influenza	J10-J11	247	0.84
Viral pneumonia, not elsewhere classified	J12	2,132	7.27
Other pneumonia	J13-J18	49,941	170.23
Acute bronchitis	J20	263	0.90
Acute bronchiolitis	J21	7,329	24.98
Unspecified acute lower respiratory infections	J22	111	0.38
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>	<b>2,764</b>	<b>9.42</b>
Chronic sinusitis	J32	253	0.86
Chronic diseases of tonsils and adenoids	J35	935	3.19
Remainder of other diseases of upper respiratory tract	Remainder of J30-J39	1,576	5.37

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Respiratory System (Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>CHRONIC LOWER RESPIRATORY DISEASE</b>	<b>J40-J47</b>	<b>34,892</b>	<b>118.94</b>
Bronchitis, not specified as acute or chronic	J40	90	0.31
Emphysema	J43	66	0.22
Other chronic obstructive pulmonary disease	J44	13,008	44.34
Asthma	J45-J46	20,631	70.32
Bronchiectasis	J47	1,082	3.69
Other chronic lower respiratory tract diseases	J41-J42	15	0.05
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>	<b>2,187</b>	<b>7.45</b>
Pneumoconiosis	J60-J65	15	0.05
Other lung diseases due to external agents	J66-J70	2,172	7.40
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>	<b>3,031</b>	<b>10.33</b>
Pulmonary oedema	J81	2,697	9.19
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	334	1.14
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>	<b>561</b>	<b>1.91</b>
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	561	1.91

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Respiratory System (Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>OTHER DISEASES OF PLEURA</b> Pleural effusion, not elsewhere classified Pneumothorax Remainder of other diseases of pleura	J90-J94 J90 J93 Remainder of J90-J94	2,727 1,942 662 123	9.30 6.62 2.26 0.42
<b>OTHER DISEASES OF THE RESPIRATORY SYSTEM</b> Respiratory failure, not elsewhere classified Remainder of other diseases of the respiratory system	J95-J99 J96 Remainder of J95-J99	1,738 167 1,571	5.92 0.57 5.36
<b>JUMLAH / Total</b>		135,858	463.10

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, 2012:**  
**DISEASES OF THE DIGESTIVE SYSTEM**

Table 3.6. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: 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> Dental caries Gingivitis and periodontal diseases Stomatitis and related lesions Remainder of diseases of oral cavity, salivary glands and jaws	K00-K14 K02 K05 K12 Remainder of K00-K14	3,192 1,121 93 433 1,545	10.88 3.82 0.32 1.48 5.27
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b> Diseases of oesophagus Gastric ulcer Dodenal ulcer Peptic ulcer, site unspecified Gastrojejunal ulcer Gastritis and duodenitis Remainder of diseases of oesophagus, stomach and duodenum	K20-K31 K20-K22 K25 K26 K27 K28 K29 Remainder of K20-K31	11,588 1,769 938 377 942 45 6,794 723	39.50 6.03 3.20 1.29 3.21 0.15 23.16 2.46
<b>DISEASES OF APPENDIX</b> Acute appendicitis Other appendicitis Unspecified appendicitis Other diseases of the appendix	K35-K38 K35 K36 K37 K38	13,276 11,813 143 974 346	45.25 40.27 0.49 3.32 1.18
<b>HERNIA</b> Inguinal hernia Other hernias	K40-K46 K40 K41-K46	6,516 5,476 1,040	22.21 18.67 3.55

**JADUAL 3.6. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE DIGESTIVE SYSTEM (SAMB.)**

Table 3.6. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Digestive System (Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Digestive System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>DISEASES OF INTESTINES AND PERITONEUM</b>			
Crohn's disease and ulcerative colitis	K50-K67	9,468	32.27
Other noninfective gastroenteritis and colitis	K50-K51	144	0.49
Paralytic ileus and intestinal obstruction without hernia	K52	1,118	3.81
Diverticular diseases of intestine	K56	2,207	7.52
Fissure and fistula of anal and rectal regions	K57	502	1.71
Abscess of anal and rectal regions	K60	512	1.75
Other diseases of intestine, anus and rectum	K61	1,110	3.78
Peritonitis	K55, K58-K59, K62-K63	2,746	9.36
Other disorders of peritoneum	K65	494	1.68
	K66-K67	635	2.16
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>			
Alcoholic liver disease	K70-K93	17,349	59.14
Hepatic failure, not elsewhere classified	K70	407	1.39
Chronic hepatitis, not elsewhere classified	K72	933	3.18
Fibrosis and cirrhosis of liver	K73	6	0.02
Cholelithiasis	K74	1,171	3.99
Cholecystitis	K80	3,643	12.42
Acute pancreatitis	K81	1,399	4.77
Remainder of other diseases of the digestive system	K85	1,285	4.38
	Remainder of K70-K93	8,505	28.99
<b>JUMLAH / Total</b>		<b>61,389</b>	<b>209.26</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, 2012:**  
**DISEASES OF THE GENITOURINARY SYSTEM**

Table 3.7 : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Genitourinary System

DETAILED CAUSE GROUPS <i>( Diseases of the Genitourinary System )</i>	KOD I.C.D.10 <i>I.C.D.10 Code</i>	BILANGAN DISCAJ <sup>P</sup> <i>No. of Discharges<sup>P</sup></i>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) <i>Discharge Rate (Per 100,000 Population)</i>
<b>GLOMERULAR DISEASES</b> Acute and progressive nephritic syndrome Chronic nephritic syndrome Nephritic syndrome Remainder of glomerular diseases	N00-N08 N00-N01 N03 N04 Remainder of N00-N08	5,143 1,508 1,201 1,915 519	17.53 5.14 4.09 6.53 1.77
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b> Renal tubulo-interstitial diseases	N10-N16 N10-N16	3,116 3,116	10.62 10.62
<b>RENAL FAILURE</b> Acute renal failure Chronic kidney disease Unspecified kidney failure	N17-N19 N17 N18 N19	14,683 1,981 12,199 503	50.05 6.75 41.58 1.71
<b>OTHER DISEASES OF THE URINARY SYSTEM</b> Calculus of kidney, ureter and lower urinary tract Unspecified renal colic Other disorders of kidney and ureter Cystitis Urethritis and urethral syndrome Urethral stricture Remainder of other diseases of the urinary system	N20-N39 N20-N22 N23 N25-N29 N30 N34 N35 Remainder of N20-N39	16,638 3,722 1,303 1,170 363 43 400 9,637	56.71 12.69 4.44 3.99 1.24 0.15 1.36 32.85

**JADUAL 3.7. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE GENITOURINARY SYSTEM (SAMB.)**

Table 3.7 : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Genitourinary System  
(Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Genitourinary System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>DISEASES OF MALE GENITAL ORGANS</b> Hyperplasia of prostate Hydrocele and spermatocele Orchitis and epididymitis Male infertility Redundant prepuce, phimosis and paraphimosis Remainder of Diseases of Male Genital Organs	N40-N51 N40 N43 N45 N46 N47 Remainder of N40-N51	3,994 1,178 521 804 10 445 1,036	13.61 4.02 1.78 2.74 0.03 1.52 3.53
<b>DISORDERS OF BREAST</b> Disorders of breast	N60-N64 N60-N64	1,707 1,707	5.82 5.82
<b>DISORDERS OF FEMALE GENITAL ORGANS</b> Salpingitis and oophoritis Inflammatory disease of uterus, except cervix Inflammatory disease of cervix uteri Other inflammatory diseases of female pelvic organs Endometriosis Female genital prolapse Erosion and ectropian of cervix uteri Disorders of menstruation Menopausal and other perimenopausal disorders Female infertility Remainder of disorders of female genital organs	N70-N99 N70 N71 N72 N73-N77 N80 N81 N86 N91-N92 N95 N97 Remainder of N70-N99	10,077 260 392 26 1,332 975 398 79 2,260 320 285 3,750	34.35 0.89 1.34 0.09 4.54 3.32 1.36 0.27 7.70 1.09 0.97 12.78
<b>JUMLAH / Total</b>		55,358	188.70

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, 2012:  
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD**

Table 3.8. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Certain Conditions Originating in the Perinatal Period

DETAILED CAUSE GROUPS <i>( Certain Conditions Originating in the Perinatal Period )</i>	KOD I.C.D.10 <i>I.C.D.10 Code</i>	BILANGAN DISCAJ <sup>p</sup> <i>No. of Discharges<sup>p</sup></i>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) <i>Discharge Rate (Per 100,000 Population)</i>
<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	P00-P04	2,129	7.26
	P00-P04	2,129	7.26
<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	P05-P08	7,871	26.83
	P05	1,013	3.45
	P07	6,287	21.43
	P08	571	1.95
<b>BIRTH TRAUMA</b> Birth trauma	P10-P15	782	2.67
	P10-P15	782	2.67
<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	P20-P29	12,639	43.08
	P20-P21	2,332	7.95
	P22	5,240	17.86
	P24	1,635	5.57
	Remainder of P20-P29	3,432	11.70
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	P35-P39	11,379	38.79
	P35-P39	11,379	38.79

**JADUAL 3.8. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SAMB.)**

Table 3.8. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: Certain Conditions Originating in the Perinatal Period (Cont'd)

DETAILED CAUSE GROUPS <i>( Certain Conditions Originating in the Perinatal Period )</i>	KOD I.C.D.10 <i>I.C.D.10 Code</i>	BILANGAN DISCAJ <sup>a</sup> <i>No. of Discharges<sup>a</sup></i>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) <i>Discharge Rate (Per 100,000 Population)</i>
<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	P50-P61  P55 P58-P59 Remainder of P50-P61	48,303  650 47,103 550	164.65  2.22 160.56 1.87
<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	P70-P96  P70-P74 P75-P78 P80-P83  P90 P92 Remainder of P70-P96	8,097  5,534 547 532  49 570 865	27.60  18.86 1.86 1.81  0.17 1.94 2.95
<b>JUMLAH / Total</b>		<b>91,200</b>	<b>310.87</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, 2012:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: 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<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>TRANSPORT ACCIDENTS</b>	<b>V01-V99</b>	<b>28,960</b>	<b>98.72</b>
Pedestrian injured in transport accident	V01-V09	459	1.56
Pedal cyclist injured in transport accident	V10-V19	692	2.36
Motorcycle rider injured in transport accident	V20-V29	8,115	27.66
Occupant of three-wheeled motor vehicle injured in transport accident	V30-V39	23	0.08
Car occupant injured in transport accident	V40-V49	1,124	3.83
Occupant of pick-up truck or van injured in transport accident	V50-V59	92	0.31
Occupant of heavy transport vehicle injured in transport accident	V60-V69	152	0.52
Bus occupant injured in transport accident	V70-V79	21	0.07
Other land transport accidents	V80-V89	18,231	62.14
Water transport accidents	V90-V94	24	0.08
Air and space transport accidents	V95-V97	1	0.00
Other and unspecified transport accidents	V98-V99	26	0.09
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>	<b>W00-X59</b>	<b>42,512</b>	<b>144.91</b>
Falls	W00-W19	10,244	34.92
Exposure to inanimate mechanical forces	W20-W49	4,565	15.56
Exposure to animate mechanical forces	W50-W64	810	2.76
Accidental drowning and submersion	W65-W74	126	0.43
Other accidental threats to breathing	W75-W84	73	0.25
Exposure to electric current, radiation and extreme ambient air temperature and pressure	W85-W99	218	0.74
Exposure to smoke, fire and flames	X00-X09	1,233	4.20
Contact with heat and hot substances	X10-X19	646	2.20
Contact with venomous animals and plants	X20-X29	3,410	11.62
Exposure to forces of nature	X30-X39	52	0.18
Accidental poisoning by and exposure to noxious substances	X40-X49	2,055	7.00
Overexertion, travel and privation	X50-X57	30	0.10
Accidental exposure to other and unspecified factors	X58-X59	19,050	64.94

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: External Causes of Morbidity and Mortality (Cont'd)

DETAILED CAUSE GROUPS (External Causes of Morbidity and Mortality)	KOD I.C.D.10 I.C.D.10 Code	BILANGAN DISCAJ <sup>P</sup> No. of Discharges <sup>P</sup>	KADAR DISCAJ (SETIAP 100,000 PENDUDUK) Discharge Rate (Per 100,000 Population)
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	X60-X84 X60-X84	1,020 1,020	3.48 3.48
<b>ASSAULT</b> Assault	X85-Y09 X85-Y09	2,004 2,004	6.83 6.83
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	Y10-Y34 Y10-Y34	1,746 1,746	5.95 5.95
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	Y35-Y36 Y35-Y36	2 2	0.01 0.01
<b>COMPLICATIONS OF MEDICAL AND SURGICAL CARE</b> Drugs, medicaments and biological substances causing adverse effects in therapeutic use Misadventures to patients during surgical and medical care Medical devices associated with adverse incidents in diagnostic and therapeutic use 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	Y40-Y84 Y40-Y59  Y60-Y69 Y70-Y82  Y83-Y84	4,253 842  118 49  3,244	14.50 2.87  0.40 0.17  11.60

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2012: External Causes of Morbidity and Mortality (Cont'd)

<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 <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>SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> Sequelae of External Causes of Morbidity and Mortality	Y85-Y89 Y85-Y89	173 173	0.59 0.59
<b>SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE</b> Supplementary Factors Related to Causes of Morbidity and Mortality Classified	Y90-Y98 Y90-Y98	29 29	0.10 0.10
<b>JUMLAH / Total</b>		80,699	275.08

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 3.10. : KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2008 - 2012**

Table 3.10. : Incidence Rate of Motor Vehicle Accidents, Malaysia, 2008 - 2012

PERKARA Subject	2008	2009	2010	2011	2012
1. Bilangan Kecederaan Yang Disebabkan Oleh Kemalangan Kenderaan Bermotor <i>Number of Casualties Due to Motor Vehicle Accidents</i>	32,274	31,417	28,269	25,570	24,439
2. Bilangan Kemalangan Kenderaan Bermotor <i>Number of Motor Vehicle Accidents</i>	373,071	397,330	414,421	449,040	462,423
3. Anggaran Penduduk <sup>1</sup> <i>Estimated Population</i>	27,567,600	28,081,500	28,588,600	28,964,300	29,336,800
4. Kadar Kejadian Kemalangan Kereta Bermotor Bagi Setiap 10,000 Penduduk <i>Incidence Rate of Motor Vehicle Accidents per 10,000 population</i>	135.33	141.49	144.96	155.03	157.63

Nota : <sup>1</sup> 2008-2009: Anggaran Penduduk Pertengahan Tahun Antara Banci berdasarkan Banci Penduduk dan Perumahan Malaysia 2000 dan 2010 yang disesuaikan.

*Intercensal Mid Year Population Estimates based on the adjusted Population and Housing Census of Malaysia 2000 and 2010*

2011-2012: Anggaran Penduduk Pertengahan Tahun berdasarkan Data Banci Penduduk dan Perumahan Malaysia 2010 yang disesuaikan.

*Mid Year Population Estimates based on the adjusted Population and Housing Census of Malaysia 2010*

Punca : Polis Diraja Malaysia

<sup>1</sup> Jabatan Perangkaan Malaysia

Source : Royal Malaysian Police

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

**JADUAL 3.11. : KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2012**Table 3.11. : *Incidence Rate of Industrial Accidents, Malaysia, 2012*

1. Bilangan Kecederaan Yang Disebabkan Oleh Kemalangan Perusahaan <i>Number of Casualties Due to Industrial Accidents</i>	61,552
2. Bilangan Pekerja Aktif Perkeso ('000) <i>Number of SOCSO's Active Employees ('000)</i>	5,877
3. Kadar Kejadian Kemalangan Perusahaan Bagi Setiap 100,000 Tenaga Bekerja <i>Incidence Rate of Industrial Accidents per 100,000 Workforce</i>	1,047

Punca : Pertubuhan Keselamatan Sosial Malaysia

Source : *Social Security Organisation Malaysia*

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT BAWAAN AIR DAN MAKANAN**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012:  
 Food and Water Borne Diseases

NEGERI State	KOLERA <i>Cholera</i>		KERACUNAN MAKANAN <i>Food Poisoning</i>		TIFOID <i>Typhoid</i>	
	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	0	0	0	0	0	0
Kedah	0	0	0	0	0	0
Pulau Pinang	0	0	0	0	0	0
Perak	0	0	0	0	0	0
Selangor	0	0	0	0	0	0
W.P. Kuala Lumpur <sup>1</sup>	0	0	0	0	0	0
W.P. Labuan	0	0	0	0	0	0
Negeri Sembilan	0	0	0	0	0	0
Melaka	0	0	0	0	0	0
Johor	0	0	1	0.03	1	0.03
Pahang	0	0	0	0	0	0
Terengganu	0	0	0	0	0	0
Kelantan	0	0	0	0	0	0
Sabah	1	0.03	0	0	0	0
Sarawak	0	0	0	0	0	0
<b>MALAYSIA</b>	<b>1</b>	<b>0.00</b>	<b>1</b>	<b>0.00</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

- Tiada kes kematian dilaporkan bagi penyakit Disenteri dan Hepatitis A pada tahun 2012  
No deaths were reported for Dysentery and Hepatitis A in 2012

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT BAWAAN VEKTOR**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012:  
 Vector Borne Diseases

NEGERI State	DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>		MALARIA <i>Malaria</i>	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	1	0.42	0	0
Kedah	4	0.20	0	0
Pulau Pinang	1	0.06	0	0
Perak	5	0.21	0	0
Selangor	12	0.21	0	0
W.P. Kuala Lumpur <sup>1</sup>	5	0.28	0	0
W.P. Labuan	0	0	0	0
Negeri Sembilan	2	0.19	0	0
Melaka	0	0	0	0
Johor	1	0.03	0	0
Pahang	1	0.06	2	0.13
Terengganu	0	0	0	0
Kelantan	0	0	2	0.12
Sabah	2	0.06	9	0.27
Sarawak	1	0.04	3	0.12
<b>MALAYSIA</b>	<b>35</b>	<b>0.12</b>	<b>16</b>	<b>0.05</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 2012

No deaths were reported for Dengue, Plague, Typhus and Yellow Fever in 2012

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT CEGAHAN VAKSIN**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012:  
 Vaccine Preventable Diseases

NEGERI State	HEPATITIS B		TETANUS NEONATORUM <i>Neonatal Tetanus</i>	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN** Mortality Rate**
Perlis	0	0	0	0
Kedah	1	0.05	0	0
Pulau Pinang	1	0.06	0	0
Perak	0	0	0	0
Selangor	6	0.11	0	0
W.P. Kuala Lumpur <sup>1</sup>	1	0.06	0	0
W.P. Labuan	0	0	0	0
Negeri Sembilan	1	0.09	0	0
Melaka	0	0	0	0
Johor	1	0.03	0	0
Pahang	4	0.26	0	0
Terengganu	6	0.55	0	0
Kelantan	2	0.12	0	0
Sabah	0	0	2	0.04
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>23</b>	<b>0.08</b>	<b>2</b>	<b>0.00</b>

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT CEGAHAN VAKSIN (SAMB.)**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012:  
 Vaccine Preventable Diseases (Cont'd)

NEGERI State	LAIN-LAIN TETANUS Other Tetanus		BATUK KOKOL Whooping Cough	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0	0	0
Kedah	1	0.05	0	0
Pulau Pinang	0	0	0	0
Perak	0	0	0	0
Selangor	0	0	0	0
W.P. Kuala Lumpur <sup>1</sup>	0	0	0	0
W.P. Labuan	0	0	0	0
Negeri Sembilan	1	0.09	0	0
Melaka	0	0	0	0
Johor	0	0	0	0
Pahang	0	0	0	0
Terengganu	1	0.09	0	0
Kelantan	0	0	0	0
Sabah	1	0.03	2	0.06
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>4</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

\*\*Kadar kematian bagi setiap 1,000 kelahiran hidup/Mortality rate per 1,000 live births

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

- Tiada kes kematian dilaporkan bagi penyakit Akut Poliomelitis, Diphtheria dan Campak pada tahun 2012  
No deaths were reported for Acute Poliomyelitis, Diphtheria and Measles in 2012

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
 PENYAKIT TRANSMISI SECARA SEKSUAL**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012:  
 Sexually Transmitted Diseases

NEGERI State	SIFILIS <i>Syphilis</i>	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0
Kedah	0	0
Pulau Pinang	0	0
Perak	0	0
Selangor	0	0
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	1	0.06
Terengganu	0	0
Kelantan	0	0
Sabah	0	0
Sarawak	0	0
<b>MALAYSIA</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

- Tiada kes kematian dilaporkan bagi penyakit Chancroid dan Gonorrhoea pada tahun 2012  
No deaths were reported for Chancroid and Gonorrhoea in 2012

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
LAIN-LAIN PENYAKIT BERJANGKIT**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012:  
Other Infectious Diseases

