



# PETUNJUK KESIHATAN HEALTH INDICATORS

# 2010

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

PUSAT INFORMATIK KESIHATAN  
BAHAGIAN PERANCANGAN DAN PEMBANGUNAN  
KEMENTERIAN KESIHATAN MALAYSIA



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## **VISI KESIHATAN**

Negara menggembleng tenaga ke arah kesihatan yang lebih baik

## **MISI KEMENTERIAN KESIHATAN**

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

- i. Untuk memudahkan dan membolehkan rakyat
  - Mencapai sepenuhnya potensi mereka dalam kesihatan
  - Menghargai kesihatan sebagai aset paling berharga
  - Mengambil tanggungjawab dan tindakan positif demi kesihatan mereka
  
- ii. Untuk memastikan sistem kesihatan berkualiti tinggi, iaitu
  - Mengutamakan pelanggan
  - Saksama
  - Tidak membebankan
  - Cekap
  - Wajar mengikut teknologi
  - Boleh disesuaikan mengikut persekitaran
  - Inovatif
  
- iii. Dengan menekankan
  - Sifat penyayang, profesionalisme dan kerja berpasukan
  - Sifat menghormati maruah insan
  - Penglibatan masyarakat

## **VISION FOR HEALTH**

A nation working together for better health.

## **MISSION OF MINISTRY OF HEALTH**

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

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

## **TERAS KEEMPAT 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 seajar dengan Teras Misi National khususnya Teras Empat iaitu ' Untuk Meningkatkan Tahap an Kemampanan Kualiti Hidup'. Dengan bermulanya pelaksanaan RMK10 pada tahun 2011, Kerajaan Malaysia bercadang untuk membuat perbaharuan sistem penyampaian penjagaan kesihatan kita dengan memberi tumpuan kepada empat bidang utama :

- Mentransformasi sistem penyampaian penjagaan kesihatan
- Mempertingkatkan kualiti, keupayaan dan liputan infrastruktur penjagaan kesihatan
- Peralihan ke arah kesejahteraan dan pencegahan penyakit dan
- Mempertingkatkan 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-27 sejak Rangka Umum yang pertama bagi penilaian digunakan dalam tahun 1985. Sehingga kini, senarai petunjuk global tidak berubah. Petunjuk ini adalah penting bagi negara-negara anggota Pertubuhan Kesihatan Sedunia (WHO) menilai strategi nasional masing-masing ke arah matlamat-matlamat HFA.

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

### **PETUNJUK BAGI PENGAWASAN DAN PENILAIAN STRATEGI SEDUNIA**

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



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

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

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

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

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

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

## **PETUNJUK BAGI PEMANTAUAN DAN PENILAIAN STRATEGI DIPERINGKAT 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 itu yang biasa diguna oleh Pertubuhan Kesihatan Sedunia.

Walau bagaimanapun, kesemua petunjuk antarabangsa boleh didapati dalam senarai petunjuk kebangsaan ini, samada dalam bentuk asal ataupun telah diubahsuai.

Kebanyakan petunjuk ini diberi dengan lebih terperinci 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 tindakbalas 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 27th 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 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 PHC
- d) Resources for health
- e) Trends in healthy lifestyles and environment 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, many of the indicators are given in desegregated values 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.



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# 1

## PETUNJUK TAHAP PEMBANGUNAN SOSIAL DAN SOSIO-EKONOMI

*Social and Socio-Economic Development  
Status Indicators*





**JADUAL 1.1. : ENROLMEN PERINGKAT RENDAH DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2010**

*Table 1.1. : Enrolment at Primary Level in Government and Government-Aided School by Sex and State, Malaysia as of 30th June 2010*

<b>NEGERI</b> <i>State</i>	<b>LELAKI</b> <i>Male</i>	<b>PEREMPUAN</b> <i>Female</i>	<b>JUMLAH</b> <i>Total</i>
Perlis	13,018	12,439	25,457
Kedah	113,488	107,506	220,994
Pulau Pinang	75,144	71,980	147,124
Perak	124,782	118,386	243,168
Selangor	269,558	253,181	522,739
W.P. Kuala Lumpur	71,420	68,095	139,515
W.P. Putrajaya	3,842	3,747	7,589
Negeri Sembilan	56,594	53,628	110,222
Melaka	45,045	42,052	87,097
Johor	183,866	172,575	356,441
Pahang	81,185	76,672	157,857
Terengganu	68,691	65,119	133,810
Kelantan	104,005	98,535	202,540
Sabah	140,142	131,494	271,636
W.P. Labuan	4,043	3,816	7,859
Sarawak	137,191	127,989	265,180
<b>MALAYSIA</b>	<b>1,492,014</b>	<b>1,407,214</b>	<b>2,899,228</b>

**Nota/Note:**

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

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

Termasuk enrolmen Sekolah Model Khas dan Sekolah Sukan

PUNCA

: KEMENTERIAN PELAJARAN MALAYSIA.

*Including enrolment in Special Model Schools and Sports Schools*

Source

: *Ministry of Education Malaysia.*

**JADUAL 1.2. : BILANGAN KANAK-KANAK YANG TAMAT PERINGKAT MENENGAH RENDAH (TINGKATAN 3) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2010**

Table 1.2. : Number of Children Completed Lower Secondary Level (Form 3) in Government and Government Aided school by Sex and State, Malaysia as of 30th June 2010

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	2,270	2,278	4,548
Kedah	17,742	17,856	35,598
Pulau Pinang	11,495	11,529	23,024
Perak	21,135	21,024	42,159
Selangor	38,190	38,032	76,222
W.P. Kuala Lumpur	10,638	10,698	21,336
W.P. Putrajaya	672	541	1,213
Negeri Sembilan	8,876	8,848	17,724
Melaka	6,833	6,986	13,819
Johor	26,501	26,802	53,303
Pahang	12,132	11,913	24,045
Terengganu	11,123	11,471	22,594
Kelantan	14,998	15,243	30,241
Sabah	19,032	18,969	38,001
W.P. Labuan	611	564	1,175
Sarawak	19,620	19,997	39,617
<b>MALAYSIA</b>	<b>221,868</b>	<b>222,751</b>	<b>444,619</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 1.3. : BILANGAN KANAK-KANAK YANG TAMAT PERINGKAT MENENGAH ATAS (TINGKATAN 5 ) DI SEKOLAH KERAJAAN DAN BANTUAN KERAJAAN MENGIKUT JANTINA DAN NEGERI, MALAYSIA SEPERTI PADA 30 JUN 2010**