NEGERI State	AIDS		PENYAKIT TANGAN, KAKI DAN MULUT Hand, Foot and Mouth Diseases (HFMD)	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	1	0.42	0	0
Kedah	16	0.80	0	0
Pulau Pinang	9	0.56	0	0
Perak	38	1.57	0	0
Selangor	49	0.87	1	0.02
W.P. Kuala Lumpur <sup>1</sup>	17	0.95	0	0
W.P. Labuan	2	2.18	0	0
Negeri Sembilan	16	1.51	0	0
Melaka	47	5.58	0	0
Johor	30	0.87	0	0
Pahang	113	7.30	0	0
Terengganu	48	4.39	0	0
Kelantan	73	4.45	0	0
Sabah	31	0.92	0	0
Sarawak	45	1.77	0	0
<b>MALAYSIA</b>	<b>535</b>	<b>1.82</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 : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012:  
Other Infectious Diseases (Cont'd)

NEGERI State	HEPATITIS C		HIV	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0	0	0
Kedah	2	0.10	10	0.50
Pulau Pinang	0	0	0	0
Perak	0	0	3	0.12
Selangor	8	0.14	18	0.32
W.P. Kuala Lumpur <sup>1</sup>	0	0	21	1.17
W.P. Labuan	0	0	0	0
Negeri Sembilan	7	0.66	7	0.66
Melaka	0	0	2	0.24
Johor	1	0.03	15	0.44
Pahang	9	0.58	9	0.58
Terengganu	5	0.46	44	4.03
Kelantan	0	0	36	2.19
Sabah	0	0	2	0.06
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>32</b>	<b>0.11</b>	<b>167</b>	<b>0.57</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 : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2012:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMB.)**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2012:  
Other Infectious Diseases (Cont'd)

NEGERI State	LEPTOSPIROSIS		TIBI Tuberculosis		VIRAL ENCEPHALITIS	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	2	0.84	5	2.09	0	0
Kedah	5	0.25	88	4.41	0	0
Pulau Pinang	2	0.12	106	6.58	0	0
Perak	4	0.17	167	6.91	0	0
Selangor	7	0.12	185	3.27	0	0
W.P. Kuala Lumpur <sup>1</sup>	0	0	79	4.41	0	0
W.P. Labuan	1	1.09	4	4.37	0	0
Negeri Sembilan	2	0.19	32	3.03	1	0.09
Melaka	2	0.24	41	4.87	0	0
Johor	1	0.03	91	2.65	0	0
Pahang	0	0	75	4.84	0	0
Terengganu	3	0.27	59	5.40	0	0
Kelantan	4	0.24	109	6.64	0	0
Sabah	8	0.24	237	7.03	0	0
Sarawak	7	0.27	136	5.34	1	0.04
<b>MALAYSIA</b>	<b>48</b>	<b>0.16</b>	<b>1,414</b>	<b>4.82</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 Ebola, Kusta, Other Specified Viral Hepatitis, Rabies dan Demam Berulang pada tahun 2012

No deaths were reported for Ebola, Leprosy, Other Specified Viral Hepatitis, Rabies and Relapsing Fever in 2012

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:**

**DISEASES OF THE CIRCULATORY SYSTEM**

Table 3.13. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Circulatory System

DETAILED CAUSE GROUPS ( Diseases of the Circulatory System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b> Acute rheumatic fever Chronic rheumatic heart diseases	I00-I09 I00-I02 I05-I09	35 1 34	0.12 0.00 0.12
<b>HYPERTENSIVE DISEASES</b> Essential (primary) hypertension Hypertensive heart disease Hypertensive renal disease Hypertensive heart and renal disease Secondary hypertension	I10-I15 I10 I11 I12 I13 I15	128 76 11 20 19 2	0.44 0.26 0.04 0.07 0.06 0.01
<b>ISCHAEMIC HEART DISEASES</b> Angina pectoris Acute myocardial infarction Remainder of ischaemic heart disease	I20-I25 I20 I21 Remainder of I20-I25	2,270 726 1,061 483	7.74 2.47 3.62 1.65
<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	I26-I52 I26 I30 I33 I40 I46 I44-I45, I47-I49 I50 Remainder of I26-I52	1,334 99 0 41 1 247 179 605 162	4.55 0.34 0.00 0.14 0.00 0.84 0.61 2.06 0.55

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE CIRCULATORY SYSTEM (SAMB.)**

Table 3.13. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Circulatory System (Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Circulatory System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>p</sup> No. of Deaths <sup>p</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>CEREBROVASCULAR DISEASES</b>	<b>I60-I69</b>	<b>2,142</b>	<b>7.30</b>
Subarachnoid haemorrhage	I60	87	0.30
Intracerebral haemorrhage	I61	404	1.38
Cerebral infarction	I63	197	0.67
Stroke, not specified as haemorrhage or infarction	I64	996	3.40
Remainder of cerebrovascular disease	Remainder of I60-I69	458	1.56
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>	<b>199</b>	<b>0.68</b>
Atherosclerosis	I70	1	0.00
Aortic aneurysm and dissection	I71	66	0.22
Other aneurysm and dissection	I72	26	0.09
Arterial embolism and thrombosis	I74	8	0.03
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	17	0.06
Phlebitis and thrombophlebitis	I80	7	0.02
Varicose veins of lower extremities	I83	3	0.01
Haemorrhoids	I84	5	0.02
Oesophageal varices	I85	24	0.08
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	42	0.14
<b>JUMLAH / Total</b>		<b>6,108</b>	<b>20.82</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, 2012:  
NEOPLASMS**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Neoplasms

DETAILED CAUSE GROUPS ( Neoplasms )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>p</sup> No. of Deaths <sup>p</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>MALIGNANT NEOPLASMS OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	C00-C14 C00-C14	138 138	0.47 0.47
<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	C15-C26 C15 C16 C18 C19-C21 C22 C25 Remainder of C15-C26	693 35 106 140 109 210 72 21	2.36 0.12 0.36 0.48 0.37 0.72 0.25 0.07
<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	C30-C39 C32 C33-C34 Remainder of C30-C39	585 21 553 11	1.99 0.07 1.89 0.04
<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	C40-C50 C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	346 27 18 29 272 0	1.18 0.09 0.06 0.10 0.93 0

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
NEOPLASMS (SAMB.)**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS ( Neoplasms )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>MALIGNANT NEOPLASMS OF GENITAL ORGANS AND URINARY TRACT</b>	<b>C51-C68</b>	<b>308</b>	<b>1.05</b>
Malignant neoplasm of cervix uteri	C53	72	0.25
Malignant neoplasm of other and unspecified part of uterus	C54-C55	32	0.11
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	82	0.28
Malignant neoplasm of prostate	C61	42	0.14
Malignant neoplasm of bladder	C67	35	0.12
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	45	0.15
<b>MALIGNANT NEOPLASMS OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>	<b>C69-C72</b>	<b>80</b>	<b>0.27</b>
Malignant neoplasms of eye, brain and other parts of central nervous system	C69-C72	80	0.27
<b>MALIGNANT NEOPLASMS OF THYROID AND OTHER ENDOCRINE GLANDS</b>	<b>C73-C75</b>	<b>39</b>	<b>0.13</b>
Malignant neoplasms of thyroid and other endocrine glands	C73-C75	39	0.13
<b>MALIGNANT NEOPLASMS OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b>	<b>C76-C80</b>	<b>290</b>	<b>0.99</b>
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	290	0.99
<b>MALIGNANT NEOPLASMS OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b>	<b>C81-C96</b>	<b>355</b>	<b>1.21</b>
Hodgkin's disease	C81	6	0.02
Non-Hodgkin's disease	C82-C85	115	0.39
Leukaemia	C91-C95	194	0.66
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	40	0.14

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
NEOPLASMS (SAMB.)**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Neoplasms (Cont'd)

DETAILED CAUSE GROUPS ( Neoplasms )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>MALIGNANT NEOPLASMS OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasms of independent (primary) multiple sites	C97	10	0.03
	C97	10	0.03
<b>IN SITU NEOPLASMS</b> In situ neoplasms	D00-D09 D00-D09	24 24	0.08 0.08
<b>BENIGN NEOPLASMS</b> Benign neoplasm of skin Benign neoplasm of breast Leiomyoma of uterus Remainder of benign neoplasms	D10-D36 D22-D23 D24 D25 Remainder of D10-D36	18 1 0 1 16	0.06 0.00 0 0.00 0.05
<b>NEOPLASMS OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	D37-D48 D37-D48	87 87	0.30 0.30
<b>JUMLAH / Total</b>		2,973	10.13

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, 2012:  
ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES**

*Table 3.15. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Endocrine, Nutritional and Metabolic Diseases*

Detailed Cause Groups ( Endocrine, Nutritional and Metabolic Diseases )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>p</sup> No. of Deaths <sup>p</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>	<b>440</b>	<b>1.50</b>
Iodine deficiency-related thyroid disorders	E00-E02	0	0
Thyrotoxicosis (hyperthyroidism)	E05	12	0.04
Diabetes mellitus	E10-E14	0	0
Hypoparathyroidism	E20	179	0.61
Kwashiokor	E40	0	0
Other malnutrition conditions	E41-E46	14	0.05
Other nutritional deficiencies	E50-E64	0	0
Obesity	E66	1	0.00
Remainder of obesity and other hyperalimentation	E65, E67-E68	0	0
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	234	0.80
<b>JUMLAH / Total</b>		<b>440</b>	<b>1.50</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, 2012:  
DISEASES OF THE RESPIRATORY SYSTEM**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Respiratory System

DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>ACUTE UPPER RESPIRATORY INFECTIONS</b>	<b>J00-J06</b>	<b>16</b>	<b>0.05</b>
Acute nasopharyngitis	J00	0	0
Acute sinusitis	J01	0	0
Acute pharyngitis	J02	1	0.00
Acute tonsillitis	J03	2	0.01
Acute laryngitis and tracheitis	J04	2	0.01
Remainder of diseases of the upper respiratory tract	Remainder of J00-J06	11	0.04
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J10-J22</b>	<b>2,997</b>	<b>10.22</b>
Influenza	J10-J11	4	0.01
Viral pneumonia, not elsewhere classified	J12	29	0.10
Other pneumonia	J13-J18	2,956	10.08
Acute bronchitis	J20	0	0
Acute bronchiolitis	J21	7	0.02
Unspecified acute lower respiratory infections	J22	1	0.00
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>	<b>11</b>	<b>0.04</b>
Chronic sinusitis	J32	2	0.01
Chronic diseases of tonsils and adenoids	J35	2	0.01
Remainder of other diseases of upper respiratory tract	Remainder of J30-J39	7	0.02

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: 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>	<b>453</b>	<b>1.54</b>
Bronchitis, not specified as acute or chronic	J40	0	0
Emphysema	J43	2	0.01
Other chronic obstructive pulmonary disease	J44	345	1.18
Asthma	J45-J46	60	0.20
Bronchiectasis	J47	45	0.15
Other chronic lower respiratory tract diseases	J41-J42	1	0.00
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>	<b>632</b>	<b>2.15</b>
Pneumoconiosis	J60-J65	3	0.01
Other lung diseases due to external agents	J66-J70	629	2.14
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>	<b>286</b>	<b>0.97</b>
Pulmonary oedema	J81	233	0.79
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	53	0.18
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>	<b>30</b>	<b>0.10</b>
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	30	0.10

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
DISEASES OF THE RESPIRATORY SYSTEM (SAMB.)**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Respiratory System (Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Respiratory System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>OTHER DISEASES OF PLEURA</b> Pleural effusion, not elsewhere classified Pneumothorax Remainder of other diseases of pleura	J90-J94 J90 J93 Remainder of J90-J94	86 62 22 2	0.29 0.21 0.07 0.01
<b>OTHER DISEASES OF THE RESPIRATORY SYSTEM</b> Respiratory failure, not elsewhere classified Remainder of other diseases of the respiratory system	J95-J99 J96 Remainder of J95-J99	185 83 102	0.63 0.28 0.35
<b>JUMLAH / Total</b>		<b>4,696</b>	<b>16.01</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, 2012:**  
**DISEASES OF THE DIGESTIVE SYSTEM**

Table 3.17. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: 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 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 ORAL CAVITY, SALIVARY GLANDS AND JAWS</b> Dental caries Gingivitis and periodontal diseases Stomatitis and related lesions Remainder of diseases of oral cavity, salivary glands and jaws	K00-K14 K02 K05 K12 Remainder of K00-K14	6 1 0 3 2	0.02 0.00 0 0.01 0.01
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b> Diseases of oesophagus Gastric ulcer Dodenal ulcer Peptic ulcer, site unspecified Gastrojejunal ulcer Gastritis and duodenitis Remainder of diseases of oesophagus, stomach and duodenum	K20-K31 K20-K22 K25 K26 K27 K28 K29 Remainder of K20-K31	108 6 48 24 16 3 3 8	0.37 0.02 0.16 0.08 0.05 0.01 0.01 0.03
<b>DISEASES OF APPENDIX</b> Acute appendicitis Other appendicitis Unspecified appendicitis Other diseases of the appendix	K35-K38 K35 K36 K37 K38	26 24 1 0 1	0.09 0.08 0.00 0 0.00
<b>HERNIA</b> Inguinal hernia Other hernias	K40-K46 K40 K41-K46	13 7 6	0.04 0.02 0.02

**JADUAL 3.17. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:**  
**DISEASES OF THE DIGESTIVE SYSTEM (SAMB.)**

Table 3.17 : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Digestive System (Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Digestive System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>p</sup> No. of Deaths <sup>p</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	K50-K67	186	0.63
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	55	0.19
Diverticular diseases of intestine	K57	7	0.02
Fissure and fistula of anal and rectal regions	K60	0	0
Abscess of anal and rectal regions	K61	4	0.01
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	68	0.23
Peritonitis	K65	44	0.15
Other disorders of peritoneum	K66-K67	3	0.01
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	K70-K93	930	3.17
Alcoholic liver disease	K70	28	0.10
Hepatic failure, not elsewhere classified	K72	184	0.63
Chronic hepatitis, not elsewhere classified	K73	0	0
Fibrosis and cirrhosis of liver	K74	104	0.35
Cholelithiasis	K80	13	0.04
Cholecystitis	K81	7	0.02
Acute pancreatitis	K85	50	0.17
Remainder of other diseases of the digestive system	Remainder of K70-K93	544	1.85
<b>JUMLAH / Total</b>		<b>1,269</b>	<b>4.33</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, 2012:  
DISEASES OF THE GENITOURINARY SYSTEM**

Table 3.18. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Genitourinary System

DETAILED CAUSE GROUPS ( Diseases of the Genitourinary System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>GLOMERULAR DISEASES</b> Acute and progressive nephritic syndrome Chronic nephritic syndrome Nephritic syndrome Remainder of glomerular diseases	N00-N08 N00-N01 N03 N04 Remainder of N00-N08	63 15 36 11 1	0.21 0.05 0.12 0.04 0.00
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b> Renal tubulo-interstitial diseases	N10-N16 N10-N16	25 25	0.09 0.09
<b>RENAL FAILURE</b> Acute renal failure Chronic kidney disease Unspecified kidney failure	N17-N19 N17 N18 N19	656 189 413 54	2.24 0.64 1.41 0.18
<b>OTHER DISEASES OF THE URINARY SYSTEM</b> Calculus of kidney, ureter and lower urinary tract Unspecified renal colic Other disorders of kidney and ureter Cystitis Urethritis and urethral syndrome Urethral stricture Remainder of other diseases of the urinary system	N20-N39 N20-N22 N23 N25-N29 N30 N34 N35 Remainder of N20-N39	275 15 0 24 2 0 1 233	0.94 0.05 0 0.08 0.01 0 0.00 0.79

**JADUAL 3.18. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:**  
**DISEASES OF THE GENITOURINARY SYSTEM (SAMB.)**

Table 3.18. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Diseases of the Genitourinary System (Cont'd)

DETAILED CAUSE GROUPS ( Diseases of the Genitourinary System )	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>P</sup> No. of Deaths <sup>P</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>DISEASES OF MALE GENITAL ORGANS</b>	<b>N40-N51</b>	<b>12</b>	<b>0.04</b>
Hyperplasia of prostate	N40	2	0.01
Hydrocele and spermatocele	N43	0	0
Orchitis and epididymitis	N45	1	0.00
Male infertility	N46	0	0
Redundant prepuce, phimosis and paraphimosis	N47	1	0.00
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	8	0.03
<b>DISORDERS OF BREAST</b>	<b>N60-N64</b>	<b>3</b>	<b>0.01</b>
Disorders of breast	N60-N64	3	0.01
<b>DISORDERS OF FEMALE GENITAL ORGANS</b>	<b>N70-N99</b>	<b>11</b>	<b>0.04</b>
Salpingitis and oophoritis	N70	1	0.00
Inflammatory disease of uterus, except cervix	N71	0	0
Inflammatory disease of cervix uteri	N72	0	0
Other inflammatory diseases of female pelvic organs	N73-N77	1	0.00
Endometriosis	N80	2	0.01
Female genital prolapse	N81	1	0.00
Erosion and ectropian of cervix uteri	N86	0	0
Disorders of menstruation	N91-N92	2	0.01
Menopausal and other perimenopausal disorders	N95	0	0
Female infertility	N97	0	0
Remainder of disorders of female genital organs	Remainder of N70-N99	4	0.01
<b>JUMLAH / Total</b>		<b>1,045</b>	<b>3.56</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, 2012:  
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD**

Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Certain Conditions Originating in the Perinatal Period

DETAILED CAUSE GROUPS <i>(Certain Conditions Originating in the Perinatal Period)</i>	KOD I.C.D.10 <i>I.C.D.10 Code</i>	BILANGAN KEMATIAN <sup>P</sup> <i>No. of Deaths <sup>P</sup></i>	KADAR KEMATIAN <i>(SETIAP 100,000 PENDUDUK)</i> <i>Mortality Rate (Per 100,000 Population)</i>
<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	P00-P04	7	0.02
	P00-P04	7	0.02
<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	P05-P08 P05 P07 P08	364 8 356 0	1.24 0.03 1.21 0
<b>BIRTH TRAUMA</b> Birth trauma	P10-P15 P10-P15	15 15	0.05 0.05
<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	P20-P29 P20-P21 P22 P24 Remainder of P20-P29	222 57 38 33 94	0.76 0.19 0.13 0.11 0.32
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	P35-P39 P35-P39	139 139	0.47 0.47

**JADUAL 3.19. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD (SAMB.)**

Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: Certain Conditions Originating in the Perinatal Period (Cont'd)

DETAILED CAUSE GROUPS <i>(Certain Conditions Originating in the Perinatal Period)</i>	KOD I.C.D.10 <i>I.C.D.10 Code</i>	BILANGAN KEMATIAN <sup>P</sup> <i>No. of Deaths <sup>P</sup></i>	KADAR KEMATIAN <i>(SETIAP 100,000 PENDUDUK)</i> <i>Mortality Rate (Per 100,000 Population)</i>
<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	P50-P61  P55 P58-P59 Remainder of P50-P61	52  2 27 23	0.18  0.01 0.09 0.08
<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	P70-P96  P70-P74 P75-P78 P80-P83 P90 P92 Remainder of P70-P96	70  7 24 9 0 0 30	0.24  0.02 0.08 0.03 0 0 0.10
<b>JUMLAH / Total</b>		869	2.96

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, 2012:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: External Causes of Morbidity and Mortality

DETAILED CAUSE GROUPS (External Causes of Morbidity and Mortality)	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>p</sup> No. of Deaths <sup>p</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>TRANSPORT ACCIDENTS</b>			
Pedestrian injured in transport accident	V01-V99	469	1.60
Pedal cyclist injured in transport accident	V01-V09	15	0.05
Motorcycle rider injured in transport accident	V10-V19	6	0.02
Occupant of three-wheeled motor vehicle injured in transport accident	V20-V29	94	0.32
Car occupant injured in transport accident	V30-V39	0	0
Occupant of pick-up truck or van injured in transport accident	V40-V49	21	0.07
Occupant of heavy transport vehicle injured in transport accident	V50-V59	1	0.00
Bus occupant injured in transport accident	V60-V69	3	0.01
Other land transport accidents	V70-V79	0	0
Water transport accidents	V80-V89	329	1.12
Air and space transport accidents	V90-V94	0	0
Other and unspecified transport accidents	V95-V97	0	0
	V98-V99	0	0
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>			
Falls	W00-X59	499	1.70
Exposure to inanimate mechanical forces	W00-W19	78	0.27
Exposure to animate mechanical forces	W20-W49	18	0.06
Accidental drowning and submersion	W50-W64	0	0
Other accidental threats to breathing	W65-W74	7	0.02
Exposure to electric current, radiation and extreme ambient air temperature and pressure	W75-W84	0	0
Exposure to smoke, fire and flames	W85-W99	1	0.00
Contact with heat and hot substances	X00-X09	22	0.07
Contact with venomous animals and plants	X10-X19	1	0.00
Exposure to forces of nature	X20-X29	5	0.02
Accidental poisoning by and exposure to noxious substances	X30-X39	1	0.00
Overexertion, travel and privation	X40-X49	33	0.11
Accidental exposure to other and unspecified factors	X50-X57	0	0
	X58-X59	333	1.14

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: External Causes of Morbidity and Mortality (Cont'd)

<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 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>INTENTIONAL SELF-HARM</b> Intentional self-harm	X60-X84 X60-X84	43 43	0.15 0.15
<b>ASSAULT</b> Assault	X85-Y09 X85-Y09	12 12	0.04 0.04
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	Y10-Y34 Y10-Y34	30 30	0.10 0.10
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	Y35-Y36 Y35-Y36	1 1	0.00 0.00
<b>COMPLICATIONS OF MEDICAL AND SURGICAL CARE</b> Drugs, medicaments and biological substances causing adverse effects in therapeutic use Misadventures to patients during surgical and medical care Medival devices associated with adverse incidents in diagnostic and therapeutic use 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	Y40-Y84 Y40-Y59  Y60-Y69 Y70-Y82  Y83-Y84	43 8  2 0  33	0.15 0.03  0.01 0  0.11

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012:  
EXTERNAL CAUSES OF MORBIDITY AND MORTALITY (SAMB.)**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2012: External Causes of Morbidity and Mortality (Cont'd)

DETAILED CAUSE GROUPS (External Causes of Morbidity and Mortality)	KOD I.C.D.10 I.C.D.10 Code	BILANGAN KEMATIAN <sup>p</sup> No. of Deaths <sup>p</sup>	KADAR KEMATIAN (SETIAP 100,000 PENDUDUK) Mortality Rate (Per 100,000 Population)
<b>SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> Sequelae of External Causes of Morbidity and Mortality	Y85-Y89 Y85-Y89	4 4	0.01 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	Y90-Y98 Y90-Y98	2 2	0.01 0.01
<b>JUMLAH / Total</b>		1,103	3.76

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, 2012**

Table 3.21. : Number and Percentage of Orally Fit Primary and Secondary School Children, by State, Malaysia, 2012

NEGERI State	SEKOLAH RENDAH Primary School				SEKOLAH MENENGAH Secondary School			
	ENROLMEN Enrolment	KEDATANGAN BARU New Attendances	MURID YANG TIDAK PERLU RAWATAN PERGIGIAN <i>Children Who Do Not Require Dental Treatment</i>		ENROLMEN Enrolment	KEDATANGAN BARU New Attendances	MURID YANG TIDAK PERLU RAWATAN PERGIGIAN <i>Children Who Do Not Require Dental Treatment</i>	
			BILANGAN Number	%			BILANGAN Number	%
Perlis	24,526	24,428	16,895	69.16	22,955	22,818	18,789	82.34
Kedah	204,582	202,864	148,075	72.99	170,051	163,982	139,196	84.88
Pulau Pinang	140,289	139,926	89,891	64.24	116,053	114,090	97,783	85.71
Perak	226,902	225,900	168,853	74.75	206,414	205,459	167,496	81.52
Selangor	525,095	521,097	406,814	78.07	378,410	311,732	265,249	85.09
W.P. Kuala Lumpur	133,240	133,149	94,281	70.81	103,444	103,007	93,384	90.66
W.P. Putrajaya	9,089	9,088	6,041	66.47	6,267	6,235	5,401	86.62
W.P. Labuan	7,882	7,775	5,761	74.10	6,142	6,092	4,694	77.05
Negeri Sembilan	105,581	104,980	70,911	67.55	92,572	91,743	74,261	80.94
Melaka	83,573	82,509	43,695	52.96	71,306	70,245	50,465	71.84
Johor	343,706	338,874	288,327	85.08	266,740	258,979	218,243	84.27
Pahang	151,540	150,155	94,054	62.64	122,060	120,784	87,281	72.26
Terengganu	129,434	128,205	82,040	63.99	109,700	102,653	68,985	67.20
Kelantan	191,285	188,532	63,535	33.70	170,320	133,510	81,238	60.85
Sabah	265,721	258,195	143,033	55.40	193,633	118,570	58,492	49.33
Sarawak	262,708	246,685	132,210	53.59	208,861	56,159	36,001	64.11
<b>MALAYSIA</b>	<b>2,805,153</b>	<b>2,762,362</b>	<b>1,854,416</b>	<b>67.13</b>	<b>2,244,928</b>	<b>1,886,058</b>	<b>1,466,958</b>	<b>77.78</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, 2012**

Table 3.22. : Dental Caries Status: Number of 12 Years Old School Children With  $M+X=0$  by State, Malaysia, 2012

NEGERI State	MURID SEKOLAH 12 TAHUN 12 Years Old School Children		
	KEDATANGAN BARU New Attendances	MURID 12 TAHUN DENGAN M+X=0 12 Years Old School Children With $M+X=0$	
		BILANGAN Number	%
Perlis	4,399	4,276	97.20
Kedah	38,396	37,421	97.46
Pulau Pinang	26,071	25,479	97.73
Perak	43,335	42,651	98.42
Selangor	90,480	88,769	98.11
W.P. Kuala Lumpur	23,784	23,585	99.16
W.P. Putrajaya	1,297	1,282	98.84
W.P. Labuan	1,229	1,208	98.29
Negeri Sembilan	18,895	18,329	97.00
Melaka	14,891	14,644	98.34
Johor	63,026	61,676	97.86
Pahang	26,636	25,641	96.26
Terengganu	22,678	21,149	93.26
Kelantan	34,575	32,411	93.74
Sabah	43,971	39,440	89.70
Sarawak	44,268	42,335	95.63
<b>MALAYSIA</b>	<b>497,931</b>	<b>480,296</b>	<b>96.46</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, 2012**

Table 3.23. : Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX=0) by State, Malaysia, 2012

NEGERI State	MURID SEKOLAH 12 TAHUN 12 Years Old School Children			MURID SEKOLAH 16 TAHUN 16 Years Old School Children		
	KEDATANGAN BARU New Attendances	12 TAHUN BEBAS KARIES DMFX=0 12 Years Old Caries Free With DMFX=0		KEDATANGAN BARU New Attendances	16 TAHUN BEBAS KARIES DMFX=0 16 Years Old Caries Free With DMFX=0	
		BILANGAN Number	%		BILANGAN Number	%
Perlis	4,399	3,187	72.45	4,687	2,723	58.10
Kedah	38,396	27,720	72.20	32,503	20,893	64.28
Pulau Pinang	26,071	18,465	70.83	22,107	12,228	55.31
Perak	43,335	31,260	72.14	40,406	22,732	56.26
Selangor	90,480	73,014	80.70	59,036	41,548	70.38
W.P. Kuala Lumpur	23,784	19,471	81.87	20,325	14,541	71.54
W.P. Putrajaya	1,297	1,075	82.88	1,128	810	71.81
W.P. Labuan	1,229	675	54.92	1,180	402	34.07
Negeri Sembilan	18,895	14,648	77.52	18,253	11,522	63.12
Melaka	14,891	9,771	65.62	13,882	7,219	52.00
Johor	63,026	48,033	76.21	50,369	31,562	62.66
Pahang	26,636	16,331	61.31	23,350	10,555	45.20
Terengganu	22,678	10,249	45.19	19,636	7,265	37.00
Kelantan	34,575	11,053	31.97	25,192	6,562	26.05
Sabah	43,971	13,702	31.16	21,970	4,035	18.37
Sarawak	44,268	23,233	52.48	11,107	4,630	41.69
<b>MALAYSIA</b>	<b>497,931</b>	<b>321,887</b>	<b>64.64</b>	<b>365,131</b>	<b>199,227</b>	<b>54.56</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 2012**

Table 4.1. : Distribution of Hospitals and Official Beds Strength in Public Sector by State, Malaysia as at 31 December 2012

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health Malaysia						BUKAN KEMENTERIAN KESIHATAN MALAYSIA Non Ministry of Health Malaysia	JUMLAH BESAR Grand Total		
	HOSPITAL		INSTITUSI PERUBATAN KHAS Special Medical Institutions		JUMLAH Total					
	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds		Bil./No.	Katil/Beds	
Perlis	1	404	0	0	1	404	0	0	1	404
Kedah	9	2,387	0	0	9	2,387	0	0	9	2,387
Pulau Pinang	6	1,947	0	0	6	1,947	0	0	6	1,947
Perak	14	3,580	1	2,200	15	5,780	1	147	16	5,927
Selangor	11	4,682	1	140	12	4,822	0	0	12	4,822
W.P. Kuala Lumpur	1	2,115	2	284	3	2,399	3	2,633	6	5,032
W.P. Putrajaya	1	341	0	0	1	341	0	0	1	341
W.P. Labuan	1	109	0	0	1	109	0	0	1	109
Negeri Sembilan	6	1,527	0	0	6	1,527	1	36	7	1,563
Melaka	3	1,146	0	0	3	1,146	1	144	4	1,290
Johor	11	3,634	1	1,132	12	4,766	0	0	12	4,766
Pahang	10	2,030	0	0	10	2,030	0	0	10	2,030
Terengganu	6	1,372	0	0	6	1,372	0	0	6	1,372
Kelantan	9	1,708	0	0	9	1,708	1	769	10	2,477
Sabah	22	3,640	2	806	24	4,446	0	0	24	4,446
Sarawak	21	3,456	1	338	22	3,794	0	0	22	3,794
<b>MALAYSIA</b>	<b>132</b>	<b>34,078</b>	<b>8</b>	<b>4,900</b>	<b>140</b>	<b>38,978</b>	<b>7</b>	<b>3,729</b>	<b>147</b>	<b>42,707</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 2012**

Table 4.2. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2012

NEGERI State	BILANGAN KLINIK KESIHATAN Number of Health Clinics			JUMLAH KLINIK KESIHATAN Total Health Clinics	NISBAH KLINIK KESIHATAN: PENDUDUK Health Clinic: Population Ratio	KLINIK KESIHATAN BERGERAK (PASUKAN) Mobile Health Clinics (Team)	PERKHIDMATAN DOKTOR UDARA Flying Doctor Services	
	KLINIK KESIHATAN Health Clinic	KLINIK DESA Community Clinic	KLINIK KESIHATAN IBU DAN ANAK Maternal and Child Health Clinic				Bilangan Helikopter Number of Helicopters	Pasukan Team
Perlis	9	30	0	39	1:6,138	0	0	0
Kedah	56	220	6	282	1:7,081	4	0	0
Pulau Pinang	29	60	6	95	1:16,959	0	0	0
Perak	83	239	9	331	1:7,301	15	0	0
Selangor	73	116	5	194	1:29,128	14	0	0
W.P Kuala Lumpur	13	0	17	30	1:57,113	0	0	0
W.P Putrajaya	4	0	0	4	1:19,850	0	0	0
W.P Labuan	1	10	0	11	1:8,327	0	0	0
Negeri Sembilan	46	98	1	145	1:7,285	8	0	0
Melaka	29	58	1	88	1:9,574	0	0	0
Johor	94	262	3	359	1:9,581	26	0	0
Pahang	79	241	6	326	1:4,750	20	0	0
Terengganu	45	128	1	174	1:6,281	1	0	0
Kelantan	69	186	3	258	1:6,358	5	0	0
Sabah	93	176	23	292	1:11,547	19	2	2
Sarawak	196	7	25	228	1:11,166	85	3	10
<b>MALAYSIA</b>	<b>919</b>	<b>1,831</b>	<b>106</b>	<b>2,856</b>	<b>1:10,272</b>	<b>197</b>	<b>5</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 2012 (SAMB.)**

*Table 4.2. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia as at 31 December 2012 (Cont'd)*

NEGERI State	KLINIK 1MALAYSIA* 1Malaysia Clinics*	Klinik Bergerak 1Malaysia 1Malaysia Mobile Clinics			
		Bas Bus	Pasukan Team	Bot Boat	Pasukan Team
Perlis	2	0	0	0	0
Kedah	10	0	0	0	0
Pulau Pinang	11	0	0	0	0
Perak	11	1	2	0	0
Selangor	19	1	2	0	0
W.P. Kuala Lumpur	18	0	0	0	0
W.P. Putrajaya	0	0	0	0	0
W.P. Labuan	1	0	0	0	0
Negeri Sembilan	9	0	0	0	0
Melaka	13	0	0	0	0
Johor	17	1	2	0	0
Pahang	10	2	2	0	0
Terengganu	7	0	0	0	0
Kelantan	10	0	0	0	0
Sabah	22	0	0	0	0
Sarawak	18	0	0	1	2
<b>MALAYSIA</b>	<b>178</b>	<b>5</b>	<b>8</b>	<b>1</b>	<b>2</b>

Nota>Note:

\* Seperti pada 14 Februari 2013

\* As of 14 February 2013

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 2012**

Table 4.3. : Number of Dental Facilities and Dental Facility Ratio to Population by State, Malaysia as at 31 December 2012

NEGERI State	KLINIK/PERKHIDMATAN <sup>1</sup> Clinics/Services <sup>1</sup>			NISBAH KLINIK PERGIGIAN: PENDUDUK Dental Clinic: Population Ratio	KLINIK PERGIGIAN BERGERAK Mobile Dental Clinics	NISBAH KLINIK PERGIGIAN BERGERAK: PENDUDUK Mobile Dental Clinic: Population Ratio	PASUKAN PERGIGIAN BERGERAK Mobile Dental Teams	PASUKAN PERGIGIAN BERGERAK PRA SEKOLAH Pre School Mobile Dental Teams
	KLINIK STANDALONE Standalone Clinics	PERKHIDMATAN DI DALAM FASILITI LAIN Services in Other Facilities	JUMLAH Total					
Perlis	0	43	43	1: 5,567	1	1: 239,400	4	4
Kedah	3	133	136	1: 14,682	3	1: 665,600	31	12
Pulau Pinang	1	101	102	1: 15,795	2	1: 805,550	29	14
Perak	5	176	181	1: 13,352	2	1: 1,208,350	23	9
Selangor	3	129	132	1: 42,809	2	1: 2,825,400	46	6
W.P. Kuala Lumpur	4	87	91	1: 18,829	2	1: 856,700	15	8
W.P. Putrajaya	0	3	3	1: 26,467	0	-	0	0
W.P. Labuan	0	5	5	1: 18,320	0	-	2	1
Negeri Sembilan	7	90	97	1: 10,890	1	1: 1,056,300	25	3
Melaka	3	63	66	1: 12,765	1	1: 842,500	19	3
Johor	6	188	194	1: 17,730	3	1: 1,146,533	24	8
Pahang	2	146	148	1: 10,462	3	1: 516,133	15	9
Terengganu	2	83	85	1: 12,858	2	1: 546,450	16	6
Kelantan	4	151	155	1: 10,583	1	1: 1,640,400	32	10
Sabah	6	140	146	1: 23,094	0	-	48	17
Sarawak	4	193	197	1: 12,923	4	1: 636,450	48	24
<b>MALAYSIA</b>	<b>50</b>	<b>1,731</b>	<b>1,781</b>	<b>1: 16,472</b>	<b>27</b>	<b>1: 1,086,548</b>	<b>377</b>	<b>134</b>

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

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

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 DISEMBWER 2012**

Table 4.4. : Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2012

NEGERI State	HOSPITAL SWASTA Private Hospital		RUMAH BERSALIN SWASTA Private Maternity Home		RUMAH JAGAAN KEJURURAWATAN SWASTA Private Nursing Home		HOSPIIS SWASTA Private Hospice		PUSAT JAGAAN AMBULATORI SWASTA Private Ambulatory Care Centre	
	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds	Bil./No.	Katil/Beds
Perlis	0	0	0	0	0	0	0	0	0	0
Kedah	9	526	1	8	0	0	0	0	0	0
Pulau Pinang	23	2,042	1	4	0	0	2	27	1	4
Perak	16	1,033	0	0	0	0	0	0	1	0
Selangor	57	3,819	10	36	0	0	0	0	19	60
W.P. Kuala Lumpur <sup>1</sup>	37	2,804	2	14	4	160	1	6	16	23
W.P. Putrajaya	-	-	-	-	-	-	-	-	-	-
W.P. Labuan	0	0	0	0	0	0	0	0	0	0
Negeri Sembilan	9	522	1	2	0	0	0	0	0	0
Melaka	4	827	0	0	0	0	0	0	2	0
Johor	27	1,025	1	7	8	81	1	5	4	3
Pahang	9	322	1	5	0	0	0	0	2	7
Terengganu	1	20	2	10	0	0	0	0	0	0
Kelantan	3	169	2	4	0	0	0	0	0	0
Sabah	4	89	1	4	0	0	0	0	1	0
Sarawak	10	469	1	2	3	123	0	0	3	4
<b>MALAYSIA</b>	<b>209</b>	<b>13,667</b>	<b>23</b>	<b>96</b>	<b>15</b>	<b>364</b>	<b>4</b>	<b>38</b>	<b>49</b>	<b>101</b>

**JADUAL 4.4. : TABURAN FASILITI KESIHATAN BERLESEN DI SEKTOR SWASTA MENGIKUT NEGERI, MALAYSIA SEPERTI PADA  
31 DISEMBER 2012 (SAMB.)**

Table 4.4. : Distribution of Licensed Health Facilities in Private Sector by State, Malaysia as at 31 December 2012 (Cont'd)

NEGERI State	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>		FASILITI BERDAFTAR Registered Facilities	
	Bil./No.	Bank/ Tank	Bil./No.	Kerusi Chairs	Bil./No.	Katil Beds	Bil./No.	Kerusi Chairs	Bil./No.	Bil./No.
Perlis	0	0	4	29	0	0	0	0	32	4
Kedah	0	0	34	271	0	0	0	0	324	54
Pulau Pinang	0	0	33	271	0	0	0	0	473	121
Perak	0	0	33	321	0	0	0	0	606	116
Selangor	3	13	90	755	0	0	0	0	1,673	460
W.P. Kuala Lumpur <sup>1</sup>	2	10	27	347	0	0	1	14	992	288
W.P. Putrajaya	-	-	-	-	-	-	-	-	-	-
W.P. Labuan	0	0	0	0	0	0	0	0	10	4
Negeri Sembilan	0	0	22	144	0	0	0	0	261	49
Melaka	0	0	14	110	0	0	0	0	280	40
Johor	0	0	50	578	0	0	0	0	803	169
Pahang	0	0	17	108	0	0	0	0	223	48
Terengganu	0	0	6	37	0	0	0	0	156	41
Kelantan	0	0	10	77	0	0	0	0	198	55
Sabah	0	0	11	103	0	0	0	0	329	93
Sarawak	0	0	12	196	0	0	0	0	315	81
<b>MALAYSIA</b>	<b>5</b>	<b>23</b>	<b>363</b>	<b>3,347</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>14</b>	<b>6,675</b>	<b>1,623</b>

Nota/Note:

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

<sup>2</sup> Pusat Jagaan Ambulatori dan Hemodialisis Swasta  
*Private Ambulatory Care and Haemodialysis Centre*

Punca : Bahagian Amalan Perubatan, Kementerian Kesihatan Malaysia

Source : Medical Practice Division, Ministry of Health Malaysia

**JADUAL 4.5. : 10 SEBAB UTAMA KEMASUKAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012**

Table 4.5. : 10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia, 2012

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN DISCAJ Number of Discharges	% KEPADA JUMLAH DISCAJ <sup>2</sup> % to Total Discharges <sup>2</sup>
1	<i>Pregnancy, childbirth and the puerperium</i>	401,782	27.32
2	<i>Diseases of the respiratory system</i>	162,059	11.02
3	<i>Injury, poisoning and certain other consequences of external causes</i>	120,881	8.22
4	<i>Diseases of the circulatory system</i>	111,040	7.55
5	<i>Certain conditions originating in the perinatal period</i>	111,006	7.55
6	<i>Certain infectious and parasitic diseases</i>	100,337	6.82
7	<i>Diseases of the digestive system</i>	71,779	4.88
8	<i>Diseases of the genitourinary system</i>	65,825	4.48
9	<i>Factors influencing health status and contact with health services</i>	53,576	3.64
10	<i>Neoplasms</i>	49,055	3.34
<b>ALL CAUSES</b>		<b>1,836,304<sup>1</sup></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 4.6. : 10 SEBAB UTAMA KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2012**

Table 4.6. : 10 Principal Causes of Death in Ministry of Health Hospitals, Malaysia, 2012

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN KEMATIAN Number of Deaths	% KEPADA JUMLAH KEMATIAN <sup>2</sup> % to Total Deaths <sup>2</sup>
1	Diseases of the circulatory system	7,241	24.69
2	Diseases of the respiratory system	5,515	18.80
3	Certain infectious and parasitic diseases	5,036	17.17
4	Neoplasms	3,415	11.64
5	Injury, poisoning and certain other consequences of external causes	1,559	5.32
6	Diseases of the digestive system	1,486	5.07
7	Diseases of the genitourinary system	1,225	4.18
8	Certain conditions originating in the perinatal period	1,006	3.43
9	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	547	1.87
10	Diseases of the nervous system	512	1.75
<b>ALL CAUSES</b>		<b>37,374<sup>1</sup></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 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 4.7. : 10 SEBAB UTAMA KEMASUKAN DI HOSPITAL SWASTA, MALAYSIA, 2012**

Table 4.7 : 10 Principal Causes of Hospitalisation in Private Hospitals, Malaysia, 2012