Table 1.3. : Number of Children Completed Upper Secondary Level ( Form 5) in Government and Government-Aided School by Sex and State, Malaysia as of 30th June 2010

NEGERI <i>State</i>	LELAKI <i>Male</i>	PEREMPUAN <i>Female</i>	JUMLAH <i>Total</i>
Perlis	2,304	2,235	4,539
Kedah	15,383	16,417	31,800
Pulau Pinang	10,262	10,609	20,871
Perak	19,223	19,862	39,085
Selangor	32,617	33,776	66,393
W.P. Kuala Lumpur	9,861	10,397	20,258
W.P. Putrajaya	611	393	1,004
Negeri Sembilan	8,943	8,804	17,747
Melaka	6,576	6,727	13,303
Johor	23,595	25,410	49,005
Pahang	11,520	11,811	23,331
Terengganu	10,434	11,238	21,672
Kelantan	13,876	14,880	28,756
Sabah	16,137	17,332	33,469
W.P. Labuan	592	539	1,131
Sarawak	17,668	18,360	36,028
<b>MALAYSIA</b>	<b>199,602</b>	<b>208,790</b>	<b>408,392</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, 2010**

Table 1.4. : *Gross Domestic Product, Gross National Income and Estimated Population, Malaysia 2010*

KELUARAN DALAM NEGERI KASAR (KDNK) (HARGA MALAR 2000) (DALAM JUTA) <i>Gross Domestic Product (GDP) (Constant 2000 prices) (In million)</i>	RM 559,554
PER KAPITA KDNK (HARGA MALAR 2000) <i>Per Capita GDP (Constant 2000 prices)</i>	RM 19,807
PENDAPATAN NEGARA KASAR (HARGA SEMASA) (DALAM JUTA) <i>Gross National Income (Current prices) (In million)</i>	RM 739,451
PENDAPATAN PER KAPITA (HARGA SEMASA) <i>Per Capita Income (Current prices)</i>	RM 26,175
ANGGARAN PENDUDUK (DALAM JUTA) <i>Estimated Population (In million)</i>	28.25

PUNCA : JADUAL PERANGKAAAN LAPORAN EKONOMI 2011/2012 - KEMENTERIAN KEWANGAN MALAYSIA.  
Source : *Statistical Tables Economic Report 2011/2012 - Ministry of Finance Malaysia.*

**JADUAL 1.5. : PURATA KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2000 - 2010**

*Table 1.5. : Average Annual Population Growth Rate, Malaysia, 2000 - 2010*

<b>TAHUN</b> <i>Year</i>	<b>JUMLAH</b> <i>Total</i>	<b>LELAKI</b> <i>Male</i>	<b>PEREMPUAN</b> <i>Female</i>
2000 - 2010	2.0	2.1	1.9

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

**JADUAL 1.6. : PERATUSAN PENDUDUK MENGIKUT KUMPULAN UMUR, JUMLAH NISBAH TANGGUNGAN DAN NISBAH JANTINA MENGIKUT NEGERI, MALAYSIA, 2010**

Table 1.6. : Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2010

NEGERI State	PERATUSAN PENDUDUK MENGIKUT KUMPULAN UMUR (TAHUN) Percentage of Population by Age Group (Years)			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 & KEATAS Years & Above		
Perlis	25.2	67.5	7.3	48.2	97
Kedah	29.3	64.5	6.2	55.1	102
Pulau Pinang	23.1	70.4	6.5	42.0	100
Perak	26.6	65.6	7.8	52.4	102
Selangor	25.1	71.3	3.6	40.3	107
W.P. Kuala Lumpur	22.1	73.2	4.7	36.6	104
W.P. Putrajaya	30.9	68.4	0.7	46.3	89
Negeri Sembilan	26.6	67.7	5.7	47.7	107
Melaka	26.3	67.5	6.2	48.0	101
Johor	27.2	67.5	5.3	48.2	112
Pahang	30.2	64.8	5.0	54.3	113
Terengganu	32.3	62.8	4.9	59.2	104
Kelantan	32.3	62.1	5.6	61.1	101
Sabah	32.0	65.2	2.8	53.5	107
W.P. Labuan	28.8	68.8	2.4	45.4	107
Sarawak	28.8	65.6	5.6	52.5	106
<b>MALAYSIA</b>	<b>27.6</b>	<b>67.3</b>	<b>5.1</b>	<b>48.5</b>	<b>106</b>

PUNCA : LAPORAN TABURAN PENDUDUK DAN CIRI-CIRI ASAS DEMOGRAFI - BANCI PENDUDUK DAN PERUMAHAN MALAYSIA 2010  
JABATAN PERANGKAAAN MALAYSIA.

Source : Population Distribution and Basic Demographic Characteristics - Population and Housing Census of Malaysia,  
Department of Statistics, Malaysia.