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN DISCAJ Number of Discharges	% KEPADA JUMLAH DISCAJ <sup>2</sup> % to Total Discharges <sup>2</sup>
1	<i>Diseases of the respiratory system</i>	134,528	13.66
2	<i>Pregnancy, childbirth and the puerperium</i>	133,268	13.53
3	<i>Certain infectious and parasitic diseases</i>	111,378	11.31
4	<i>Diseases of the digestive system</i>	94,030	9.55
5	<i>Injury, poisoning and certain other consequences of external causes</i>	74,340	7.55
6	<i>Diseases of the circulatory system</i>	71,573	7.27
7	<i>Diseases of the genitourinary system</i>	69,868	7.10
8	<i>Diseases of the musculoskeletal system and connective tissue</i>	53,444	5.43
9	<i>Neoplasms</i>	44,699	4.54
10	<i>Factors influencing health status and contact with health services</i>	44,239	4.49
<b>ALL CAUSES</b>		<b>990,308<sup>1</sup></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 4.8. : 10 SEBAB UTAMA KEMATIAN DI HOSPITAL SWASTA, MALAYSIA, 2012**

Table 4.8. : 10 Principal Causes of Death in Private Hospitals, Malaysia, 2012

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN KEMATIAN Number of Deaths	% KEPADA JUMLAH KEMATIAN <sup>2</sup> % to Total Deaths <sup>2</sup>
1	<i>Diseases of the circulatory system</i>	1,158	28.05
2	<i>Neoplasms</i>	1,146	27.76
3	<i>Diseases of the respiratory system</i>	474	11.48
4	<i>Certain infectious and parasitic diseases</i>	442	10.71
5	<i>Diseases of the digestive system</i>	191	4.63
6	<i>Diseases of the genitourinary system</i>	166	4.02
7	<i>Symptoms, signs and abnormal clinical and laboratory findings not elsewhere classified</i>	125	3.03
8	<i>Injury, poisoning and certain other consequences of external causes</i>	90	2.18
9	<i>Endocrine, nutritional and metabolic diseases</i>	78	1.89
10	<i>Certain conditions originating in the perinatal period</i>	73	1.77
<b><i>all causes</i></b>		<b>4,171<sup>1</sup></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 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, 2012**

Table 4.9. : 10 Principal Causes of Hospitalisation in Ministry of Health and Private Hospitals, Malaysia, 2012

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN DISCAJ Number of Discharges	% KEPADA JUMLAH DISCAJ <sup>2</sup> % to Total Discharges <sup>2</sup>
1	<i>Pregnancy, childbirth and the puerperium</i>	535,050	21.79
2	<i>Diseases of the respiratory system</i>	296,587	12.08
3	<i>Certain infectious and parasitic diseases</i>	211,715	8.62
4	<i>Injury, poisoning and certain other consequences of external causes</i>	195,221	7.95
5	<i>Diseases of the circulatory system</i>	182,613	7.44
6	<i>Diseases of the digestive system</i>	165,809	6.75
7	<i>Diseases of the genitourinary system</i>	135,693	5.53
8	<i>Certain conditions originating in the perinatal period</i>	132,569	5.40
9	<i>Factors influencing health status and contact with health services</i>	97,815	3.98
10	<i>Neoplasms</i>	93,754	3.82
<b>ALL CAUSES</b>		<b>2,826,612<sup>1</sup></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. :10 SEBAB UTAMA KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA DAN SWASTA, MALAYSIA, 2012**

Table 4.10. : 10 Principal Causes of Death in Ministry of Health and Private Hospitals, Malaysia, 2012

NO. Rank	SEBAB UTAMA <i>Principal Causes</i>	BILANGAN KEMATIAN <i>Number of Deaths</i>	% KEPADA JUMLAH KEMATIAN <sup>2</sup> <i>% to Total Deaths<sup>2</sup></i>
1	Diseases of the circulatory system	8,399	25.10
2	Diseases of the respiratory system	5,989	17.90
3	Certain infectious and parasitic diseases	5,478	16.37
4	Neoplasms	4,561	13.63
5	Diseases of the digestive system	1,677	5.01
6	Injury, poisoning and certain other consequences of external causes	1,649	4.93
7	Diseases of the genitourinary system	1,391	4.16
8	Certain conditions originating in the perinatal period	1,079	3.23
9	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	672	2.01
10	Endocrine, nutritional and metabolic diseases	587	1.76
<b>ALL CAUSES</b>		<b>41,545<sup>1</sup></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 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 4.11. : KADAR KES KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2008 - 2012**

Table 4.11. : Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2008 - 2012

PERKARA <i>Subjects</i>	2008	2009	2010	2011	2012 <sup>P</sup>
Jumlah Kematian Di Hospital KKM <i>Total Number of Deaths in MoH Hospitals</i>	45,936	48,091	46,594	47,899	37,374
Jumlah Discaj Di Hospital KKM <i>Total Number of Discharges in MoH Hospitals</i>	2,072,449	2,139,768	2,100,375	2,151,666	1,836,304
Kadar Kes Kematian Di Hospital KKM <i>Case Fatality Rate in MoH Hospitals (%)</i>	2.22	2.25	2.22	2.23	2.04

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.12. : BILANGAN KEMASUKAN MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2012**

Table 4.12. : Number of Admissions by Sector and State, Malaysia, 2012

NEGERI State	SEKTOR AWAM / Public Sector			SEKTOR SWASTA <sup>2&amp;3</sup> Private Sector <sup>2&amp;3</sup>	JUMLAH KEMASUKAN Total Admissions		
	KEMENTERIAN KESIHATAN MALAYSIA Ministry of Health		BUKAN KKM Non-MoH				
	HOSPITAL	INSTITUSI PERUBATAN KHAS <sup>1</sup> Special Medical Institutions <sup>1</sup>					
Perlis	32,653	0	0	0	32,653		
Kedah	192,684	0	0	45,330	238,014		
Pulau Pinang	137,875	0	0	152,754	290,629		
Perak	222,930	2,343	2,962	80,808	309,043		
Selangor	326,222	101	0	268,903	595,226		
W.P. Kuala Lumpur	118,286	2,533	93,528	149,415	363,762		
W.P. Putrajaya	25,112	0	0	0	25,112		
W.P. Labuan	5,636	0	0	0	5,636		
Negeri Sembilan	101,545	0	349	41,899	143,793		
Melaka	82,740	0	3,130	53,586	139,456		
Johor	285,052	1,384	0	90,438	376,874		
Pahang	136,630	0	0	18,327	154,957		
Terengganu	118,648	0	0	3,538	122,186		
Kelantan	118,235	0	37,393	15,874	171,502		
Sabah	178,989	43,883	0	11,919	234,791		
Sarawak	180,801	578	0	38,289	219,668		
<b>MALAYSIA</b>	<b>2,264,038</b>	<b>50,822</b>	<b>137,362</b>	<b>971,080</b>	<b>3,423,302</b>		

Nota/Note:

<sup>1</sup> Pada tahun 2012, Hospital Wanita dan Kanak-Kanak Likas telah dikelaskan daripada Hospital kepada Institusi Perubatan Khas.  
*In 2012, the Women and Children Hospital, Likas was reclassified from Hospital to Special Medical Institution.*

<sup>2</sup> Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta.  
*Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice*

<sup>3</sup> Berdasarkan 98.42% kadar respon / Based on 98.42% response rate

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.13. : BILANGAN KEDATANGAN PESAKIT LUAR MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2012**

Table 4.13. : Number of Outpatient Attendances by Sector and State, Malaysia, 2012

NEGERI State	SEKTOR AWAM / Public Sector				BUKAN KKM Non-Moh	SEKTOR SWASTA <sup>2&amp;3</sup> Private Sector <sup>2&amp;3</sup>	JUMLAH PESAKIT LUAR Total Outpatient Attendances			
	KEMENTERIAN KESIHATAN MALAYSIA <i>Ministry of Health</i>									
	HOSPITAL	INSTITUSI PERUBATAN KHAS <sup>1</sup> <i>Special Medical Institutions<sup>1</sup></i>	FASILITI KESIHATAN AWAM <i>Public Health Facilities</i>							
Perlis	199,791	0	492,034	0	0	0	691,825			
Kedah	1,398,801	0	2,110,615	0	79,699	3,589,115				
Pulau Pinang	1,506,041	0	1,616,089	0	235,158	3,357,288				
Perak	2,117,412	22,171	3,799,546	63,943	398,271	6,401,343				
Selangor	2,370,907	0	3,622,701	0	1,513,280	7,506,888				
W.P. Kuala Lumpur	1,134,550	27,953	1,309,055	1,503,121	523,958	4,498,637				
W.P. Putrajaya	220,169	0	0	0	0	220,169				
W.P. Labuan	72,117	0	68,867	0	0	140,984				
Negeri Sembilan	624,835	0	2,001,720	15,638	73,734	2,715,927				
Melaka	583,786	0	1,315,052	57,574	195,964	2,152,376				
Johor	1,868,515	40,031	3,971,889	0	203,041	6,083,476				
Pahang	1,018,776	0	2,003,739	0	71,283	3,093,798				
Terengganu	779,483	0	1,167,065	0	26,125	1,972,673				
Kelantan	830,624	0	1,918,900	351,837	81,250	3,182,611				
Sabah	2,450,461	145,324	2,080,024	0	28,234	4,704,043				
Sarawak	1,707,734	20,133	2,985,594	0	423,782	5,137,243				
<b>MALAYSIA</b>	<b>18,884,002</b>	<b>255,612</b>	<b>30,462,890</b>	<b>1,992,113</b>	<b>3,853,779</b>	<b>55,448,396</b>				

Nota/Note:

<sup>1</sup> Pada tahun 2012, Hospital Wanita dan Kanak-Kanak Likas telah dikelaskan daripada Hospital kepada Institusi Perubatan Khas.

*In 2012, the Women and Children Hospital, Likas was reclassified from Hospital to Special Medical Institution.*

<sup>2</sup> Termasuk Hospital Swasta, Rumah Bersalin Swasta, Rumah Jagaan Kejururawatan Swasta dan Hospis Swasta.  
*Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice*

<sup>3</sup> Berdasarkan 98.42% kadar respon / Based on 98.42% response rate

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.14. : BILANGAN KEDATANGAN PERKHIDMATAN RAWATAN HARIAN DAN SOKONGAN KLINIKAL DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.14. : Number of Day Care and Clinical Support Services Attendances in Ministry of Health Hospitals by State, Malaysia, 2012

NEGERI State	RAWATAN HARIAN <sup>1</sup> Day Care <sup>1</sup>	SOKONGAN KLINIKAL Clinical Support			
		REHABILITASI PERUBATAN (PENDENGARAN) <sup>2</sup> Medical Rehabilitation (Hearing) <sup>2</sup>	REHABILITASI PERUBATAN (PERTUTURAN) <sup>3</sup> Medical Rehabilitation (Speech) <sup>3</sup>	PERKHIDMATAN SOSIAL PERUBATAN <sup>4</sup> Medical Social Services <sup>4</sup>	DIETETIK <sup>5</sup> Dietetic <sup>5</sup>
Perlis	6,482	883	330	1,219	1,266
Kedah	87,491	5,577	1,952	2,767	7,440
Pulau Pinang	50,707	5,049	2,125	3,183	8,528
Perak	97,040	9,657	4,396	5,755	18,992
Selangor	110,730	12,122	5,505	13,358	22,054
W.P. Kuala Lumpur	13,414	3,030	1,169	2,108	8,675
W.P. Putrajaya	1,096	3,085	313	1,071	1,294
W.P. Labuan	-	-	-	-	243
Negeri Sembilan	33,794	4,595	1,535	3,721	5,988
Melaka	26,472	2,375	1,718	2,289	6,092
Johor	73,682	8,635	3,977	10,888	15,049
Pahang	73,676	4,917	1,782	5,918	11,023
Terengganu	66,329	1,642	790	2,193	3,975
Kelantan	64,048	725	1,318	2,538	5,404
Sabah	155,732	6,756	3,313	6,879	6,321
Sarawak	88,152	4,796	4,385	7,604	12,577
<b>MALAYSIA</b>	<b>948,845</b>	<b>73,844</b>	<b>34,608</b>	<b>71,491</b>	<b>134,921</b>

Nota / Note :

<sup>1</sup> Berdasarkan 77.46% kadar respon / Based on 77.46% response rate

<sup>2</sup> Berdasarkan 97.44% kadar respon / Based on 97.44% response rate

<sup>3</sup> Berdasarkan 80.29% kadar respon / Based on 80.29% response rate

<sup>4</sup> Berdasarkan 84.29% kadar respon / Based on 84.29% response rate

<sup>5</sup> Berdasarkan 88.11% kadar respon / Based on 88.11% response rate

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.15. : BILANGAN KEDATANGAN KESIHATAN IBU DAN ANAK MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.15. : Number of Ante-natal and Child Health Attendances by State, Malaysia, 2012

NEGERI State	KEDATANGAN ANTE-NATAL <i>Ante-natal Attendances</i>	KEDATANGAN POST-NATAL <i>Post-natal Attendances</i>	KEDATANGAN KANAK-KANAK <i>Child Attendances</i>
Perlis	47,559	4,357	69,224
Kedah	486,412	35,665	721,586
Pulau Pinang	327,452	25,467	411,418
Perak	435,211	58,537	584,620
Selangor	855,648	70,046	1,017,276
W.P. Kuala Lumpur	241,082	12,530	177,098
W.P. Putrajaya	42,038	1,837	37,580
W.P. Labuan	21,970	1,791	28,660
Negeri Sembilan	229,766	17,074	239,291
Melaka	171,117	13,816	206,963
Johor	654,091	70,923	866,979
Pahang	329,208	34,570	439,244
Terengganu	383,074	24,970	445,192
Kelantan	399,230	58,877	590,617
Sabah	602,513	76,290	885,323
Sarawak	389,545	42,519	823,825
<b>MALAYSIA</b>	<b>5,615,916</b>	<b>549,269</b>	<b>7,544,896</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, 2012**

Table 4.16. : School Coverage by Health Services by State, Malaysia, 2012

NEGERI State	SEKOLAH RENDAH Primary School			SEKOLAH MENENGAH Secondary School		
	BILANGAN SEKOLAH No. of Schools	BIL. SEKOLAH YANG DILIPUTI No. of Schools Covered	% DILIPUTI % Covered	BILANGAN SEKOLAH No. of Schools	BIL. SEKOLAH YANG DILIPUTI No. of Schools Covered	% DILIPUTI % Covered
Perlis	77	77	100.00	30	30	100.00
Kedah	563	563	100.00	216	216	100.00
Pulau Pinang	281	281	100.00	135	135	100.00
Perak	792	792	100.00	256	256	100.00
Selangor	699	693	99.14	295	291	98.64
W.P. Kuala Lumpur	204	204	100.00	103	103	100.00
W.P. Putrajaya	11	11	100.00	9	9	100.00
W.P. Labuan	36	36	100.00	9	9	100.00
Negeri Sembilan	354	354	100.00	121	121	100.00
Melaka	239	239	100.00	78	78	100.00
Johor	982	975	99.29	273	268	98.17
Pahang	543	543	100.00	194	185	95.36
Terengganu	367	367	100.00	140	139	99.29
Kelantan	516	516	100.00	231	231	100.00
Sabah	1,098	1,098	100.00	236	236	100.00
Sarawak	1,197	1,197	100.00	182	182	100.00
<b>MALAYSIA</b>	<b>7,959</b>	<b>7,946</b>	<b>99.84</b>	<b>2,508</b>	<b>2,489</b>	<b>99.24</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.17. : BILANGAN KEDATANGAN KESIHATAN PERGIGIAN MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.17 : Number of Dental Health Attendances by State, Malaysia, 2012

NEGERI State	KEDATANGAN KESIHATAN PERGIGIAN Dental Health Attendances
Perlis	126,718
Kedah	780,704
Pulau Pinang	604,432
Perak	1,032,922
Selangor	1,555,506
W.P. Kuala Lumpur	599,767
W.P. Putrajaya	51,637
W.P. Labuan	35,750
Negeri Sembilan	475,320
Melaka	390,741
Johor	1,309,632
Pahang	665,842
Terengganu	554,232
Kelantan	816,668
Sabah	938,714
Sarawak	775,124
<b>MALAYSIA</b>	<b>10,713,709</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 2013**Table 4.18. : *Index of Health Legislation in Malaysia, Up to 2013*

Bil. No.	NAMA AKTA <i>Name of Act</i>
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 2013 (SAMB.)**Table 4.18. : *Index of Health Legislation in Malaysia, Up to 2013 (Cont'd)*

Bil. No.	NAMA AKTA Name of Act
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>

**JADUAL 4.18. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2013 (SAMB.)**Table 4.18. : *Index of Health Legislation in Malaysia, Up to 2013 (Cont'd)*

Bil. No.	NAMA AKTA <i>Name of Act</i>
19.	Akta Teleperubatan 1997 (Akta 564) <i>Telemedicine Act 1997 (Act 564)</i>
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>

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 2012**

Table 4.19. : Number of Doctors by Sector and Ratio of Doctor to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH DOKTOR : PENDUDUK Doctor : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	349	1	350	41	391	1: 612
Kedah	1,587	5	1,592	505	2,097	1: 952
Pulau Pinang	1,642	51	1,693	1,019	2,712	1: 594
Perak	2,143	22	2,165	909	3,074	1: 786
Selangor	3,890	329	4,219	3,057	7,276	1: 777
W.P. Kuala Lumpur	1,996	1,948	3,944	2,062	6,006	1: 285
W.P. Putrajaya	1,932	2	1,934	14	1,948	1: 41
W.P. Labuan	26	0	26	16	42	1: 2,181
Negeri Sembilan	1,203	16	1,219	416	1,635	1: 646
Melaka	1,035	32	1,067	428	1,495	1: 564
Johor	2,230	6	2,236	1,197	3,433	1: 1,002
Pahang	1,269	114	1,383	287	1,670	1: 927
Terengganu	892	4	896	201	1,097	1: 996
Kelantan	1,100	575	1,675	242	1,917	1: 856
Sabah	1,623	46	1,669	415	2,084	1: 1,618
Sarawak	1,360	50	1,410	431	1,841	1: 1,383
<b>MALAYSIA</b>	<b>24,277</b>	<b>3,201</b>	<b>27,478</b>	<b>11,240</b>	<b>38,718</b>	<b>1: 758</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 2012**

Table 4.20. : Number of Dentists<sup>1</sup> by State, Sector and Ratio of Dentist to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH DOKTOR GIGI : PENDUDUK Dentist : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total			
Perlis	39	0	39	5	44	1: 5,441
Kedah	183	5	188	57	245	1: 8,150
Pulau Pinang	152	13	165	155	320	1: 5,035
Perak	205	5	210	123	333	1: 7,257
Selangor	227	56	283	548	831	1: 6,800
W.P. Kuala Lumpur	145	258	403	400	803	1: 2,134
W.P. Putrajaya	41	0	41	2	43	1: 1,847
W.P. Labuan	4	1	5	4	9	1: 10,178
Negeri Sembilan	145	6	151	49	200	1: 5,282
Melaka	101	5	106	57	163	1: 5,169
Johor	233	7	240	188	428	1: 8,036
Pahang	167	30	197	48	245	1: 6,320
Terengganu	118	4	122	42	164	1: 6,664
Kelantan	113	74	187	47	234	1: 7,010
Sabah	127	4	131	90	221	1: 15,257
Sarawak	193	3	196	79	275	1: 9,257
<b>MALAYSIA</b>	<b>2,193</b>	<b>471</b>	<b>2,664</b>	<b>1,894</b>	<b>4,558</b>	<b>1: 6,436</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 AHLI FARMASI<sup>1</sup> MENGIKUT NEGERI, SEKTOR DAN NISBAH AHLI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.21. : Number of Pharmacists<sup>1</sup> by State, Sector and Ratio of Pharmacist to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH AHLI FARMASI : PENDUDUK Pharmacist : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total			
Perlis	93	0	93	15	108	1: 2,217
Kedah	335	0	335	180	515	1: 3,877
Pulau Pinang	361	45	406	394	800	1: 2,014
Perak	545	0	545	231	776	1: 3,114
Selangor	1,153	29	1,182	1,124	2,306	1: 2,450
W.P. Kuala Lumpur <sup>2</sup>	483	165	648	561	1,209	1: 1,483
W.P. Putrajaya	n.a.	n.a.	n.a.	n.a.	n.a.	n.a.
W.P. Labuan	22	0	22	7	29	1: 3,159
Negeri Sembilan	253	0	253	118	371	1: 2,847
Melaka	180	0	180	145	325	1: 2,592
Johor	528	0	528	278	806	1: 4,267
Pahang	284	17	301	87	388	1: 3,991
Terengganu	241	0	241	29	270	1: 4,048
Kelantan	254	14	268	87	355	1: 4,621
Sabah	467	0	467	231	698	1: 4,831
Sarawak	439	0	439	257	696	1: 3,658
<b>MALAYSIA</b>	<b>5,638</b>	<b>270</b>	<b>5,908</b>	<b>3,744</b>	<b>9,652</b>	<b>1: 3,039</b>

Nota>Note:

<sup>1</sup> Data dari Lembaga Farmasi Malaysia / Data from Pharmacy Board Malaysia

<sup>2</sup> Termasuk W.P. Putrajaya / Includes W.P. Putrajaya

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.22. : BILANGAN JURUOPTIK<sup>1</sup> BERDAFTAR DI SEKTOR SWASTA MENGIKUT NEGERI DAN NISBAH JURUOPTIK KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.22. : Number of Registered Opticians<sup>1</sup> in Private Sector by State and Ratio of Optician to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR SWASTA <i>Private Sector</i>	NISBAH JURUOPTIK: PENDUDUK <i>Optician : Population Ratio</i>
Perlis	13	1: 18,415
Kedah	119	1: 16,780
Pulau Pinang	206	1: 7,821
Perak	284	1: 8,510
Selangor	744	1: 7,595
W.P. Kuala Lumpur	535	1: 3,203
W.P. Putrajaya	6	1: 13,233
W.P. Labuan	3	1: 30,533
Negeri Sembilan	106	1: 9,965
Melaka	107	1: 7,874
Johor	355	1: 9,689
Pahang	108	1: 14,337
Terengganu	29	1: 37,686
Kelantan	42	1: 39,057
Sabah	134	1: 25,162
Sarawak	149	1: 17,086
<b>Malaysia</b>	<b>2,940</b>	<b>1: 9,979</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 2012**

Table 4.23. : Number of Registered Optometrists<sup>1</sup> by State, Sector and Ratio of Optometrist to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH OPTOMETRIS : PENDUDUK Optometrist : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total			
Perlis	4	0	4	4	8	1: 29,925
Kedah	15	0	15	47	62	1: 32,206
Pulau Pinang	12	0	12	85	97	1: 16,609
Perak	17	0	17	32	49	1: 49,320
Selangor	37	22	59	265	324	1: 17,441
W.P. Kuala Lumpur	21	24	45	150	195	1: 8,787
W.P. Putrajaya	10	0	10	5	15	1: 5,293
W.P. Labuan	1	0	1	2	3	1: 30,533
Negeri Sembilan	9	0	9	26	35	1: 30,180
Melaka	7	0	7	28	35	1: 24,071
Johor	22	0	22	63	85	1: 40,466
Pahang	12	14	26	19	45	1: 34,409
Terengganu	14	0	14	30	44	1: 24,839
Kelantan	16	0	16	36	52	1: 31,546
Sabah	10	0	10	33	43	1: 78,412
Sarawak	14	0	14	30	44	1: 57,859
<b>Malaysia</b>	<b>221</b>	<b>60</b>	<b>281</b>	<b>855</b>	<b>1,136</b>	<b>1: 25,825</b>

Nota>Note:

<sup>1</sup> Data Daripada 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 2012**

Table 4.24. : Number of Nurses by State, Sector and Ratio of Nurse to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH JURURAWAT : PENDUDUK Nurse : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	751		751	20	771	1: 311
Kedah	3,737		3,737	703	4,440	1: 450
Pulau Pinang	2,752		2,752	3,244	5,996	1: 269
Perak	4,448		4,448	1,358	5,806	1: 416
Selangor	5,850		5,850	6,750	12,600	1: 448
W.P. Kuala Lumpur	3,889		3,889	8,874	12,763	1: 134
W.P. Putrajaya	2,210		2,210	10	2,220	1: 36
W.P. Labuan	148		148	1	149	1: 615
Negeri Sembilan	1,954		1,954	1,074	3,028	1: 349
Melaka	1,671		1,671	1,080	2,751	1: 306
Johor	5,339		5,339	1,915	7,254	1: 474
Pahang	3,272		3,272	605	3,877	1: 399
Terengganu	2,329		2,329	206	2,535	1: 431
Kelantan	2,668		2,668	1,649	4,317	1: 380
Sabah	5,228		5,228	471	5,699	1: 592
Sarawak	4,326		4,326	919	5,245	1: 485
<b>MALAYSIA</b>	<b>50,572</b>	<b>5,517</b>	<b>56,089</b>	<b>28,879</b>	<b>84,968</b>	<b>1: 345</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 DAN BIDAN BAHAGIAN II MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.25. : Number of Community Nurses and Midwives Division II by State, Sector and Ratio to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM / Public Sector				SEKTOR SWASTA <sup>2</sup> (JURURAWAT MASYARAKAT) Private Sector <sup>2</sup> (Community Nurses)	JUMLAH Total	NISBAH JURURAWAT MASYARAKAT : PENDUDUK Community Nurse : Population Ratio
	KEMENTERIAN KESIHATAN <sup>1</sup> Ministry of Health <sup>1</sup>		BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>				
	JURURAWAT MASYARAKAT Community Nurses	BIDAN (Bhg.II) Midwives (Div. II)	JURURAWAT MASYARAKAT Community Nurses				
Perlis	305	4		309	1	310	1: 772
Kedah	1,602	18		1,620	10	1,630	1: 1,225
Pulau Pinang	967	2		969	37	1,006	1: 1,601
Perak	1,992	22		2,014	3	2,017	1: 1,198
Selangor	2,282	10		2,292	51	2,343	1: 2,412
W.P. Kuala Lumpur	576	1		577	58	635	1: 2,698
W.P. Putrajaya	481	3		484	0	484	1: 164
W.P. Labuan	103	0		103	0	103	1: 889
Negeri Sembilan	804	14		818	5	823	1: 1,283
Melaka	683	4		687	7	694	1: 1,214
Johor	1,932	42		1,974	37	2,011	1: 1,710
Pahang	1,672	12		1,684	11	1,695	1: 914
Terengganu	1,223	25		1,248	0	1,248	1: 876
Kelantan	1,601	47		1,648	12	1,660	1: 988
Sabah	3,479	0		3,479	23	3,502	1: 963
Sarawak	2,943	5		2,948	46	2,994	1: 850
<b>MALAYSIA</b>	<b>22,645</b>	<b>209</b>	<b>63</b>	<b>22,917</b>	<b>301</b>	<b>23,218</b>	<b>1: 1,264</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 JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG JURURAWAT KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.26. : Number of Assistant Nurses by State, Sector and Ratio of Assistant Nurse to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH PENOLONG JURURAWAT : PENDUDUK Assistant Nurse : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	10		10	1	11	1: 21,764
Kedah	24		24	53	77	1: 25,932
Pulau Pinang	26		26	476	502	1: 3,209
Perak	51		51	239	290	1: 8,333
Selangor	28		28	239	267	1: 21,164
W.P. Kuala Lumpur	16		16	427	443	1: 3,868
W.P. Putrajaya	0		0	1	0	1: 0
W.P. Labuan	3		3	0	3	1: 30,533
Negeri Sembilan	17	n.a.	17	42	59	1: 17,903
Melaka	8		8	64	72	1: 11,701
Johor	23		23	166	189	1: 18,199
Pahang	39		39	18	57	1: 27,165
Terengganu	48		48	5	53	1: 20,621
Kelantan	58		58	11	69	1: 23,774
Sabah	49		49	52	101	1: 33,383
Sarawak	10		10	115	125	1: 20,366
<b>MALAYSIA</b>	<b>410</b>	<b>31</b>	<b>441</b>	<b>1,909</b>	<b>2,350</b>	<b>1: 12,484</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 4.27. : BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.27. : Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH PENOLONG PEGAWAI PERUBATAN : PENDUDUK Assistant Medical Officer : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	147	5	152	6	158	1: 1,515
Kedah	654	15	669	37	706	1: 2,828
Pulau Pinang	519	11	530	39	569	1: 2,831
Perak	1,006	25	1,031	59	1,090	1: 2,217
Selangor	971	28	999	96	1,095	1: 5,161
W.P. Kuala Lumpur	514	199	713	148	861	1: 1,990
W.P. Putrajaya	605	1	606	1	607	1: 131
W.P. Labuan	34	1	35	2	37	1: 2,476
Negeri Sembilan	427	16	443	43	486	1: 2,173
Melaka	333	20	353	21	374	1: 2,253
Johor	1,006	19	1,025	47	1,072	1: 3,209
Pahang	665	23	688	41	729	1: 2,124
Terengganu	472	5	477	68	545	1: 2,005
Kelantan	584	53	637	133	770	1: 2,130
Sabah	1,185	9	1,194	42	1,236	1: 2,728
Sarawak	1,344	6	1,350	161	1,511	1: 1,685
<b>MALAYSIA</b>	<b>10,466</b>	<b>436</b>	<b>10,902</b>	<b>944</b>	<b>11,846</b>	<b>1: 2,477</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, KKM / Data from Medical Assistant Board, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.28. : BILANGAN PENOLONG PEGAWAI FARMASI MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.28. : Number of Pharmacy Assistants by State, Sector and Ratio of Pharmacy Assistants to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH PENOLONG PEGAWAI FARMASI : PENDUDUK Pharmacy Assistant : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	40	0	40	0	40	1: 5,985
Kedah	229	5	234	20	254	1: 7,861
Pulau Pinang	181	24	205	72	277	1: 5,816
Perak	364	5	369	48	417	1: 5,795
Selangor	455	10	465	115	580	1: 9,793
W.P. Kuala Lumpur	201	155	356	71	427	1: 4,013
W.P. Putrajaya	37	0	37	0	37	1: 2,146
W.P. Labuan	13	0	13	0	13	1: 7,046
Negeri Sembilan	155	1	156	45	201	1: 5,255
Melaka	125	5	130	14	144	1: 5,851
Johor	378	4	382	41	423	1: 8,131
Pahang	255	0	255	22	277	1: 5,590
Terengganu	193	2	195	0	195	1: 5,605
Kelantan	228	61	289	17	306	1: 5,361
Sabah	496	0	496	3	499	1: 6,757
Sarawak	445	1	446	14	460	1: 5,534
<b>MALAYSIA</b>	<b>3,795</b>	<b>273</b>	<b>4,068</b>	<b>482</b>	<b>4,550</b>	<b>1: 6,448</b>

Nota>Note:

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

<sup>2</sup> Data dari Lembaga Farmasi Malaysia / Data from Pharmacy Board Malaysia

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.29. : BILANGAN JURURAWAT PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURURAWAT PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.29. : Number of Dental Nurses in Public Sector by State and Ratio of Dental Nurse to Population Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			NISBAH JURURAWAT PERGIGIAN: PENDUDUK BERUMUR < 18 TAHUN Dental Nurse : 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	56		56	1: 1,368
Kedah	165		165	1: 4,155
Pulau Pinang	189		189	1: 2,306
Perak	203		203	1: 3,768
Selangor	193		193	1: 8,503
W.P. Kuala Lumpur	127		127	1: 3,517
W.P. Putrajaya	19		19	1: 1,579
W.P. Labuan	14		14	1: 2,279
Negeri Sembilan	121		121	1: 2,777
Melaka	90		90	1: 2,922
Johor	155		155	1: 7,006
Pahang	184		184	1: 2,952
Terengganu	144		144	1: 2,933
Kelantan	184		184	1: 3,540
Sabah	345		345	1: 3,304
Sarawak	411		411	1: 2,071
<b>MALAYSIA</b>	<b>2,600</b>	<b>84</b>	<b>2,684</b>	<b>1: 3,504</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 JURUTEKNOLOGI PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH JURUTEKNIK PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.30. : Number of Dental Technologists by State, Sector and Ratio of Dental Technologist to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH JURUTEKNOLOGI PERGIGIAN : PENDUDUK Dental Technologists : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	17		17		19	1: 14,082
Kedah	60		60		120	1: 33,280
Pulau Pinang	45		65		171	1: 35,802
Perak	73		73		171	1: 33,105
Selangor	79		79		164	1: 71,529
W.P. Kuala Lumpur	44		127		286	1: 38,941
W.P. Putrajaya	8		8		8	1: 9,925
W.P. Labuan	2		2		2	1: 45,800
Negeri Sembilan	48	n.a.	48	n.a.	73	1: 22,006
Melaka	30		30		50	1: 28,083
Johor	64		64		144	1: 53,744
Pahang	58		60		96	1: 26,697
Terengganu	66		66		76	1: 16,559
Kelantan	71		71		91	1: 23,104
Sabah	86		86		104	1: 39,206
Sarawak	107		107		137	1: 23,793
<b>MALAYSIA</b>	<b>858</b>	<b>105</b>	<b>963</b>	<b>749</b>	<b>1,712</b>	<b>1: 17,136</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 PEMBANTU PEMBEDAHAN PERGIGIAN MENGIKUT NEGERI, SEKTOR DAN NISBAH  
PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.31. : Number of Dental Surgery Assistants by State, Sector and Ratio of Dental Surgery Assistant to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN : PENDUDUK Dental Surgery Assistant : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	88		88		88	1: 2,720
Kedah	208		208		208	1: 9,600
Pulau Pinang	249		249		249	1: 6,470
Perak	305		305		305	1: 7,924
Selangor	342		342		342	1: 16,523
W.P. Kuala Lumpur	235		235		235	1: 7,291
W.P. Putrajaya	23		23		23	1: 3,452
W.P. Labuan	12		12		12	1: 7,633
Negeri Sembilan	193	n.a.	193	n.a.	193	1: 5,473
Melaka	160		160		160	1: 5,266
Johor	277		277		277	1: 12,417
Pahang	276		276		276	1: 5,610
Terengganu	227		227		227	1: 4,815
Kelantan	200		200		200	1: 8,202
Sabah	327		327		327	1: 10,311
Sarawak	334		334		334	1: 7,622
<b>MALAYSIA</b>	<b>3,456</b>	<b>378</b>	<b>3,834</b>	<b>44</b>	<b>3,878</b>	<b>1: 7,565</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 4.32. : BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.32. : Number of Assistant Environmental Health Officers in Public Sector by State and Ratio of Assistant Environmental Health Officer to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN : PENDUDUK Assistant Environmental Health Officer : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total	
Perlis	64	5	69	1: 3,470
Kedah	258	73	331	1: 6,033
Pulau Pinang	185	56	241	1: 6,685
Perak	266	89	355	1: 6,808
Selangor	358	208	566	1: 9,984
W.P. Kuala Lumpur	101	121	222	1: 7,718
W.P. Putrajaya	115	7	122	1: 651
W.P. Labuan	15	3	18	1: 5,089
Negeri Sembilan	156	46	202	1: 5,229
Melaka	96	39	135	1: 6,241
Johor	298	85	383	1: 8,981
Pahang	272	61	333	1: 4,650
Terengganu	222	53	275	1: 3,974
Kelantan	253	39	292	1: 5,618
Sabah	591	47	638	1: 5,285
Sarawak	600	170	770	1: 3,306
<b>MALAYSIA</b>	<b>3,850</b>	<b>1,102</b>	<b>4,952</b>	<b>1: 5,924</b>

Nota/Note:

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

<sup>2</sup> Data dari Bahagian Sains Kesihatan Bersekutu, KKM / Data From Allied Health Sciences Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.33. : BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.33. : Number of Medical Laboratory Technologists in Public Sector by State and Ratio of Medical Laboratory Technologist to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			JUMLAH Total	NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN : PENDUDUK Medical Laboratory Technologist : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total		
Perlis	72	0	72	72	1: 3,325
Kedah	319	0	319	319	1: 6,260
Pulau Pinang	283	0	283	283	1: 5,693
Perak	475	0	475	475	1: 5,088
Selangor	564	503	1,067	1,067	1: 5,296
W.P. Kuala Lumpur	613	0	613	613	1: 2,795
W.P. Putrajaya	98	0	98	98	1: 810
W.P. Labuan	24	0	24	24	1: 3,817
Negeri Sembilan	221	0	221	221	1: 4,780
Melaka	170	0	170	170	1: 4,956
Johor	468	0	468	468	1: 7,350
Pahang	325	0	325	325	1: 4,764
Terengganu	239	0	239	239	1: 4,573
Kelantan	343	0	343	343	1: 4,783
Sabah	686	0	686	686	1: 4,915
Sarawak	758	0	758	758	1: 3,359
<b>MALAYSIA</b>	<b>5,658</b>	<b>503</b>	<b>6,161</b>	<b>6,161</b>	<b>1: 4,762</b>

Nota>Note:

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

<sup>2</sup> Data dari Bahagian Sains Kesihatan Bersekutu, KKM / Data From Allied Health Sciences Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.34. : BILANGAN JURU X-RAY (DIAGNOSTIK & TERAPI) MENGIKUT NEGERI, SEKTOR DAN NISBAH JURU X-RAY KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.34. : Number of Radiographers (Diagnostic & Therapy) by State, Sector and Ratio of Radiographer to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA <sup>2</sup> Private Sector <sup>2</sup>	JUMLAH Total	NISBAH JURU X-RAY : PENDUDUK Radiographer : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total			
Perlis	35	1	36	1	37	1: 6,470
Kedah	153	3	156	36	192	1: 10,400
Pulau Pinang	170	26	196	185	381	1: 4,229
Perak	191	0	191	59	250	1: 9,667
Selangor	308	31	339	406	745	1: 7,585
W.P. Kuala Lumpur	224	185	409	307	716	1: 2,393
W.P. Putrajaya	50	0	50	0	50	1: 1,588
W.P. Labuan	8	0	8	0	8	1: 11,450
Negeri Sembilan	114	0	114	57	171	1: 6,177
Melaka	73	1	74	64	138	1: 6,105
Johor	309	0	309	120	429	1: 8,018
Pahang	146	0	146	55	201	1: 7,703
Terengganu	98	8	106	27	133	1: 8,217
Kelantan	120	60	180	28	208	1: 7,887
Sabah	243	1	244	42	286	1: 11,789
Sarawak	317	8	325	64	389	1: 6,544
<b>MALAYSIA</b>	<b>2,559</b>	<b>324</b>	<b>2,883</b>	<b>1,451</b>	<b>4,334</b>	<b>1: 6,769</b>

Nota/*Note*:

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

<sup>2</sup> Data dari Bahagian Sains Kesihatan Bersekutu, KKM / Data From Allied Health Sciences Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.35. : BILANGAN JURUPULIH PERUBATAN ANGGOTA<sup>1</sup> MENGIKUT NEGERI DAN NISBAH JURUPULIH  
PERUBATAN ANGGOTA KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.35. : Number of Physiotherapists<sup>1</sup> by State and Ratio of Physiotherapist to Population, Malaysia as at 31 December 2012

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA <i>Ministry of Health</i>	NISBAH JURUPULIH PERUBATAN ANGGOTA : PENDUDUK <i>Physiotherapist : Population Ratio</i>
Perlis	16	1: 14,963
Kedah	56	1: 35,657
Pulau Pinang	69	1: 23,349
Perak	84	1: 28,770
Selangor	106	1: 53,309
W.P. Kuala Lumpur	94	1: 18,228
W.P. Putrajaya	49	1: 1,620
W.P. Labuan	4	1: 22,900
Negeri Sembilan	46	1: 22,963
Melaka	29	1: 29,052
Johor	75	1: 45,861
Pahang	56	1: 27,650
Terengganu	42	1: 26,021
Kelantan	56	1: 29,293
Sabah	136	1: 24,792
Sarawak	123	1: 20,698
<b>MALAYSIA</b>	<b>1,041</b>	<b>1: 28,181</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. : BILANGAN JURUPULIH PERUBATAN CARAKERJA DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUPULIH CARAKERJA KEPADA PENDUDUK, MALAYSIA SEPERTI PADA 31 DISEMBER 2012**

Table 4.36. : Number of Occupational Therapists in Public Sector by State and Ratio of Occupational Therapist to Population, Malaysia as at 31 December 2012

NEGERI State	SEKTOR AWAM Public Sector			JUMLAH Total	NISBAH JURUPULIH CARAKERJA : PENDUDUK Occupational Therapist : Population Ratio
	KKM <sup>1</sup> MoH <sup>1</sup>	BUKAN KKM <sup>2</sup> Non MoH <sup>2</sup>	JUMLAH Total		
Perlis	11	0	11	11	1: 21,764
Kedah	38	0	38	38	1: 52,547
Pulau Pinang	52	0	52	52	1: 30,983
Perak	97	3	100	100	1: 24,167
Selangor	68	3	71	71	1: 79,589
W.P. Kuala Lumpur	54	49	103	103	1: 16,635
W.P. Putrajaya	26	0	26	26	1: 3,054
W.P. Labuan	3	0	3	3	1: 30,533
Negeri Sembilan	37	3	40	40	1: 26,408
Melaka	25	1	26	26	1: 32,404
Johor	72	3	75	75	1: 45,861
Pahang	35	0	35	35	1: 44,240
Terengganu	30	0	30	30	1: 36,430
Kelantan	32	18	50	50	1: 32,808
Sabah	90	0	90	90	1: 37,463
Sarawak	86	0	86	86	1: 29,602
<b>MALAYSIA</b>	<b>756</b>	<b>80</b>	<b>836</b>	<b>836</b>	<b>1: 35,092</b>

Nota>Note:

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

<sup>2</sup> Data dari Bahagian Sains Kesihatan Bersekutu, KKM / Data From Allied Health Sciences Division, MoH