**JADUAL 1.7. : BILANGAN DAN PERATUS PENDUDUK BANDAR DAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA, 2010**

Table 1.7. : Number and Percentage of Urban and Rural Population by State, Malaysia, 2010

NEGERI State	JUMLAH PENDUDUK Total Population	PENDUDUK BANDAR Urban Population		PENDUDUK LUAR BANDAR Rural Population	
		BILANGAN Number	PERATUS Percentage	BILANGAN Number	PERATUS Percentage
Perlis	231,541	118,978	51.4	112,563	48.6
Kedah	1,947,651	1,257,941	64.6	689,710	35.4
Pulau Pinang	1,561,383	1,418,074	90.8	143,309	9.2
Perak	2,352,743	1,640,241	69.7	712,502	30.3
Selangor	5,462,141	4,990,482	91.4	471,659	8.6
W.P. Kuala Lumpur	1,674,621	1,674,621	100.0	-	-
W.P. Putrajaya	72,413	72,413	100.0	-	-
Negeri Sembilan	1,021,064	679,286	66.5	341,778	33.5
Melaka	821,110	709,933	86.5	111,177	13.5
Johor	3,348,283	2,405,874	71.9	942,409	28.1
Pahang	1,500,817	758,014	50.5	742,803	49.5
Terengganu	1,035,977	612,737	59.1	423,240	40.9
Kelantan	1,539,601	652,825	42.4	886,776	57.6
Sabah	3,206,742	1,731,806	54.0	1,474,936	46.0
W.P. Labuan	86,908	71,528	82.3	15,380	17.7
Sarawak	2,471,140	1,330,217	53.8	1,140,923	46.2
<b>MALAYSIA</b>	<b>28,334,135</b>	<b>20,124,970</b>	<b>71.0</b>	<b>8,209,165</b>	<b>29.0</b>

PUNCA : LAPORAN TABURAN PENDUDUK DAN CIRI-CIRI ASAS DEMOGRAFI - BANCI PENDUDUK DAN PERUMAHAN MALAYSIA 2010  
JABATAN PERANGKAAN MALAYSIA.

Source : Population Distribution and Basic Demographic Characteristics - Population and Housing Census of Malaysia,  
Department of Statistics, Malaysia.

**JADUAL 1.8. : KADAR LITERASI PENDUDUK MENGIKUT TAHAP UMUR DAN JANTINA, MALAYSIA, 2006 - 2010**

Table 1.8. : Literacy Rate of Population by Age and State, Malaysia, 2006 - 2010

TAHUN Year	BERUMUR 10 TAHUN DAN KEATAS Aged 10 Years and Above			BERUMUR 15 TAHUN DAN KEATAS Aged 15 Years and Above		
	JUMLAH Total %	LELAKI Male %	PEREMPUAN Female %	JUMLAH Total %	LELAKI Male %	PEREMPUAN Female %
2006	93.2	95.6	90.6	92.5	95.3	89.6
2007	93.1	95.5	90.6	92.3	95.1	89.5
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	91.6	93.1	95.4	90.7

NOTA/Note :

Kadar literasi dikira secara proksi berdasarkan penduduk berumur 10 tahun ke atas dan 15 tahun dan lebih yang pernah menghadiri sekolah  
The Literacy Rate was calculated by proxy based on population aged 10 years & above and 15 years & above who have attended school.

PUNCA : PENYIASATAN TENAGA BURUH, JABATAN PERANGKAAAN MALAYSIA

Source : Labour Force Survey, Department of Statistics, Malaysia



**JADUAL 1.9. : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2006 - 2010**

Table 1.9. : *Life Expectancy at Birth by Sex, Malaysia, 2006 - 2010*

<b>TAHUN</b> <i>Year</i>	<b>LELAKI</b> <i>Male</i> (Bilangan Tahun/Number of Years)	<b>PEREMPUAN</b> <i>Female</i> (Bilangan Tahun/Number of Years)
2006	71.48	76.26
2007	71.54	76.33
2008	71.57	76.40
2009 <sup>p</sup>	71.63	76.51
2010 <sup>e</sup>	71.89	76.95

NOTA/Note :

<sup>p</sup> : PERMULAAN / *Preliminary*

<sup>e</sup> : Anggaran / *estimates*

PUNCA : JABATAN PERANGKAAN MALAYSIA.

Source : *Department of Statistics, Malaysia.*

**JADUAL 1.10. : TABURAN PERATUS KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN BAGI MALAYSIA, 2006 - 2010**

Table 1.10. : *Percentage Distribution of Live Births\* by Birth Weight, Malaysia, 2006 – 2010*

TAHUN Year	TABURAN PERATUS KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN <i>Percentage Distribution of 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>
2006	10.5	89.5
2007	10.6	89.4
2008	10.8	89.2
2009	11.2	88.8
2010 <sup>P</sup>	11.1	88.9

NOTA/Note :

<sup>P</sup> : PERMULAAN / *Preliminary*

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, 2008 - 2009**

Table 2.1. : Perinatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2008 - 2009

NEGERI State	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	35	8.4	23	10.6	12	6.0	31	7.3	22	10.0	9	4.5
Kedah	340	9.6	191	10.5	149	8.7	350	9.7	193	10.4	157	9.0
Pulau Pinang	168	7.3	90	7.6	78	7.1	171	7.6	93	8.0	78	7.1
Perak	283	7.7	158	8.3	125	7.0	284	7.7	153	8.1	131	7.3
Selangor <sup>1</sup>	587	5.9	326	6.4	261	5.5	640	6.3	390	7.4	250	5.1
W.P. K.Lumpur	161	6.3	77	5.9	84	6.8	163	6.3	95	7.1	68	5.4
Negeri Sembilan	145	8.4	88	10.0	57	6.8	164	9.5	101	11.4	63	7.5
Melaka	142	10.5	79	11.5	63	9.4	130	9.7	66	9.6	64	9.8
Johor	388	6.8	223	7.5	165	6.0	419	7.3	231	7.8	188	6.8
Pahang	201	7.8	110	8.3	91	7.4	214	8.2	106	7.9	108	8.6
Terengganu	250	10.7	132	10.9	118	10.5	281	11.7	166	13.5	115	9.8
Kelantan	344	9.9	205	11.3	139	8.3	365	10.2	213	11.6	152	8.7
Sabah	189	3.8	98	3.8	91	3.8	235	4.5	127	4.7	108	4.3
W.P.Labuan	20	11.9	11	13.0	9	10.8	17	10.3	10	11.8	7	8.7
Sarawak	307	7.1	167	7.4	140	6.8	348	8.0	194	8.6	154	7.4
<b>MALAYSIA</b>	<b>3,560</b>	<b>7.3</b>	<b>1,978</b>	<b>7.8</b>	<b>1,582</b>	<b>6.7</b>	<b>3,812</b>	<b>7.6</b>	<b>2,160</b>	<b>8.4</b>	<b>1,652</b>	<b>6.8</b>

NOTA : \* Setiap 1,000 jumlah kelahiran. <sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya

Note : \* Per 1,000 total births. <sup>1</sup> Includes Wilayah Persekutuan Putrajaya

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.2. : KELAHIRAN MATI (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2008 - 2009**  
Table 2.2. : Stillbirths (Number and Rate\*) by State and Sex, Malaysia, 2008 - 2009

NEGERI State	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	17	4.1	11	5.1	6	3.0	16	3.8	9	4.1	7	3.5
Kedah	190	5.4	97	5.3	93	5.4	191	5.3	103	5.6	88	5.0
Pulau Pinang	104	4.5	49	4.1	55	5.0	89	3.9	45	3.9	44	4.0
Perak	186	5.1	103	5.4	83	4.7	161	4.4	88	4.7	73	4.1
Selangor <sup>1</sup>	344	3.5	191	3.7	153	3.2	365	3.6	226	4.3	139	2.8
W.P. K.Lumpur	103	4.1	50	3.8	53	4.3	101	3.9	59	4.4	42	3.3
Negeri Sembilan	89	5.2	52	5.9	37	4.4	89	5.2	53	6.0	36	4.3
Melaka	83	6.1	50	7.3	33	4.9	77	5.8	37	5.4	40	6.2
Johor	214	3.7	123	4.2	91	3.3	254	4.4	126	4.2	128	4.7
Pahang	122	4.8	66	5.0	56	4.5	123	4.7	58	4.3	65	5.2
Terengganu	151	6.5	81	6.7	70	6.2	182	7.6	112	9.1	70	6.0
Kelantan	220	6.3	129	7.1	91	5.4	221	6.2	122	6.6	99	5.7
Sabah	110	2.2	58	2.2	52	2.2	132	2.5	69	2.6	63	2.5
W.P.Labuan	13	7.7	7	8.3	6	7.2	8	4.8	6	7.1	2	2.5
Sarawak	182	4.2	95	4.2	87	4.2	207	4.8	111	4.9	96	4.6
<b>MALAYSIA</b>	<b>2,128</b>	<b>4.3</b>	<b>1,162</b>	<b>4.6</b>	<b>966</b>	<b>4.1</b>	<b>2,216</b>	<b>4.4</b>	<b>1,224</b>	<b>4.8</b>	<b>992</b>	<b>4.1</b>

NOTA : \* Setiap 1,000 jumlah kelahiran. <sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya  
Note : \* Per 1,000 total births. <sup>1</sup> Includes Wilayah Persekutuan Putrajaya

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

**JADUAL 2.3. : KEMATIAN NEONATAL (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2008 - 2009**  
Table 2.3. : Neonatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2008 - 2009

NEGERI State	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	24	5.8	15	6.9	9	4.5	20	4.7	16	7.3	4	2.0
Kedah	191	5.4	119	6.6	72	4.2	196	5.5	109	5.9	87	5.0
Pulau Pinang	80	3.5	54	4.6	26	2.4	99	4.4	57	4.9	42	3.8
Perak	131	3.6	79	4.2	52	2.9	160	4.4	86	4.6	74	4.2
Selangor <sup>1</sup>	331	3.4	189	3.7	142	3.0	375	3.7	225	4.3	150	3.1
W.P. K.Lumpur	81	3.2	39	3.0	42	3.4	80	3.1	44	3.3	36	2.9
Negeri Sembilan	74	4.3	48	5.5	26	3.1	99	5.8	60	6.8	39	4.7
Melaka	76	5.6	34	5.0	42	6.3	75	5.6	42	6.2	33	5.1
Johor	238	4.2	136	4.6	102	3.7	234	4.1	142	4.8	92	3.4
Pahang	109	4.3	61	4.6	48	3.9	127	4.9	69	5.1	58	4.6
Terengganu	150	6.4	82	6.8	68	6.1	139	5.8	77	6.3	62	5.3
Kelantan	169	4.9	103	5.7	66	3.9	208	5.8	125	6.8	83	4.8
Sabah	99	2.0	52	2.0	47	2.0	128	2.5	74	2.7	54	2.1
W.P.Labuan	8	4.8	5	5.9	3	3.6	11	6.7	5	5.9	6	7.5
Sarawak	161	3.8	99	4.4	62	3.0	194	4.5	115	5.1	79	3.8
<b>MALAYSIA</b>	<b>1,922</b>	<b>3.9</b>	<b>1,115</b>	<b>4.4</b>	<b>807</b>	<b>3.4</b>	<b>2,145</b>	<b>4.3</b>	<b>1,246</b>	<b>4.9</b>	<b>899</b>	<b>3.7</b>

NOTA : \* Setiap 1,000 kelahiran hidup. <sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya  
Note : \* Per 1,000 Live births. <sup>1</sup> Includes Wilayah Persekutuan Putrajaya

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.4. : KEMATIAN BAYI (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2008 - 2009**

Table 2.4. : Infant Deaths (Number and Rate\*) by State and Sex, Malaysia, 2008 - 2009

NEGERI State	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	33	7.9	22	10.2	11	5.5	32	7.6	22	10.0	10	5.0
Kedah	277	7.9	161	8.9	116	6.8	276	7.7	154	8.4	122	7.0
Pulau Pinang	130	5.7	80	6.8	50	4.6	145	6.4	80	6.9	65	5.9
Perak	227	6.2	124	6.6	103	5.8	264	7.2	146	7.8	118	6.6
Selangor <sup>1</sup>	529	5.4	296	5.8	233	4.9	595	5.9	356	6.8	239	4.9
W.P. K.Lumpur	118	4.7	56	4.3	62	5.1	138	5.3	76	5.7	62	4.9
Negeri Sembilan	117	6.8	72	8.2	45	5.4	152	8.9	85	9.6	67	8.1
Melaka	110	8.2	48	7.0	62	9.3	119	9.0	66	9.7	53	8.2
Johor	381	6.7	218	7.4	163	5.9	386	6.8	233	7.9	153	5.6
Pahang	191	7.5	112	8.5	79	6.4	228	8.8	118	8.8	110	8.8
Terengganu	214	9.2	118	9.8	96	8.6	206	8.7	110	9.1	96	8.2
Kelantan	270	7.8	160	8.9	110	6.6	338	9.5	183	10.0	155	9.0
Sabah	176	3.6	95	3.7	81	3.4	204	3.9	119	4.4	85	3.4
W.P.Labuan	15	9.0	11	13.1	4	4.8	15	9.1	7	8.3	8	10.0
Sarawak	257	6.0	156	7.0	101	4.9	306	7.1	170	7.6	136	6.5
<b>MALAYSIA</b>	<b>3,045</b>	<b>6.2</b>	<b>1,729</b>	<b>6.9</b>	<b>1,316</b>	<b>5.6</b>	<b>3,404</b>	<b>6.9</b>	<b>1,925</b>	<b>7.5</b>	<b>1,479</b>	<b>6.2</b>