Punca : Pusat Informatik Kesihatan, KKM

Source : Health Informatics Centre, MoH

**JADUAL 4.37. : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN PRA PERKHIDMATAN MENGIKUT PROGRAM DI INSTITUSI LATIHAN KEMENTERIAN KESIHATAN MALAYSIA (ILKKM), 2012**

Table 4.37 : Total Intake of Trainees for Pre-Service Training Program by Disciplines in the Training Institutions of Ministry of Health Malaysia, 2012

JENIS Type	BIL. INSTITUSI LATIHAN KKM No. of MoH Training Institution	PENGAMBILAN TAHUNAN Annual Intake
Jurupulih Carakerja / Occupational Therapist	2	42
Jurupulih Anggota / Physiotherapist	2	39
Juru X-Ray / Radiographer	2	54
Juruteknologi Makmal Perubatan / Medical Lab. Technologist	2	123
Penolong Pegawai Perubatan / Assistant Medical Officer	6	1,370
Jururawat / Nurse	16	3,649
Jururawat Masyarakat / Community Nurse	12	1,216
Penolong Pegawai Farmasi / Pharmacy Assistant	1	143
Pen. Peg. Kes. Persekutaran / Asst. Environmental Health Officer	2	288
Pembantu Kesihatan Awam / Public Health Assistant	3	359
Jururawat Pergigian / Dental Nurse	1	146
Juruteknologi Pergigian / Dental Technologist	1	55
Pembantu Pembedahan Pergigian / Dental Surgery Assistant	1	209

Punca : Bahagian Pengurusan Latihan, Kementerian Kesihatan Malaysia

Source : Training Management Division, Ministry of Health Malaysia

**JADUAL 4.38. : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN  
KEMENTERIAN KESIHATAN MALAYSIA, 2012**

Table 4.38. : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2012

JENIS <i>Type</i>	PENGAMBILAN PELATIH MAKSIMA <i>Training Capacity</i>	JAWATAN PENGAJAR YANG ADA <i>Teaching Post Available</i>	NISBAH TENAGA PENGAJAR KEPADA PELATIH <i>Ratio of Teaching Staff to Students</i>
Jurupulih Carakerja / <i>Occupational Therapist</i>	369	17	1: 22
Jurupulih Anggota / <i>Physiotherapist</i>	321	21	1: 15
Juru X-Ray / <i>Radiographer</i>	202	32	1: 6
Juruteknologi Makmal Perubatan / <i>Medical Lab. Technologist</i>	787	79	1: 10
Penolong Pegawai Perubatan / <i>Assistant Medical Officer</i>	3,004	89	1: 34
Jururawat / <i>Nurse</i>	8,516	490	1: 17
Jururawat Masyarakat / <i>Community Nurse</i>	2,929	171	1: 17
Penolong Pegawai Farmasi / <i>Pharmacy Assistant</i>	445	15	1: 30
Pen. Peg. Kes. Persekitaran / <i>Asst. Environmental Health Officer</i>	816	63	1: 25
Pembantu Kesihatan Awam / <i>Public Health Assistant</i>	774		
Juruteknologi Pergigian / <i>Dental Technologist</i>	153	4	1: 38
Jururawat Pergigian / <i>Dental Nurse</i>	373	11	1: 77
Pembantu Pembedahan Pergigian / <i>Dental Surgery Assistant</i>	476		

Punca : Bahagian Pengurusan Latihan, Kementerian Kesihatan Malaysia

Source : *Training Management Division, Ministry of Health Malaysia*

**JADUAL 4.39. : PERUNTUKAN BELANJA MENGURUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM,  
MALAYSIA, 2012**

Table 4.39. : Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2012

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 / Management	1,296,713,400	1,363,737,960	105.17
0020000	Kesihatan Awam / Public Health	2,923,409,277	3,430,403,484	117.34
0030000	Rawatan Perubatan / Medical Care	9,679,712,558	10,602,956,768	109.54
0040000	Penyelidikan dan Sokongan Teknikal / <i>Research and Technical Support</i>	159,199,348	174,144,831	109.39
0050000	Kesihatan Pergigian / Oral Health	524,414,434	639,256,693	121.90
0060000	Perkhidmatan Farmasi / Pharmaceutical Services	124,849,130	141,466,797	113.31
0070000	Keselamatan dan Kualiti Makanan / Food Safety and Quality	76,105,818	85,731,076	112.65
0080000	Lembaga Promosi Kesihatan Malaysia / <i>Malaysia Health Promotion Board</i>	14,000,000	14,000,000	100.00
0090000	Program Khusus / Specific Program	77,480,743	83,638,032	107.95
0100000	Dasar Baru / New Policies	199,335,702	197,651,285	99.15
0110000	One-Off	75,450,000	74,984,964	99.38
	<b>JUMLAH / Total</b>	<b>15,150,670,410</b>	<b>16,807,971,890</b>	<b>110.94</b>

Punca : Bahagian Kewangan, Kementerian Kesihatan Malaysia

Source : Finance Division, Ministry of Health Malaysia

**JADUAL 4.40. : PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK,  
MALAYSIA, 2012**

Table 4.40. : Actual Development Allocation and Expenditure by Project Details, Malaysia, 2012

BUTIRAN PROJEK <i>Detail Project</i>	TAJUK <i>Title</i>	PERUNTUKAN Allocation (RM)	PERBELANJAAN Expenditure (RM)	PERATUSAN PERBELANJAAN <i>Expenditure Percentage</i>
00100	Latihan / Training	113,124,568	112,046,874	99.05
00200	Kesihatan Awam / Public Health	284,353,800	266,788,330	93.82
00300	Kemudahan Hospital / Hospital Facilities	615,591,500	613,628,260	99.68
00400	Hospital Baru / New Hospitals	250,613,676	235,228,336	93.86
00500	Penyelidikan dan Pembangunan / Research and Development	15,000,000	14,737,560	98.25
00600	Ubahsuai, Naiktaraf Dan Pembaikan / Renovation, Upgrading and Repairs	145,000,000	139,537,767	96.23
00700	Perolehan Dan Penyelenggaran Tanah / Procurement and Land Maintenances	10,041,856	10,041,861	100.00
00800	Kemudahan Teknologi Maklumat dan Komunikasi / Information Technology and Communication Facilities	30,000,000	26,494,169	88.31
00900	Kemudahan Anggota / Staff Facilities	59,681,800	54,454,557	91.24
01100	Peralatan dan Kenderaan / Equipments and Vehicles	321,500,000	312,051,918	97.06
09400	National Key Economic Area (NKEA)	27,740,000	0	0
<b>JUMLAH / Total</b>		<b>1,872,647,200</b>	<b>1,785,009,632</b>	<b>95.32</b>

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

**JADUAL 4.41. : PERATUS PERUNTUKAN BELANJAWAN KESIHATAN KEPADA BELANJAWAN NEGARA, MALAYSIA, 2012**

Table 4.41. : Percentage of Health Budget Allocation to National Budget, Malaysia, 2012

Peratus Peruntukan Belanjawan Kesihatan Kepada Belanjawan Negara <i>Percentage of Health Budget Allocation to National Budget</i>	7.25
Belanjawan Negara (Mengurus dan Pembangunan) <i>National Budget (Operating and Development)</i>	RM 232,832,900,000
Belanjawan Kesihatan (Asal) (Mengurus dan Pembangunan) <i>Health Budget (Original) (Operating and Development)</i>	RM 16,870,767,600

Punca : Bahagian Kewangan, Kementerian Kesihatan Malaysia

Source : Finance Division, Ministry of Health Malaysia

**JADUAL 4.42. : NISBAH PENDAPATAN NEGARA KASAR (PNK) BAGI KESIHATAN, MALAYSIA, 2012**Table 4.42. : *Proportion of Gross National Income (GNI) for Health, Malaysia, 2012*

Pendapatan Negara Kasar (PNK) Pada Harga Semasa (Juta) <i>Gross National Income (GNI) at Current Prices (Million)</i>	RM 908,154
Belanjawan Kesihatan (Mengurus dan Pembangunan) (Juta)* <i>Health Budget (Operating and Development) (Million)*</i>	RM 16,871
Peratus PNK bagi Kesihatan <i>Percentage of GNI for Health</i>	1.86

Punca : Laporan Ekonomi 2012/2013, Kementerian Kewangan Malaysia

\* Bahagian Kewangan, Kementerian Kesihatan Malaysia

Source : *Economic Report 2012/2013, Ministry of Finance Malaysia*

\* *Finance Division, Ministry of Health Malaysia*

**JADUAL 4.43. : LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.43. : BCG Coverage for Infants by State, Malaysia, 2012

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Live Births (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</sup>	TBIS <sup>2</sup>
Perlis	4,163	4,116	4,012	96.37	97.47
Kedah	35,616	36,357	35,723	100.30	98.26
Pulau Pinang	22,173	25,759	25,608	115.49	99.41
Perak	36,554	38,890	38,414	105.09	98.78
Selangor	103,252	80,745	79,119	76.63	97.99
W.P. Kuala Lumpur	25,444	36,122	35,551	139.72	98.42
W.P. Putrajaya	2,551	6,043	5,938	232.77	98.26
W.P. Labuan	1,723	1,725	1,697	98.49	98.38
Negeri Sembilan	17,402	17,553	17,361	99.76	98.91
Melaka	13,397	15,213	15,059	112.41	98.99
Johor	57,350	54,731	53,867	93.93	98.42
Pahang	26,472	28,119	27,830	105.13	98.97
Terengganu	25,121	23,126	22,975	91.46	99.35
Kelantan	37,074	37,065	36,859	99.42	99.44
Sabah	53,896	66,890	66,293	123.00	99.11
Sarawak	42,626	43,289	42,844	100.51	98.97
<b>MALAYSIA</b>	<b>504,814</b>	<b>515,743</b>	<b>509,150</b>	<b>100.86</b>	<b>98.72</b>

Nota/Note :

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

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

Punca : Bahagian Kesihatan Awam, Kementerian Kesihatan Malaysia

Source : Public Health Division, Ministry of Health, Malaysia

**JADUAL 4.44 : LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA DAN DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.44. : Polio Immunisation Coverage of Infants (1st Dose and 3rd Dose) by State, Malaysia, 2012

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Live Births (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS PERMULAAN (DOS PERTAMA) Initial Dose (1st Dose)			DOS PERNAMAT (DOS KETIGA) Completion Dose (3rd Dose)		
			BILANGAN Number	LIPUTAN / Coverage (%)		BILANGAN Number	LIPUTAN / Coverage (%)	
				DOSM <sup>1</sup>	TBIS <sup>2</sup>		DOSM <sup>1</sup>	TBIS <sup>2</sup>
Perlis	4,163	4,116	3,831	92.02	93.08	3,922	94.21	95.29
Kedah	35,616	36,357	33,266	93.40	91.50	33,804	94.91	92.98
Pulau Pinang	22,173	25,759	23,316	105.15	90.52	24,996	112.73	97.04
Perak	36,554	38,890	34,857	95.36	89.63	37,369	102.23	96.09
Selangor	103,252	80,745	92,515	89.60	114.58	98,350	95.25	121.80
W.P. Kuala Lumpur	25,444	36,122	24,617	96.75	68.15	25,622	100.70	70.93
W.P. Putrajaya	2,551	6,043	2,821	110.58	46.68	3,451	135.28	57.11
W.P. Labuan	1,723	1,725	1,992	115.61	115.48	1,962	113.87	113.74
Negeri Sembilan	17,402	17,553	16,572	95.23	94.41	17,763	102.07	101.20
Melaka	13,397	15,213	13,367	99.78	87.87	14,264	106.47	93.76
Johor	57,350	54,731	55,756	97.22	101.87	58,486	101.98	106.86
Pahang	26,472	28,119	23,841	90.06	84.79	25,325	95.67	90.06
Terengganu	25,121	23,126	21,781	86.70	94.18	22,911	91.20	99.07
Kelantan	37,074	37,065	30,578	82.48	82.50	30,272	81.65	81.67
Sabah	53,896	66,890	61,038	113.25	91.25	62,229	115.46	93.03
Sarawak	42,626	43,289	40,473	94.95	93.49	42,628	100.00	98.47
<b>MALAYSIA</b>	<b>504,814</b>	<b>515,743</b>	<b>480,621</b>	<b>95.21</b>	<b>93.19</b>	<b>503,354</b>	<b>99.71</b>	<b>97.60</b>

Nota>Note :

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

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.45. : LIPUTAN DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 – 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.45. : Coverage of Children Aged 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2012

NEGERI State	ANGGARAN KANAK-KANAK BERUMUR 1 – 2 TAHUN <sup>1</sup> Estimated Children Aged 1 – 2 Years <sup>1</sup>	KANAK-KANAK BERUMUR 1 – 2 TAHUN YANG DIBERI DOS SEMULA PERTAMA POLIO Children Aged 1 – 2 Years Given 1st Booster Dose Polio	
		BILANGAN Number	LIPUTAN Coverage (%)
Perlis	4,300	3,410	79.30
Kedah	36,000	29,424	81.73
Pulau Pinang	22,600	21,009	92.96
Perak	35,000	32,894	93.98
Selangor	92,300	86,285	93.48
W.P. Kuala Lumpur	26,900	19,669	73.12
W.P. Putrajaya	3,100	2,909	93.84
W.P. Labuan	2,200	1,923	87.41
Negeri Sembilan	17,700	15,252	86.17
Melaka	13,200	12,686	96.11
Johor	56,300	49,473	87.87
Pahang	30,300	22,489	74.22
Terengganu	23,300	20,200	86.70
Kelantan	34,500	26,464	76.71
Sabah	63,100	55,044	87.23
Sarawak	40,800	37,796	92.64
<b>MALAYSIA</b>	<b>501,600</b>	<b>436,927</b>	<b>87.11</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 4.46. : LIPUTAN PELALIAN DOS SEMULA POLIO BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.46. : Polio Immunisation Coverage of Booster Dose for Standard 1 School Children by State, Malaysia, 2012

NEGERI State	JUMLAH ENROLMEN DARJAH 1 Total Standard 1 Enrolment	MURID DARJAH 1 YANG DIBERI PELALIAN DOS SEMULA POLIO		LIPUTAN Coverage (%)
		Standard 1 School Children Given Booster Dose Polio Immunisation	BILANGAN Number	
Perlis	3,775	3,775	3,775	100.00
Kedah	32,665	32,262	32,262	98.77
Pulau Pinang	22,729	22,658	22,658	99.69
Perak	34,696	34,545	34,545	99.56
Selangor	88,633	87,545	87,545	98.77
W.P. Kuala Lumpur	21,919	21,336	21,336	97.34
W.P. Putrajaya	1,780	1,780	1,780	100.00
W.P. Labuan	1,397	1,390	1,390	99.50
Negeri Sembilan	17,163	16,248	16,248	94.67
Melaka	13,320	13,300	13,300	99.85
Johor	54,970	55,036	55,036	100.12
Pahang	24,407	24,344	24,344	99.74
Terengganu	20,538	20,479	20,479	99.71
Kelantan	29,927	29,027	29,027	96.99
Sabah	45,254	45,150	45,150	99.77
Sarawak	40,081	38,832	38,832	96.88
<b>MALAYSIA</b>	<b>453,254</b>	<b>447,707</b>		<b>98.78</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.47 : LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.47 : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2012

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Live Births (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</sup>	TBIS <sup>2</sup>		DOSM <sup>1</sup>	TBIS <sup>2</sup>
Perlis	4,163	4,116	3,831	92.02	93.08	3,922	94.21	95.29
Kedah	35,616	36,357	33,265	93.40	91.50	33,802	94.91	92.97
Pulau Pinang	22,173	25,759	23,316	105.15	90.52	24,995	112.73	97.03
Perak	36,554	38,890	34,857	95.36	89.63	37,369	102.23	96.09
Selangor	103,252	80,745	92,515	89.60	114.58	98,350	95.25	121.80
W.P. Kuala Lumpur	25,444	36,122	24,617	96.75	68.15	25,622	100.70	70.93
W.P. Putrajaya	2,551	6,043	2,821	110.58	46.68	3,451	135.28	57.11
W.P. Labuan	1,723	1,725	1,992	115.61	115.48	1,962	113.87	113.74
Negeri Sembilan	17,402	17,553	16,572	95.23	94.41	17,763	102.07	101.20
Melaka	13,397	15,213	13,367	99.78	87.87	14,264	106.47	93.76
Johor	57,350	54,731	55,756	97.22	101.87	58,486	101.98	106.86
Pahang	26,472	28,119	23,841	90.06	84.79	25,325	95.67	90.06
Terengganu	25,121	23,126	21,781	86.70	94.18	22,911	91.20	99.07
Kelantan	37,074	37,065	30,578	82.48	82.50	30,272	81.65	81.67
Sabah	53,896	66,890	61,038	113.25	91.25	62,229	115.46	93.03
Sarawak	42,626	43,289	40,471	94.94	93.49	42,628	100.00	98.47
<b>MALAYSIA</b>	<b>504,814</b>	<b>515,743</b>	<b>480,618</b>	<b>95.21</b>	<b>93.19</b>	<b>503,351</b>	<b>99.71</b>	<b>97.60</b>

Nota/Note :

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

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
*Refers to calculation of coverage using live births 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 HIB (DOS PERTAMA DAN DOS KETIGA) BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.48 : Immunisation Coverage of Infants for Hib (1st and 3rd Dose) by State, Malaysia, 2012

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Live Births (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</sup>	TBIS <sup>2</sup>		DOSM <sup>1</sup>	TBIS <sup>2</sup>
Perlis	4,163	4,116	3,831	92.02	93.08	3,922	94.21	95.29
Kedah	35,616	36,357	33,265	93.40	91.50	33,802	94.91	92.97
Pulau Pinang	22,173	25,759	23,316	105.15	90.52	24,995	112.73	97.03
Perak	36,554	38,890	34,858	95.36	89.63	37,335	102.14	96.00
Selangor	103,252	80,745	92,515	89.60	114.58	98,350	95.25	121.80
W.P. Kuala Lumpur	25,444	36,122	24,606	96.71	68.12	25,622	100.70	70.93
W.P. Putrajaya	2,551	6,043	2,821	110.58	46.68	3,451	135.28	57.11
W.P. Labuan	1,723	1,725	1,992	115.61	115.48	1,962	113.87	113.74
Negeri Sembilan	17,402	17,553	16,572	95.23	94.41	17,763	102.07	101.20
Melaka	13,397	15,213	13,367	99.78	87.87	14,264	106.47	93.76
Johor	57,350	54,731	55,756	97.22	101.87	58,486	101.98	106.86
Pahang	26,472	28,119	23,724	89.62	84.37	25,178	95.11	89.54
Terengganu	25,121	23,126	21,781	86.70	94.18	22,911	91.20	99.07
Kelantan	37,074	37,065	30,578	82.48	82.50	30,272	81.65	81.67
Sabah	53,896	66,890	61,004	113.19	91.20	62,207	115.42	93.00
Sarawak	42,626	43,289	40,471	94.94	93.49	42,628	100.00	98.47
<b>MALAYSIA</b>	<b>504,814</b>	<b>515,743</b>	<b>480,457</b>	<b>95.18</b>	<b>93.16</b>	<b>503,148</b>	<b>99.67</b>	<b>97.56</b>

Nota/Note :

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

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
*Refers to calculation of coverage using live births 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 DOS SEMULA DOUBLE ANTIGEN BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI,  
MALAYSIA, 2012**

Table 4.49 : Coverage of Standard 1 School Children For Booster Dose Double Antigen by State, Malaysia, 2012

NEGERI State	JUMLAH ENROLMEN DARJAH 1 Total Standard 1 Enrolment	MURID DARJAH 1 YANG DIBERI DOS SEMULA DOUBLE ANTIGEN	
		BILANGAN Number	LIPUTAN Coverage (%)
Perlis	3,775	3,775	100.00
Kedah	32,665	32,262	98.77
Pulau Pinang	22,729	22,658	99.69
Perak	34,696	34,545	99.56
Selangor	88,633	87,545	98.77
W.P. Kuala Lumpur	21,919	21,336	97.34
W.P. Putrajaya	1,780	1,780	100.00
W.P. Labuan	1,397	1,390	99.50
Negeri Sembilan	17,163	16,248	94.67
Melaka	13,320	13,300	99.85
Johor	54,970	55,036	100.12
Pahang	24,407	24,345	99.75
Terengganu	20,538	20,479	99.71
Kelantan	29,927	28,967	96.79
Sabah	45,254	45,141	99.75
Sarawak	40,081	38,832	96.88
<b>MALAYSIA</b>	<b>453,254</b>	<b>447,639</b>	<b>98.76</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.50 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.50 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2012