NOTA : \* Setiap 1,000 kelahiran hidup. <sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya

Note : \* Per 1,000 Live births. <sup>1</sup> Includes Wilayah Persekutuan Putrajaya

PUNCA : JABATAN PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.



**JADUAL 2.5. : KEMATIAN KANAK-KANAK (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2008 - 2009**  
Table 2.5. : Toddler Deaths (Number and Rate\*) by State and Sex, Malaysia, 2008 - 2009

NEGERI State	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	11	0.7	7	0.9	4	0.5	8	0.5	6	0.8	2	0.3
Kedah	67	0.5	40	0.6	27	0.4	59	0.4	29	0.4	30	0.5
Pulau Pinang	27	0.3	16	0.3	11	0.3	26	0.3	14	0.3	12	0.3
Perak	74	0.5	37	0.5	37	0.5	118	0.8	64	0.9	54	0.8
Selangor <sup>1</sup>	133	0.4	77	0.4	56	0.3	117	0.3	58	0.3	59	0.3
W.P. K.Lumpur	37	0.4	23	0.5	14	0.3	30	0.3	20	0.4	10	0.2
Negeri Sembilan	27	0.4	15	0.4	12	0.4	22	0.3	9	0.3	13	0.4
Melaka	17	0.3	12	0.4	5	0.2	23	0.4	6	0.2	17	0.7
Johor	111	0.5	66	0.6	45	0.4	77	0.3	46	0.4	31	0.3
Pahang	70	0.7	33	0.6	37	0.8	78	0.8	50	1.0	28	0.6
Terengganu	47	0.5	28	0.6	19	0.4	46	0.5	26	0.6	20	0.5
Kelantan	110	0.8	55	0.8	55	0.8	97	0.7	46	0.7	51	0.8
Sabah	36	0.2	21	0.2	15	0.2	37	0.2	22	0.2	15	0.2
W.P.Labuan	3	0.5	2	0.6	1	0.3	5	0.8	3	0.9	2	0.7
Sarawak	72	0.4	37	0.4	35	0.4	75	0.4	42	0.5	33	0.4
<b>MALAYSIA</b>	<b>842</b>	<b>0.4</b>	<b>469</b>	<b>0.5</b>	<b>373</b>	<b>0.4</b>	<b>818</b>	<b>0.4</b>	<b>441</b>	<b>0.5</b>	<b>377</b>	<b>0.4</b>

NOTA : \* Setiap 1,000 penduduk berumur 1 - 4 tahun.  
Note : \* Per 1,000 Toddler population.

<sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya  
<sup>1</sup> Includes Wilayah Persekutuan Putrajaya

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

**JADUAL 2.6. : KEMATIAN DI BAWAH LIMA TAHUN (BILANGAN & KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2008 - 2009**

Table 2.6. : Deaths under five years of age (Number and Rate\*) by State and Sex, Malaysia, 2008 - 2009

NEGERI State	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	44	10.6	29	13.4	15	7.5	40	9.5	28	12.7	12	6.0
Kedah	344	9.8	201	11.1	143	8.4	335	9.4	183	10.0	152	8.7
Pulau Pinang	157	6.9	96	8.1	61	5.6	171	7.6	94	8.1	77	7.0
Perak	301	8.2	161	8.5	140	7.9	382	10.4	210	11.1	172	9.7
Selangor <sup>1</sup>	662	6.7	373	7.3	289	6.1	712	7.0	414	7.9	298	6.1
W.P. K.Lumpur	155	6.1	79	6.1	76	6.2	168	6.5	96	7.2	72	5.7
Negeri Sembilan	144	8.4	87	10.0	57	6.8	174	10.1	94	10.6	80	9.6
Melaka	127	9.4	60	8.8	67	10.1	142	10.7	72	10.5	70	10.8
Johor	492	8.6	284	9.6	208	7.5	463	8.1	279	9.4	184	6.7
Pahang	261	10.2	145	11.0	116	9.4	306	11.8	168	12.5	138	11.0
Terengganu	261	11.2	146	12.1	115	10.3	252	10.6	136	11.2	116	10.0
Kelantan	380	11.0	215	12.0	165	9.9	435	12.2	229	12.5	206	11.9
Sabah	212	4.3	116	4.5	96	4.0	241	4.6	141	5.2	100	4.0
W.P.Labuan	18	10.8	13	15.5	5	6.0	20	12.1	10	11.8	10	12.4
Sarawak	329	7.7	193	8.6	136	6.6	381	8.8	212	9.5	169	8.1
<b>MALAYSIA</b>	<b>3,887</b>	<b>8.0</b>	<b>2,198</b>	<b>8.7</b>	<b>1,689</b>	<b>7.2</b>	<b>4,222</b>	<b>8.5</b>	<b>2,366</b>	<b>9.2</b>	<b>1,856</b>	<b>7.7</b>

NOTA : \* Setiap 1,000 kelahiran hidup. <sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya

Note : \* Per 1,000 Live births. <sup>1</sup> Includes Wilayah Persekutuan Putrajaya