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Live Births (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS PERTAMA 1st Dose			DOS KEDUA 2nd Dose		
			BILANGAN Number	LIPUTAN / Coverage (%)		BILANGAN Number	LIPUTAN / Coverage (%)	
				DOSM <sup>1</sup>	TBIS <sup>2</sup>		DOSM <sup>1</sup>	TBIS <sup>2</sup>
Perlis	4,163	4,116	4,159	99.90	101.04	4,128	99.16	100.29
Kedah	35,616	36,357	29,720	83.45	81.74	35,657	100.12	98.07
Pulau Pinang	22,173	25,759	19,783	89.22	76.80	22,110	99.72	85.83
Perak	36,554	38,890	31,686	86.68	81.48	37,991	103.93	97.69
Selangor	103,252	80,745	85,349	82.66	105.70	86,431	83.71	107.04
W.P. Kuala Lumpur	25,444	36,122	20,552	80.77	56.90	23,430	92.08	64.86
W.P. Putrajaya	2,551	6,043	3,191	125.09	52.80	1,880	73.70	31.11
W.P. Labuan	1,723	1,725	1,880	109.11	108.99	1,952	113.29	113.16
Negeri Sembilan	17,402	17,553	16,668	95.78	94.96	17,176	98.70	97.85
Melaka	13,397	15,213	12,547	93.66	82.48	13,639	101.81	89.65
Johor	57,350	54,731	52,403	91.37	95.75	57,025	99.43	104.19
Pahang	26,472	28,119	26,072	98.49	92.72	23,863	90.14	84.86
Terengganu	25,121	23,126	19,998	79.61	86.47	24,366	96.99	105.36
Kelantan	37,074	37,065	23,087	62.27	62.29	35,890	96.81	96.83
Sabah	53,896	66,890	63,909	118.58	95.54	63,939	118.63	95.59
Sarawak	42,626	43,289	38,591	90.53	89.15	40,522	95.06	93.61
<b>MALAYSIA</b>	<b>504,814</b>	<b>515,743</b>	<b>449,595</b>	<b>89.06</b>	<b>87.17</b>	<b>489,999</b>	<b>97.07</b>	<b>95.01</b>

Nota/Note :

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

<sup>2</sup> Merujuk kepada perkiraan liputan dengan menggunakan kelahiran hidup diperolehi daripada Sistem Maklumat Tibi Kebangsaan (TBIS)  
Refers to calculation of coverage using live births 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 HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA DAN DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2012 (SAMB.)**

Table 4.50 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose and 4th Dose) by State, Malaysia, 2012 (Cont'd)

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Live Births (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	DOS KETIGA 3rd Dose			DOS KEEMPAT 4th Dose		
			BILANGAN Number	LIPUTAN / Coverage (%)		BILANGAN Number	LIPUTAN / Coverage (%)	
				DOSM <sup>1</sup>	TBIS <sup>2</sup>		DOSM <sup>1</sup>	TBIS <sup>2</sup>
Perlis	4,163	4,116	3,964	95.22	96.31	0	0	0
Kedah	35,616	36,357	33,559	94.22	92.30	0	0	0
Pulau Pinang	22,173	25,759	24,293	109.56	94.31	12	0.05	0.05
Perak	36,554	38,890	36,834	100.77	94.71	15	0.04	0.04
Selangor	103,252	80,745	96,055	93.03	118.96	0	0	0
W.P. Kuala Lumpur	25,444	36,122	25,176	98.95	69.70	179	0.70	0.50
W.P. Putrajaya	2,551	6,043	3,359	131.67	55.58	0	0	0
W.P. Labuan	1,723	1,725	1,931	112.07	111.94	0	0	0
Negeri Sembilan	17,402	17,553	16,826	96.69	95.86	27	0.16	0.15
Melaka	13,397	15,213	14,016	104.62	92.13	0	0	0
Johor	57,350	54,731	56,437	98.41	103.12	12	0.02	0.02
Pahang	26,472	28,119	24,915	94.12	88.61	4	0.02	0.01
Terengganu	25,121	23,126	22,908	91.19	99.06	0	0	0
Kelantan	37,074	37,065	30,163	81.36	81.38	0	0	0
Sabah	53,896	66,890	62,513	115.99	93.46	0	0	0
Sarawak	42,626	43,289	42,099	98.76	97.25	24	0.06	0.06
<b>MALAYSIA</b>	<b>504,814</b>	<b>515,743</b>	<b>495,048</b>	<b>98.07</b>	<b>95.99</b>	<b>273</b>	<b>0.05</b>	<b>0.05</b>

**JADUAL 4.51 : LIPUTAN PELALIAN MEASLES UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.51 : Immunisation Coverage of Infants for Measles by State, Malaysia, 2012

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Live Births (DOSM)	KELAHIRAN HIDUP Live Births (TBIS)	BAYI YANG TELAH DIBERI PELALIAN MEASLES Measles Immunisation Given to Infants		
			BILANGAN Number	LIPUTAN / Coverage (%)	
				DOSM <sup>1</sup>	TBIS <sup>2</sup>
Perlis	4,163	4,116	0	0	0
Kedah	35,616	36,357	0	0	0
Pulau Pinang	22,173	25,759	85	0.38	0.33
Perak	36,554	38,890	1,306	3.57	3.36
Selangor	103,252	80,745	69	0.07	0.09
W.P. Kuala Lumpur	25,444	36,122	0	0	0
W.P. Putrajaya	2,551	6,043	4	0.16	0.07
W.P. Labuan	1,723	1,725	0	0	0
Negeri Sembilan	17,402	17,553	0	0	0
Melaka	13,397	15,213	0	0	0
Johor	57,350	54,731	8	0.01	0.01
Pahang	26,472	28,119	0	0	0
Terengganu	25,121	23,126	0	0	0
Kelantan	37,074	37,065	2	0.01	0.01
Sabah	53,896	66,890	64,117	118.96	95.85
Sarawak	42,626	43,289	2,402	5.64	5.55
<b>MALAYSIA</b>	<b>504,814</b>	<b>515,743</b>	<b>67,993</b>	<b>13.47</b>	<b>13.18</b>

Nota/Note :

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

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.52. : LIPUTAN PELALIAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 HINGGA < 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.52. : *Immunisation Coverage of MMR (Mump, Measles And Rubella) for Children Aged 1 to < 2 Years by State, Malaysia, 2012*

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	4,300	3,829	89.05
Kedah	36,000	31,553	87.65
Pulau Pinang	22,600	23,036	101.93
Perak	35,000	35,480	101.37
Selangor	92,300	92,550	100.27
W.P. Kuala Lumpur	26,900	24,354	90.54
W.P. Putrajaya	3,100	3,328	107.35
W.P. Labuan	2,200	2,053	93.32
Negeri Sembilan	17,700	16,617	93.88
Melaka	13,200	13,669	103.55
Johor	56,300	56,214	99.85
Pahang	30,300	24,512	80.90
Terengganu	23,300	21,773	93.45
Kelantan	34,500	29,392	85.19
Sabah	63,100	58,527	92.75
Sarawak	40,800	41,975	102.88
<b>MALAYSIA</b>	<b>501,600</b>	<b>478,862</b>	<b>95.47</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 4.53 : LIPUTAN PELALIAN HPV (HUMAN PAPILLOMA VIRUS) (DOS PERTAMA DAN DOS KETIGA) BAGI PEREMPUAN BERUMUR 13 TAHUN MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.53 : Immunisation Coverage of Female Aged 13 Years for HPV (Human Papilloma Virus) (1st and 3rd Dose) by State, Malaysia, 2012

NEGERI State	ANGGARAN PEREMPUAN BERUMUR 13 TAHUN <sup>1</sup> <i>Estimated Female Aged 13 Years<sup>1</sup></i>	DOS PERTAMA 1st Dose		DOS KETIGA 3rd Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	1,900	2,185	115.00	2,180	114.74
Kedah	20,400	18,496	90.67	18,429	90.34
Pulau Pinang	12,500	11,751	94.01	11,685	93.48
Perak	23,600	20,298	86.01	20,201	85.60
Selangor	43,200	40,462	93.66	39,914	92.39
W.P. Kuala Lumpur	10,800	10,924	101.15	10,701	99.08
W.P. Putrajaya	500	538	107.60	538	107.60
W.P. Labuan	800	709	88.63	704	88.00
Negeri Sembilan	9,100	9,222	101.34	9,142	100.46
Melaka	7,000	7,092	101.31	7,067	100.96
Johor	30,800	28,877	93.76	28,669	93.08
Pahang	14,600	12,506	85.66	12,428	85.12
Terengganu	11,600	11,084	95.55	11,048	95.24
Kelantan	18,200	16,530	90.82	16,445	90.36
Sabah	28,900	21,601	74.74	21,591	74.71
Sarawak	23,500	20,284	86.31	19,931	84.81
<b>MALAYSIA</b>	<b>257,400</b>	<b>232,559</b>	<b>90.35</b>	<b>230,673</b>	<b>89.62</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.*

Punca : Bahagian Pembangunan Kesihatan Keluarga, Kementerian Kesihatan Malaysia

Source : Family Health Development Division, Ministry of Health Malaysia

**JADUAL 4.54 : LIPUTAN IBU-IBU MENGANDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.54. : Coverage of Ante-natal Mothers (1st Visit) by State, Malaysia, 2012

NEGERI State	ANGGARAN IBU MENGANDUNG <i>Estimated Number of Pregnant Mothers</i>	BILANGAN KEDATANGAN IBU MENGANDUNG (LAWATAN PERTAMA) <i>Number of Ante-Natal Attendances (1st Visit)</i>	LIPUTAN IBU MENGANDUNG (LAWATAN PERTAMA) <i>Coverage of Ante-Natal (1st Visit) (%)</i>
Perlis	4,787	3,950	81.52
Kedah	40,958	38,838	94.82
Pulau Pinang	25,499	25,271	99.11
Perak	42,037	33,587	79.90
Selangor	118,740	125,012	105.28
W.P. Kuala Lumpur	29,261	33,649	115.00
W.P. Putrajaya	2,934	4,462	152.08
W.P. Labuan	1,981	2,401	121.20
Negeri Sembilan	20,012	20,296	101.42
Melaka	15,407	13,775	89.41
Johor	65,953	70,068	106.24
Pahang	30,443	27,144	89.16
Terengganu	28,889	23,951	82.91
Kelantan	42,635	26,814	62.89
Sabah	61,980	68,039	109.78
Sarawak	49,020	43,066	87.85
<b>MALAYSIA</b>	<b>580,536</b>	<b>560,323</b>	<b>96.52</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 ANGGARAN IBU MENGANDUNG) MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.55. : Coverage of Ante-Natal Mothers for Tetanus Toxoid (using Estimated Pregnant Mothers as Denominator) by State, Malaysia, 2012

NEGERI State	ANGGARAN IBU MENGANDUNG Estimated Number of Pregnant Mothers	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 (%)
Perlis	4,787	1,339	27.97	3,871	80.86
Kedah	40,958	9,945	24.28	31,492	76.89
Pulau Pinang	25,499	7,702	30.21	20,124	78.92
Perak	42,037	12,507	29.75	31,451	74.82
Selangor	118,740	36,296	30.57	96,387	81.17
W.P. Kuala Lumpur	29,261	9,682	33.09	18,502	63.23
W.P. Putrajaya	2,934	1,518	51.74	3,841	130.91
W.P. Labuan	1,981	886	44.72	2,198	110.95
Negeri Sembilan	20,012	5,889	29.43	15,478	77.34
Melaka	15,407	4,413	28.64	12,936	83.96
Johor	65,953	21,706	32.91	55,786	84.58
Pahang	30,443	8,524	28.00	25,333	83.21
Terengganu	28,889	6,464	22.38	22,574	78.14
Kelantan	42,635	6,747	15.83	24,714	57.97
Sabah	61,980	20,974	33.84	61,986	100.01
Sarawak	49,020	19,971	40.74	39,993	81.59
<b>MALAYSIA</b>	<b>580,536</b>	<b>174,563</b>	<b>30.07</b>	<b>466,666</b>	<b>80.39</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.56. : LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID (MENGGUNAKAN DENOMINATOR KELAHIRAN HIDUP) MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.56. : Coverage of Ante-natal Mothers for Tetanus Toxoid (using Live Births as Denominator) by State, Malaysia, 2012

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Live Births (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</sup>	TBIS <sup>2</sup>		DOSM <sup>1</sup>	TBIS <sup>2</sup>
Perlis	4,163	4,116	1,339	32.16	32.53	3,871	92.99	94.05
Kedah	35,616	36,357	9,945	27.92	27.35	31,492	88.42	86.62
Pulau Pinang	22,173	25,759	7,702	34.74	29.90	20,124	90.76	78.12
Perak	36,554	38,890	12,507	34.22	32.16	31,451	86.04	80.87
Selangor	103,252	80,745	36,296	35.15	44.95	96,387	93.35	119.37
W.P. Kuala Lumpur	25,444	36,122	9,682	38.05	26.80	18,502	72.72	51.22
W.P. Putrajaya	2,551	6,043	1,518	59.51	25.12	3,841	150.57	63.56
W.P. Labuan	1,723	1,725	886	51.42	51.36	2,198	127.57	127.42
Negeri Sembilan	17,402	17,553	5,889	33.84	33.55	15,478	88.94	88.18
Melaka	13,397	15,213	4,413	32.94	29.01	12,936	96.56	85.03
Johor	57,350	54,731	21,706	37.85	39.66	55,786	97.27	101.93
Pahang	26,472	28,119	8,524	32.20	30.31	25,333	95.70	90.09
Terengganu	25,121	23,126	6,464	25.73	27.95	22,574	89.86	97.61
Kelantan	37,074	37,065	6,747	18.20	18.20	24,714	66.66	66.68
Sabah	53,896	66,890	20,974	38.92	31.36	61,986	115.01	92.67
Sarawak	42,626	43,289	19,971	46.85	46.13	39,993	93.82	92.39
<b>MALAYSIA</b>	<b>504,814</b>	<b>515,743</b>	<b>174,563</b>	<b>34.58</b>	<b>33.85</b>	<b>466,666</b>	<b>92.44</b>	<b>90.48</b>

Nota>Note :

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

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

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.57. : KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2012**

Table 4.57. : *Deliveries Attended by Trained Personnel, Malaysia, 2012*

KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH <i>Deliveries Attended by Trained Personnel</i>	BILANGAN Number	PERATUS Percentage
<b>Jumlah Kelahiran</b> <i>Total Deliveries</i>	<b>455,650</b>	<b>100.00</b>
<b>Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan)</b> <i>Deliveries by Trained Personnel (Government)</i>	<b>385,077</b>	<b>84.51</b>
- Hospital Kerajaan / Government Hospitals	379,080	83.19
- Kemudahan Kesihatan Awam / Public Health Facilities	5,997	1.32
<b>Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Swasta)</b> <i>Deliveries by Trained Personnel (Private)</i>	<b>64,553</b>	<b>14.17</b>
- Hospital Swasta / Private Hospitals	61,860	13.58
- Rumah Bersalin Swasta / Private Maternity Homes	2,693	0.59
<b>Kelahiran Yang Disambut Oleh Kakitangan Terlatih (Kerajaan Dan Swasta)</b> <i>Deliveries by Trained Personnel (Government and Private)</i>	<b>449,630</b>	<b>98.68</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

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

**JADUAL 4.58. : BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2007-2011**

Table 4.58. : Number of New Family Planning Acceptors by Type of Methods, Malaysia, 2007-2011

KAEDAH Methods	2007		2008		2009		2010		2011	
	BILANGAN Number	%								
Pil/Pill	64,500	67.2	63,253	68.1	64,475	67.9	64,103	65.6	70,075	62.9
Alat Dalam Rahim (ADR) <i>Ultra Uterine Device (IUD)</i>	3,392	3.5	3,064	3.3	2,651	2.8	2,547	2.6	2,725	2.4
Kondom/Condom	12,147	12.7	10,297	11.1	10,792	11.3	11,526	11.8	11,986	10.8
Suntikan/Injection	10,443	10.9	10,834	11.7	12,104	12.7	13,467	13.8	20,070	18.0
Sterilisasi/Sterilization										
- Perempuan/Female	3,841	4.0	3,658	3.9	3,499	3.7	3,580	3.7	4,084	3.7
- Lelaki/Male	1	0.0	1	0.0	5	0.0	0	0	2	0.0
Cara Waktu Selamat / Rhythm	958	1.0	879	0.9	620	0.7	1,068	1.1	981	0.9
Lain-Lain/Others	649	0.7	887	1.0	879	0.9	1,389	1.4	1,554	1.3
<b>Jumlah/Total</b>	<b>95,931</b>	<b>100.0</b>	<b>92,873</b>	<b>100.0</b>	<b>95,025</b>	<b>100.0</b>	<b>97,680</b>	<b>100.0</b>	<b>111,477</b>	<b>100.0</b>

Punca : Lembaga Penduduk Dan Pembangunan Keluarga Negara

Source : National Population and Family Development Board

**JADUAL 4.59. : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR DENGAN SISTEM BEKALAN AIR SELAMAT MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2012**

Table 4.59. : Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as at 31 December, 2012

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 Houses in Rural Area Covered with Safe Water Supply	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Perlis	35,219	34,665	98.43
Kedah	191,739	187,901	98.00
Pulau Pinang	71,522	71,382	99.80
Perak	154,616	151,126	97.74
Selangor	114,149	113,647	99.56
Negeri Sembilan	59,655	59,013	98.92
Melaka	74,624	74,576	99.94
Johor	159,659	158,979	99.57
Pahang	130,343	124,641	95.63
Terengganu	141,501	140,370	99.20
Kelantan	290,854	256,432	88.17
Sabah	208,227	196,316	94.28
Sarawak	205,367	200,184	97.48
<b>MALAYSIA</b>	<b>1,837,475</b>	<b>1,769,232</b>	<b>96.29</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 MEMPUNYAI TANDAS SEMPURNA MENGIKUT NEGERI,  
MALAYSIA SEHINGGA 31 DISEMBER, 2012**

Table 4.60. : Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as at 31 December, 2012

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	35,219	34,843	98.93
Kedah	191,739	190,372	99.29
Pulau Pinang	71,522	71,425	99.86
Perak	154,616	150,484	97.33
Selangor	114,149	112,642	98.68
Negeri Sembilan	59,655	58,502	98.07
Melaka	74,624	74,621	100.00
Johor	159,659	158,964	99.56
Pahang	130,343	123,760	94.95
Terengganu	141,501	140,853	99.54
Kelantan	290,854	285,524	98.17
Sabah	208,227	185,464	89.07
Sarawak	205,367	196,363	95.62
<b>MALAYSIA</b>	<b>1,837,475</b>	<b>1,783,817</b>	<b>97.08</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 PERLIMBAHAN  
MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2012**

Table 4.61. : Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as at 31 December, 2012

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 Houses Covered with Sullage Disposal System	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Perlis	35,219	22,605	64.18
Kedah	191,739	129,446	67.51
Pulau Pinang	71,522	56,847	79.48
Perak	154,616	86,078	55.67
Selangor	114,149	107,551	94.22
Negeri Sembilan	59,655	50,820	85.19
Melaka	74,624	69,947	93.73
Johor	159,659	150,147	94.04
Pahang	130,343	87,577	67.19
Terengganu	141,501	74,326	52.53
Kelantan	290,854	147,944	50.87
Sabah	208,227	121,229	58.22
Sarawak	205,367	121,919	59.37
<b>MALAYSIA</b>	<b>1,837,475</b>	<b>1,226,436</b>	<b>66.75</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. : LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENDAPAT KEMUDAHAN SISTEM PELUPUSAN SISA PEPEJAL MENGIKUT NEGERI, MALAYSIA SEHINGGA 31 DISEMBER, 2012**

Table 4.62. : Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as at 31 December, 2012

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 Houses Covered with Solid Waste Disposal System	
		BILANGAN RUMAH Number of Houses	PERATUS Percentage
Perlis	35,219	21,484	61.00
Kedah	191,739	155,433	81.06
Pulau Pinang	71,522	65,977	92.25
Perak	154,616	89,896	58.14
Selangor	114,149	105,874	92.75
Negeri Sembilan	59,655	43,010	72.10
Melaka	74,624	68,485	91.77
Johor	159,659	151,175	94.69
Pahang	130,343	84,913	65.15
Terengganu	141,501	89,980	63.59
Kelantan	290,854	180,272	61.98
Sabah	208,227	130,901	62.86
Sarawak	205,367	119,971	58.42
<b>MALAYSIA</b>	<b>1,837,475</b>	<b>1,307,371</b>	<b>71.15</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 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>PERLIS</b> Hospital Tengku Fauziah, Kangar	404	404	74.83	32,653	89.22	729	3.39	1.14
<b>Jumlah Negeri / State Total</b>	<b>404</b>	<b>404</b>	<b>74.83</b>	<b>32,653</b>	<b>89.22</b>	<b>729</b>	<b>3.39</b>	<b>1.14</b>
<b>KEDAH</b> Hospital Sultanah Bahiyah, Alor Setar Hospital Sultan Abdul Halim, Sungai Petani Hospital Kulim Hospital Baling Hospital Langkawi Hospital Yan Hospital Jitra Hospital Sik Hospital Kuala Nerang	870	856	94.98	72,703	198.64	1,802	4.09	0.22
	550	550	85.89	49,374	134.90	1,230	3.50	0.58
	314	310	75.50	27,263	74.49	480	3.15	1.02
	160	160	38.62	10,888	29.75	97	2.08	3.30
	110	110	78.05	9,606	26.25	141	3.28	0.92
	89	89	50.24	6,401	17.49	67	2.56	2.53
	103	103	50.23	6,839	18.69	117	2.77	2.74
	119	93	38.99	5,553	15.17	35	2.39	3.73
	72	72	46.57	4,057	11.08	56	3.02	3.46
<b>Jumlah Negeri / State Total</b>	<b>2,387</b>	<b>2,343</b>	<b>78.25</b>	<b>192,684</b>	<b>526.46</b>	<b>4,025</b>	<b>3.48</b>	<b>0.97</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>PULAU PINANG</b>								
Hospital Pulau Pinang	1,107	1,107	82.41	64,078	175.08	2,127	5.21	1.11
Hospital Bukit Mertajam	242	242	61.32	16,374	44.74	373	3.33	2.10
Hospital Seberang Jaya	314	314	102.89	38,224	104.44	766	3.08	-0.09
Hospital Sungai Bakap	105	105	60.13	6,483	17.71	92	3.56	2.36
Hospital Balik Pulau	71	71	61.56	3,281	8.96	50	4.88	3.05
Hospital Kepala Batas	108	108	66.99	9,435	25.78	197	2.80	1.38
<b>Jumlah Negeri / State Total</b>	<b>1,947</b>	<b>1,947</b>	<b>80.27</b>	<b>137,875</b>	<b>376.71</b>	<b>3,605</b>	<b>4.15</b>	<b>1.02</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>PERAK</b>								
Hospital Raja Perempuan Bainon, Ipoh	990	990	74.21	62,802	171.59	2,495	4.21	1.46
Hospital Taiping	608	608	70.11	42,421	115.90	1,523	3.67	1.57
Hospital Teluk Intan	548	548	48.07	25,108	68.60	694	3.51	3.79
Hospital Parit Buntar	120	120	45.12	9,601	26.23	87	2.07	2.51
Hospital Kuala Kangsar	136	136	40.17	6,600	18.03	68	3.02	4.50
Hospital Batu Gajah	160	140	48.48	8,552	23.37	186	2.91	3.08
Hospital Kampar	90	68	58.78	4,397	12.01	85	3.35	2.35
Hospital Tapah	100	100	31.56	5,647	15.43	38	2.04	4.43
Hospital Slim River	250	140	64.26	9,513	25.99	218	3.47	1.93
Hospital Seri Manjung	270	270	86.26	30,169	82.43	495	2.81	0.45
Hospital Gerik	75	75	49.73	4,996	13.65	32	2.73	2.76
Hospital Selama	90	90	25.24	3,643	9.95	25	2.29	6.78
Hospital Changkat Melintang	50	50	41.14	3,318	9.07	35	2.26	3.23
Hospital Sungai Siput	93	93	54.36	6,163	16.84	91	2.99	2.51
<b>Jumlah Negeri / State Total</b>	<b>3,580</b>	<b>3,428</b>	<b>62.03</b>	<b>222,930</b>	<b>609.10</b>	<b>6,072</b>	<b>3.44</b>	<b>2.10</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>SELANGOR</b>								
Hospital Tengku Ampuan Rahimah, Klang	893	893	97.70	95,194	260.09	1,719	3.44	0.08
Hospital Kajang	326	326	65.76	24,602	67.22	500	3.20	1.66
Hospital Kuala Kubu Baru	150	150	30.77	6,069	16.58	59	2.77	6.24
Hospital Tanjung Karang	114	114	41.19	7,161	19.57	104	2.40	3.43
Hospital Banting	153	153	54.71	11,177	30.54	203	2.74	2.27
Hospital Tengku Ampuan Jemaah, Sabak Bernam	93	93	40.57	5,695	15.56	69	2.42	3.55
Hospital Sungai Buluh	694	622	81.70	43,230	118.11	1,010	4.31	0.97
Hospital Selayang	960	880	69.55	53,068	144.99	1,313	4.20	1.84
Hospital Serdang	644	555	91.91	46,219	126.28	971	4.04	0.36
Hospital Ampang	562	444	84.48	33,006	90.18	798	4.16	0.76
Hospital Orang Asli	93	93	36.66	801	2.19	0	15.37	26.55
<b>Jumlah Negeri / State Total</b>	<b>4,682</b>	<b>4,323</b>	<b>77.28</b>	<b>326,222</b>	<b>891.32</b>	<b>6,746</b>	<b>3.78</b>	<b>1.11</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>WILAYAH PERSEKUTUAN KUALA LUMPUR</b> Hospital Kuala Lumpur	2,115	2,115	74.18	118,286	323.19	2,674	4.88	1.70
<b>Jumlah Negeri / State Total</b>	<b>2,115</b>	<b>2,115</b>	<b>74.18</b>	<b>118,286</b>	<b>323.19</b>	<b>2,674</b>	<b>4.88</b>	<b>1.70</b>
<b>WILAYAH PERSEKUTUAN PUTRAJAYA</b> Hospital Putrajaya	341	310	86.76	25,112	68.61	292	4.16	0.64
<b>Jumlah Negeri / State Total</b>	<b>341</b>	<b>310</b>	<b>86.76</b>	<b>25,112</b>	<b>68.61</b>	<b>292</b>	<b>4.16</b>	<b>0.64</b>
<b>WILAYAH PERSEKUTUAN LABUAN</b> Hospital Labuan	109	109	44.86	5,636	15.40	111	3.21	3.94
<b>Jumlah Negeri / State Total</b>	<b>109</b>	<b>109</b>	<b>44.86</b>	<b>5,636</b>	<b>15.40</b>	<b>111</b>	<b>3.21</b>	<b>3.94</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>NEGERI SEMBILAN</b>								
Hospital Tuanku Jaafar, Seremban	850	850	77.33	58,018	158.52	1,549	4.14	1.21
Hospital Tuanku Ampuan Najihah, Kuala Pilah	314	314	63.38	20,805	56.84	463	3.51	2.03
Hospital Tampin	85	85	40.79	5,573	15.23	36	2.28	3.31
Hospital Port Dickson	94	94	62.37	7,316	19.99	97	2.96	1.79
Hospital Jelebu	76	76	46.86	3,875	10.59	32	3.36	3.81
Hospital Jempol	108	104	37.92	5,958	16.28	47	2.42	3.97
<b>Jumlah Negeri / State Total</b>	<b>1,527</b>	<b>1,523</b>	<b>67.28</b>	<b>101,545</b>	<b>277.45</b>	<b>2,224</b>	<b>3.70</b>	<b>1.80</b>
<b>MELAKA</b>								
Hospital Melaka	1,041	1,041	82.16	75,025	204.99	1,814	4.09	0.89
Hospital Alor Gajah	29	29	73.70	2,714	7.42	16	2.88	1.03
Hospital Jasin	76	76	59.01	5,001	13.66	50	3.28	2.28
<b>Jumlah Negeri / State Total</b>	<b>1,146</b>	<b>1,146</b>	<b>80.41</b>	<b>82,740</b>	<b>226.07</b>	<b>1,880</b>	<b>4.01</b>	<b>0.98</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>JOHOR</b>								
Hospital Sultanah Aminah, Johor Bahru	989	989	89.75	80,416	219.72	2,472	4.03	0.46
Hospital Pakar Sultanah Fatimah, Muar	550	550	70.19	38,302	104.65	938	3.70	1.57
Hospital Batu Pahat	314	314	95.07	34,964	95.53	923	3.10	0.16
Hospital Segamat	314	314	64.80	23,759	64.92	448	3.13	1.70
Hospital Enche' Besar Hajjah Kalsom, Kluang	268	268	64.46	21,077	57.59	499	3.01	1.66
Hospital Kota Tinggi	158	158	52.29	11,811	32.27	234	2.49	2.27
Hospital Pontian	120	120	60.82	11,929	32.59	160	2.24	1.44
Hospital Mersing	55	55	46.71	3,149	8.60	86	2.98	3.40
Hospital Tangkak	69	69	34.87	3,559	9.72	52	2.47	4.61
Hospital T.S Maharaja Tun Ibrahim, Kulai	93	93	88.77	15,011	41.01	145	2.01	0.25
Hospital Sultan Ismail, Pandan	704	704	59.53	41,075	112.23	1,083	3.76	2.55
<b>Jumlah Negeri / State Total</b>	<b>3,634</b>	<b>3,634</b>	<b>73.07</b>	<b>285,052</b>	<b>778.83</b>	<b>7,040</b>	<b>3.40</b>	<b>1.25</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>PAHANG</b>								
Hospital Tengku Ampuan Afzan, Kuantan	793	759	82.76	51,653	141.13	1,179	4.41	0.92
Hospital Pekan	110	110	40.26	5,166	14.11	79	3.13	4.64
Hospital Sultan Haji Ahmad Shah, Temerloh	500	500	91.29	39,849	108.88	1,044	4.18	0.40
Hospital Bentong	152	132	51.63	6,740	18.42	129	3.70	3.47
Hospital Raub	89	89	49.26	5,631	15.39	80	2.86	2.94
Hospital Kuala Lipis	128	128	64.66	8,763	23.94	90	3.45	1.89
Hospital Jerantut	77	77	49.45	5,137	14.04	68	2.71	2.77
Hospital Jengka	70	70	72.26	6,469	17.67	55	2.86	1.10
Hospital Muadzam Shah	49	49	63.24	4,849	13.25	33	2.34	1.36
Hospital Sultanah Hajjah Kalsom, Cameron Highland	62	28	66.28	2,373	6.48	11	2.87	1.46
<b>Jumlah Negeri / State Total</b>	<b>2,030</b>	<b>1,942</b>	<b>75.28</b>	<b>136,630</b>	<b>373.31</b>	<b>2,768</b>	<b>3.90</b>	<b>1.28</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>TERENGGANU</b>								
Hospital Sultanah Nur Zahirah, Kuala Terengganu	821	821	81.09	69,734	190.53	1,463	3.50	0.82
Hospital Kemaman	116	116	93.14	15,425	42.14	185	2.56	0.19
Hospital Dungun	100	100	63.12	10,954	29.93	80	2.11	1.23
Hospital Besut	140	140	59.13	11,776	32.17	102	2.57	1.78
Hospital Hulu Terengganu	119	119	47.30	6,665	18.21	31	3.08	3.43
Hospital Setiu	76	76	36.46	4,094	11.19	29	2.47	4.31
<b>Jumlah Negeri / State Total</b>	<b>1,372</b>	<b>1,372</b>	<b>73.15</b>	<b>118,648</b>	<b>324.17</b>	<b>1,890</b>	<b>3.10</b>	<b>1.14</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>KELANTAN</b>								
Hospital Raja Perempuan Zainab II, Kota Bahru	920	915	75.34	54,750	149.59	1,457	4.60	1.50
Hospital Kuala Krai	150	150	80.00	13,352	36.48	266	3.30	0.83
Hospital Machang	90	90	48.62	6,317	17.26	65	2.54	2.69
Hospital Tumpat	119	119	43.19	5,734	15.67	123	3.28	4.31
Hospital Pasir Mas	120	120	46.20	8,921	24.37	85	2.27	2.64
Hospital Tanah Merah	120	120	92.25	12,832	35.06	149	3.16	0.27
Hospital Tengku Anis, Pasir Puteh	75	75	69.18	6,745	18.43	71	2.82	1.26
Hospital Gua Musang	90	90	46.04	5,850	15.98	35	2.60	3.04
Hospital Jeli	24	24	110.17	3,734	10.20	31	2.61	-0.24
<b>Jumlah Negeri / State Total</b>	<b>1,708</b>	<b>1,703</b>	<b>69.90</b>	<b>118,235</b>	<b>323.05</b>	<b>2,282</b>	<b>3.68</b>	<b>1.59</b>

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>SABAH</b>								
Hospital Queen Elizabeth I, Kota Kinabalu	589	306	78.38	13,465	36.79	921	6.49	1.79
Hospital Queen Elizabeth II, Kota Kinabalu	291	291	82.70	10,956	29.93	538	7.94	1.66
Hospital Duchess of Kent, Sandakan	400	395	62.55	24,896	68.02	664	3.62	2.17
Hospital Tawau	401	334	86.68	27,547	75.27	614	3.86	0.59
Hospital Beaufort	275	184	34.48	6,265	17.12	67	3.73	7.08
Hospital Beluran	52	52	48.57	2,758	7.54	25	3.35	3.55
Hospital Keningau	212	184	85.15	13,857	37.86	320	4.16	0.72
Hospital Kota Belud	172	172	54.69	9,012	24.62	118	3.80	3.15
Hospital Kudat	180	158	40.89	8,041	21.97	102	2.94	4.25
Hospital Lahad Datu	268	182	64.92	12,521	34.21	313	3.44	1.86
Hospital Papar	77	77	47.74	5,299	14.48	65	2.55	2.79
Hospital Ranau	110	110	56.44	7,915	21.63	71	2.87	2.22
Hospital Semporna	70	70	52.65	6,421	17.54	70	2.10	1.89

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>SABAH (SAMB. / Cont'd)</b>								
Hospital Tambunan	49	49	50.79	2,813	7.69	40	3.24	3.14
Hospital Tenom	92	80	51.26	4,534	12.39	54	3.32	3.15
Hospital Sipitang	93	93	22.34	2,347	6.41	23	3.24	11.25
Hospital Kota Marudu	97	97	64.08	8,267	22.59	97	2.76	1.54
Hospital Kinabatangan	68	68	36.22	3,378	9.23	19	2.66	4.69
Hospital Kuala Penyu	48	48	37.09	2,167	5.92	39	3.00	5.09
Hospital Kunak	48	48	47.65	3,203	8.75	38	2.61	2.87
Hospital Pitas	48	48	61.89	3,327	9.09	43	3.27	2.02
Hospital Tuaran <sup>1</sup>	n.a	n.a	n.a	n.a	n.a	n.a	n.a	n.a
<b>Jumlah Negeri / State Total</b>	<b>3,640</b>	<b>3,046</b>	<b>63.00</b>	<b>178,989</b>	<b>489.04</b>	<b>4,241</b>	<b>3.92</b>	<b>2.30</b>

<sup>1</sup>Hospital Tuaran hanya mempunyai Perkhidmatan Pesakit Luar

<sup>1</sup>Hospital Tuaran only has Outpatient Services

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>SARAWAK</b>								
Hospital Umum Kuching	986	986	77.58	53,240	145.46	1,485	5.26	1.52
Hospital Sri Aman	96	145	29.01	5,126	14.01	43	3.02	7.39
Hospital Sibu	555	555	75.69	33,375	91.19	842	4.61	1.48
Hospital Miri	333	333	79.25	26,268	71.77	681	3.68	0.96
Hospital Limbang <sup>2</sup>	100							
Hospital Sarikei	212	168	40.92	7,385	20.18	113	3.41	4.93
Hospital Kapit	134	134	40.97	5,424	14.82	81	3.70	5.34
Hospital Serian	84	84	48.04	6,225	17.01	65	2.37	2.57
Hospital Lundu	46	46	37.30	2,082	5.69	14	3.02	5.07
Hospital Saratok	106	106	21.87	3,066	8.38	44	2.78	9.94

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGgal Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>SARAWAK (SAMB. / Cont'd)</b>								
Hospital Mukah	80	80	28.93	3,209	8.77	29	2.64	6.48
Hospital Kanowit	100	100	24.07	2,459	6.72	21	3.60	11.36
Hospital Bintulu	292	292	73.99	18,883	51.59	313	4.19	1.47
Hospital Marudi	54	54	44.44	2,164	5.91	20	4.08	5.10
Hospital Lawas	46	46	33.89	2,002	5.47	26	2.81	5.48
Hospital Bau	68	68	32.47	2,872	7.85	47	2.82	5.87
Hospital Simunjan	42	36	28.93	1,466	4.01	10	2.60	6.40
Hospital Betong	48	48	48.90	3,112	8.50	24	2.75	2.87
Hospital Daro	46	46	25.15	1,680	4.59	27	2.48	7.39
RCBM Sarawak, Kuching	20	20	37.28	8	0.02	1	389.86	655.86
Hospital Dalat	8	8	53.59	755	2.06	8	2.08	1.80
<b>Jumlah Negeri / State Total <sup>2</sup></b>	<b>3,456</b>	<b>3,355</b>	<b>61.92</b>	<b>180,801</b>	<b>493.99</b>	<b>3,894</b>	<b>4.21</b>	<b>2.59</b>

Nota : <sup>2</sup> Maklumat di atas tidak termasuk Hospital Limbang

Note : <sup>2</sup> The above information excludes Hospital Limbang

**JADUAL 4.63. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2012 (SAMB.)**

Table 4.63. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2012 (Cont'd)

NEGERI/NAMA HOSPITAL DAN INSTITUSI State/Name of Hospital and Institution	BILANGAN KATIL Number of Beds		KADAR PENGGUNAAN KATIL Bed Occupancy Rate (%)	JUMLAH KEMASUKAN Total Admissions	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	JUMLAH KEMATIAN Total Deaths	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds						
<b>INSTITUSI PERUBATAN KHAS/ Special Medical Institution</b>								
Institut Perubatan Respiratori, Kuala Lumpur	118	118	48.46	2,533	6.92	69	8.28	8.81
Hospital Bahagia, Ulu Kinta, Perak	2,200	2,200	70.03	2,343	6.40	26	238.82	102.23
Hospital Permai, Tampoi, Johor	1,132	724	124.52	1,384	3.78	13	238.07	-46.88
Pusat Kawalan Kusta Negara, Sg. Buloh, Selangor	140	140	72.59	101	0.28	8	357.63	135.06
Hospital Mesra Bukit Padang, Sabah	302	302	61.79	737	2.01	0	91.79	56.77
Hospital Sentosa, Sarawak	338	338	66.02	578	1.58	5	144.80	74.54
Hospital Wanita & Kanak-Kanak, Likas, Sabah	504	504	77.46	43,146	117.89	255	3.22	0.94
Hospital Rehabilitasi Cheras, Kuala Lumpur <sup>3</sup>	166	n.a	n.a	n.a	n.a	n.a	n.a	n.a
<b>Jumlah Institusi / Institution Total</b>	<b>4,900</b>	<b>4,326</b>	<b>78.62</b>	<b>50,822</b>	<b>138.86</b>	<b>376</b>	<b>23.90</b>	<b>6.50</b>
<b>MALAYSIA <sup>3</sup></b>	<b>38,978</b>	<b>37,026</b>	<b>72.13</b>	<b>2,314,860</b>	<b>6,324.75</b>	<b>50,849</b>	<b>4.22</b>	<b>1.63</b>

Nota : <sup>3</sup> Maklumat di atas tidak termasuk Hospital Limbang dan Hospital Rehabilitasi Cheras

Note : <sup>3</sup> The above information excludes Hospital Limbang and Hospital Rehabilitation Cheras

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.64. : LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH MENGIKUT NEGERI, MALAYSIA, 2012**

Table 4.64. : Coverage of School Children Treated Under Oral Health Care and Percentage Given All Required Oral Health Treatment by State, Malaysia, 2012

NEGERI State	ENROLMENT MURID SEKOLAH <i>School Children Enrolment</i>	KEDATANGAN BARU New Attendances	LIPUTAN Coverage (%)	MURID SEKOLAH YANG DIBERI RAWATAN PENUH (Pergigian) <i>School Children Completed All Required Treatment (Oral Health)</i>	
				BILANGAN Number	LIPUTAN Coverage (%)
Perlis	47,481	47,246	99.51	46,071	97.51
Kedah	374,633	366,846	97.92	353,042	96.24
Pulau Pinang	256,342	254,016	99.09	246,326	96.97
Perak	433,316	431,359	99.55	424,300	98.36
Selangor	903,505	832,829	92.18	811,963	97.49
W.P. Kuala Lumpur	236,684	236,156	99.78	232,546	98.47
W.P. Putrajaya	15,356	15,323	99.79	15,084	98.44
W.P. Labuan	14,024	13,867	98.88	13,785	99.41
Negeri Sembilan	198,153	196,723	99.28	192,005	97.60
Melaka	154,879	152,754	98.63	148,364	97.13
Johor	610,446	597,853	97.94	582,526	97.44
Pahang	273,600	270,939	99.03	261,515	96.52
Terengganu	239,134	230,858	96.54	216,432	93.75
Kelantan	361,605	322,042	89.06	286,741	89.04
Sabah	459,354	376,765	82.02	335,974	89.17
Sarawak	471,569	302,844	64.22	284,638	93.99
<b>MALAYSIA</b>	<b>5,050,081</b>	<b>4,648,420</b>	<b>92.05</b>	<b>4,451,312</b>	<b>95.76</b>

Punca : Pusat Informatik Kesihatan, Kementerian Kesihatan Malaysia

Source : Health Informatics Centre, Ministry of Health Malaysia



Health Informatics Centre  
Planning Division  
**Ministry of Health Malaysia**

ISSN 1511-4589  
MOH/S/RAN/54.13(TR)