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.7. : KEMATIAN IBU BERSALIN (BILANGAN DAN KADAR\*) MENGIKUT NEGERI, MALAYSIA, 2008 - 2009**  
Table 2.7. : Maternal Deaths (Number and Rate\*) by State, Malaysia, 2008 - 2009

NEGERI State	2008		2009	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	1	0.2	0	0
Kedah	13	0.4	10	0.3
Pulau Pinang	4	0.2	6	0.3
Perak	13	0.4	8	0.2
Selangor <sup>1</sup>	22	0.2	28	0.3
W.P. K.Lumpur	5	0.2	4	0.2
Negeri Sembilan	7	0.4	3	0.2
Melaka	6	0.4	1	0.1
Johor	10	0.2	18	0.3
Pahang	9	0.4	7	0.3
Terengganu	1	0.0	7	0.3
Kelantan	12	0.3	16	0.4
Sabah	14	0.3	12	0.2
W.P.Labuan	1	0.6	0	0
Sarawak	15	0.3	14	0.3
<b>MALAYSIA</b>	<b>133</b>	<b>0.3</b>	<b>134</b>	<b>0.3</b>

NOTA : \* Setiap 1,000 kelahiran hidup.      <sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya  
Note : \* Per 1,000 Live births.              <sup>1</sup> Includes Wilayah Persekutuan Putrajaya

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

**JADUAL 2.8 : KADAR KESUBURAN JUMLAH, MALAYSIA, 2006 - 2010**

Table 2.8. : Total Fertility Rate, Malaysia, 2006 - 2010

<b>TAHUN</b> Year	<b>KADAR KESUBURAN JUMLAH (SETIAP PEREMPUAN BERUMUR 15 - 49 TAHUN)</b> Total Fertility Rate (Per Female Aged 15 - 49 Years)
2006	2.3
2007	2.3
2008	2.3
2009	2.3
2010 <sup>P</sup>	2.2

<sup>P</sup> PERMULAAN / Preliminary

PUNCA : JABATAN PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.9. : KEMATIAN (BILANGAN DAN KADAR) MENGIKUT KUMPULAN UMUR TERTENTU, MALAYSIA, 2008 - 2009**

Table 2.9. : Deaths (Number and Rate) by Specific Age Groups, Malaysia, 2008 - 2009

KUMPULAN UMUR <i>Age Group</i>	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian <i>Deaths</i>	Kadar <i>Rate</i>	Kematian <i>Deaths</i>	Kadar <i>Rate</i>	Kematian <i>Deaths</i>	Kadar <i>Rate</i>	Kematian <i>Deaths</i>	Kadar <i>Rate</i>	Kematian <i>Deaths</i>	Kadar <i>Rate</i>	Kematian <i>Deaths</i>	Kadar <i>Rate</i>
< 1	3,045	6.4	1,729	7.1	1,316	5.7	3,404	6.9	1,925	7.6	1,479	6.2
1 – 4	842	0.4	469	0.5	373	0.4	818	0.4	441	0.5	377	0.4
5 – 9	616	0.2	362	0.3	254	0.2	660	0.3	387	0.3	273	0.2
10 – 14	793	0.3	486	0.3	307	0.2	814	0.3	526	0.4	288	0.2
15 – 19	1,836	0.7	1,360	1.0	476	0.4	1,918	0.7	1,447	1.1	471	0.4
20 – 24	2,242	0.9	1,703	1.4	539	0.4	2,348	0.9	1,759	1.4	589	0.5
25 – 29	2,345	1.1	1,741	1.6	604	0.5	2,355	1.0	1,721	1.5	634	0.6
30 – 34	2,749	1.4	2,061	2.1	688	0.7	2,798	1.4	2,103	2.1	695	0.7
35 – 39	3,393	1.8	2,461	2.6	932	1.0	3,515	1.9	2,543	2.7	972	1.0
40 – 44	4,434	2.5	3,042	3.4	1,392	1.6	4,393	2.5	3,018	3.4	1,375	1.6
45 – 49	5,935	3.8	3,951	5.0	1,984	2.6	6,410	4.0	4,287	5.3	2,123	2.7
50 – 54	7,920	6.0	5,179	7.7	2,741	4.3	8,494	6.3	5,538	8.0	2,956	4.5
55 – 59	9,668	9.5	6,189	11.9	3,479	7.0	10,096	9.4	6,489	11.8	3,607	6.8
60 – 64	10,984	15.5	6,895	19.0	4,089	11.9	11,871	15.9	7,549	19.8	4,322	11.9
65 – 69	13,076	25.3	7,941	31.0	5,135	19.8	12,913	24.1	7,790	29.1	5,123	19.1
70 – 74	15,875	44.2	8,830	53.0	7,045	36.6	16,450	44.0	9,263	53.3	7,187	35.9
75 – 79	14,530	64.1	7,155	69.1	7,375	59.8	14,468	6.8	7,209	66.8	7,259	55.8
80 +	24,555	128.3	10,651	126.1	13,904	130.0	26,405	131.6	11,282	126.8	15,123	135.4
Tidak diketahui <i>Unknown</i>	19	-	-	-	19	-	5	-	-	-	5	-
<b>JUMLAH</b>	<b>124,857</b>	<b>4.7</b>	<b>72,205</b>	<b>5.4</b>	<b>52,652</b>	<b>4.0</b>	<b>130,135</b>	<b>4.8</b>	<b>75,277</b>	<b>5.5</b>	<b>54,858</b>	<b>4.2</b>

NOTA : \* Setiap 1,000 Penduduk Kumpulan Umur Tertentu.

Note : \* Per 1,000 Population Specific Age Groups.

PUNCA

Source

: JABATAN PERANGKAAAN MALAYSIA.

: Department of Statistics, Malaysia.

**JADUAL 2.10 : KELAHIRAN HIDUP DAN KADAR KASAR KELAHIRAN\* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2008 - 2009**  
Table 2.10 : Live Births and Crude Births Rate\* by State and Sex, Malaysia, 2008- 2009

NEGERI State	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate
Perlis	4,152	18.1	2,161	19.2	1,991	17.1	4,212	18.2	2,197	19.3	2,015	17.1
Kedah	35,116	18.8	18,035	19.4	17,081	18.1	35,763	18.9	18,387	19.5	17,376	18.2
Pulau Pinang	22,764	15.6	11,833	16.3	10,931	14.9	22,558	15.3	11,621	15.9	10,937	14.8
Perak	36,543	15.9	18,834	16.4	17,709	15.5	36,655	15.8	18,836	16.3	17,819	15.4
Selangor <sup>1</sup>	98,404	20.5	50,907	20.8	47,497	20.2	101,610	20.8	52,446	21.0	49,164	20.6
W.P. K.Lumpur	25,290	16.0	13,030	16.3	12,260	15.8	25,864	16.2	13,252	16.4	12,612	16.0
Negeri Sembilan	17,104	17.8	8,743	17.8	8,361	17.7	17,159	17.6	8,844	17.8	8,315	17.4
Melaka	13,454	18.6	6,810	18.8	6,644	18.4	13,293	18.1	6,829	18.6	6,464	17.7
Johor	57,080	18.3	29,513	18.4	27,567	18.2	57,017	18.0	29,631	18.2	27,386	17.9
Pahang	25,511	17.5	13,232	17.5	12,279	17.6	25,910	17.6	13,411	17.5	12,499	17.7
Terengganu	23,257	22.3	12,077	22.8	11,180	21.8	23,795	22.4	12,152	22.6	11,643	22.3
Kelantan	34,663	22.0	17,948	22.8	16,715	21.1	35,574	22.2	18,277	22.9	17,297	21.5
Sabah	49,456	16.9	25,735	17.0	23,721	16.7	52,053	17.5	26,925	17.6	25,128	17.4
W.P.Labuan	1,668	19.2	841	18.6	827	20.0	1,649	18.7	845	18.4	804	19.1
Sarawak	42,884	18.2	22,353	18.7	20,531	17.7	43,201	18.1	22,407	18.5	20,794	17.7
<b>MALAYSIA</b>	<b>487,346</b>	<b>18.4</b>	<b>252,052</b>	<b>18.7</b>	<b>235,294</b>	<b>18.1</b>	<b>496,313</b>	<b>18.5</b>	<b>256,060</b>	<b>18.8</b>	<b>240,253</b>	<b>18.2</b>

NOTA : \* Setiap 1,000 Penduduk.

<sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya

Note : \* Per 1,000 Population.

<sup>1</sup> Includes Wilayah Persekutuan Putrajaya

PUNCA : JABATAN PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.11 : KEMATIAN DAN KADAR KASAR KEMATIAN\* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2008 - 2009**

Table 2.11 : Deaths and Crude Death Rate\* by State and Sex, Malaysia, 2008 - 2009

NEGERI State	2008						2009					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	1,604	7.0	931	8.3	673	5.8	1,577	6.8	898	7.9	679	5.8
Kedah	10,957	5.9	6,263	6.7	4,694	5.0	11,582	6.1	6,610	7.0	4,972	5.2
Pulau Pinang	8,383	5.8	4,649	6.4	3,734	5.1	8,673	5.9	4,880	6.7	3,793	5.1
Perak	15,205	6.6	8,674	7.6	6,531	5.7	15,656	6.8	8,911	7.7	6,745	5.8
Selangor <sup>1</sup>	17,394	3.6	10,123	4.1	7,271	3.1	18,251	3.7	10,562	4.2	7,689	3.2
W.P. K.Lumpur	6,141	3.9	3,463	4.3	2,678	3.4	6,485	4.1	3,815	4.7	2,670	3.4
Negeri Sembilan	5,687	5.9	3,327	6.8	2,360	5.0	5,805	6.0	3,402	6.9	2,403	5.0
Melaka	4,340	6.0	2,471	6.8	1,869	5.2	4,454	6.1	2,539	6.9	1,915	5.2
Johor	15,550	5.0	9,142	5.7	6,408	4.2	15,877	5.0	9,334	5.7	6,543	4.3
Pahang	7,016	4.8	4,303	5.7	2,713	3.9	7,405	5.0	4,490	5.9	2,915	4.1
Terengganu	5,650	5.4	3,221	6.1	2,429	4.7	5,942	5.6	3,472	6.4	2,470	4.7
Kelantan	9,608	6.1	5,539	7.0	4,069	5.1	10,073	6.3	5,699	7.1	4,374	5.4
Sabah	6,899	2.4	4,164	2.8	2,735	1.9	7,161	2.4	4,314	2.8	2,847	2.0
W.P.Labuan	240	2.8	153	3.4	87	2.1	244	2.8	150	3.3	94	2.2
Sarawak	10,183	4.3	5,782	4.8	4,401	3.8	10,950	4.6	6,201	5.1	4,749	4.0
<b>MALAYSIA</b>	<b>124,857</b>	<b>4.7</b>	<b>72,205</b>	<b>5.4</b>	<b>52,652</b>	<b>4.0</b>	<b>130,135</b>	<b>4.8</b>	<b>75,277</b>	<b>5.5</b>	<b>54,858</b>	<b>4.2</b>

NOTA : \* Setiap 1,000 Penduduk.

<sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya

Note : \* Per 1,000 Population.

<sup>1</sup> Includes Wilayah Persekutuan Putrajaya

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.12 : KADAR TIDAK HADIR KERJA DI INDUSTRI-INDUSTRI DISEBABKAN OLEH KESAKITAN ATAU KECEDERAAN, MALAYSIA, 2010**

Table 2.12. : *Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2010*

1. ANGGARAN TENAGA BEKERJA (DALAM RIBU) <i>Estimated Work Force (In thousands)</i>	5,519
2. JUMLAH KEHILANGAN HARI KERJA OLEH PENYAKIT/ KEMALANGAN INDUSTRI ('000) <i>Total Number of Man Days Lost Due to Illness/Industrial Accidents ('000)</i>	2,152
3. KADAR KEHILANGAN HARI KERJA BAGI TIAP-TIAP 1000 TENAGA BEKERJA <i>Rate of Man Days Lost Per 1000 Work Force</i>	390

NOTA : JUMLAH KEHILANGAN HARI KERJA DISEBABKAN OLEH PENYAKIT KHIDMAT/KEMALANGAN INDUSTRI. FAEDAH HILANGUPAYA SEMENTARA DIBAYAR BAGI SEMUA KES DI MANA CUTI SAKIT MELEBIHI 4 HARI.

Note : *Total Number of man days lost due to Occupational Diseases/Employment Injury. Temporary Disablement benefit is paid where medical leave exceeds 4 days.*

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, 2010:  
PENYAKIT BAWAAN AIR DAN MAKANAN**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010 :  
Food and Water Borne Diseases

NEGERI State	KOLERA <i>Cholera</i>		DISENTERI <i>Dysentery</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	0	0	0
Kedah	2	0.10	5	0.26
Pulau Pinang	0	0	8	0.51
Perak	1	0.04	22	0.94
Selangor	1	0.02	7	0.13
W.P. Kuala Lumpur <sup>1</sup>	0	0	26	1.49
Negeri Sembilan	2	0.20	0	0
Melaka	0	0	0	0
Johor	0	0	10	0.30
Pahang	0	0	0	0
Terengganu	0	0	2	0.19
Kelantan	6	0.39	3	0.19
Sabah <sup>2</sup>	431	13.09	9	0.27
Sarawak	0	0	12	0.49
<b>MALAYSIA</b>	<b>443</b>	<b>1.56</b>	<b>104</b>	<b>0.37</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT BAWAAN AIR DAN MAKANAN (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
Food and Water Borne Diseases (Cont'd)

NEGERI State	KERACUNAN MAKANAN <i>Food Poisoning</i>		TIFOID <i>Typhoid</i>		HEPATITIS A	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	31	13.39	2	0.86	0	0
Kedah	636	32.65	2	0.10	1	0.05
Pulau Pinang	409	26.19	2	0.13	0	0
Perak	1,412	60.02	5	0.21	5	0.21
Selangor	1,502	27.50	31	0.57	8	0.15
W.P. Kuala Lumpur <sup>1</sup>	226	12.94	12	0.69	1	0.06
Negeri Sembilan	188	18.41	2	0.20	2	0.20
Melaka	527	64.18	0	0	0	0
Johor	973	29.06	13	0.39	5	0.15
Pahang	710	47.31	3	0.20	0	0
Terengganu	1,114	107.53	4	0.39	0	0
Kelantan	2,193	142.44	46	2.99	3	0.19
Sabah <sup>2</sup>	1,299	39.44	82	2.49	14	0.43
Sarawak	1,299	52.57	6	0.24	0	0
<b>MALAYSIA</b>	<b>12,519</b>	<b>44.18</b>	<b>210</b>	<b>0.74</b>	<b>39</b>	<b>0.14</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT BAWAAN VEKTOR**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
Vector Borne Diseases

NEGERI State	DEMAM DENGGI <i>Dengue Fever</i>		DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	215	92.86	0	0
Kedah	779	40.00	3	0.15
Pulau Pinang	1,813	116.12	21	1.34
Perak	2,256	95.89	32	1.36
Selangor	14,412	263.85	1,955	35.79
W.P. Kuala Lumpur <sup>1</sup>	3,908	223.69	297	17.00
Negeri Sembilan	1,373	134.47	128	12.54
Melaka	1,177	143.34	308	37.51
Johor	3,776	112.77	630	18.82
Pahang	1,572	104.74	116	7.73
Terengganu	1,389	134.08	83	8.01
Kelantan	3,299	214.28	279	18.12
Sabah <sup>2</sup>	2,093	63.55	17	0.52
Sarawak	4,078	165.03	162	6.56
<b>MALAYSIA</b>	<b>42,140</b>	<b>148.73</b>	<b>4,031</b>	<b>14.23</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT BAWAAN VEKTOR (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
Vector Borne Diseases (Cont'd)

NEGERI State	MALARIA Malaria		TIFUS Typhus	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	1	0.43	0	0
Kedah	122	6.26	0	0
Pulau Pinang	111	7.11	1	0.06
Perak	81	3.44	0	0
Selangor	196	3.59	2	0.04
W.P. Kuala Lumpur <sup>1</sup>	58	3.32	0	0
Negeri Sembilan	84	8.23	1	0.10
Melaka	13	1.58	0	0
Johor	145	4.33	0	0
Pahang	196	13.06	0	0
Terengganu	21	2.03	2	0.19
Kelantan	176	11.43	0	0
Sabah <sup>2</sup>	2,644	80.28	0	0
Sarawak	2,802	113.39	0	0
<b>MALAYSIA</b>	<b>6,650</b>	<b>23.47</b>	<b>6</b>	<b>0.02</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
- Tiada kejadian kes dilaporkan bagi Penyakit  
Plague dan Demam Kuning pada tahun 2010

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
- No incidence of cases were reported for  
Plague and Yellow Fever in 2010

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT CEGAHAN VAKSIN**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
Vaccine Preventable Diseases

NEGERI State	DIPHTHERIA		CAMPAK <i>Measles</i>		TETANUS (LAIN-LAIN) <i>Tetanus (Others)</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	0	5	2.16	0	0
Kedah	0	0	22	1.13	0	0
Pulau Pinang	0	0	1	0.06	1	0.06
Perak	0	0	3	0.13	0	0
Selangor	0	0	23	0.42	0	0
W.P. Kuala Lumpur <sup>1</sup>	1	0.06	5	0.29	0	0
Negeri Sembilan	1	0.10	0	0	1	0.10
Melaka	0	0	0	0	0	0
Johor	0	0	2	0.06	0	0
Pahang	0	0	1	0.07	0	0
Terengganu	0	0	6	0.58	0	0
Kelantan	0	0	1	0.06	1	0.06
Sabah <sup>2</sup>	1	0.03	2	0.06	10	0.30
Sarawak	0	0	2	0.08	2	0.08
<b>MALAYSIA</b>	<b>3</b>	<b>0.01</b>	<b>73</b>	<b>0.26</b>	<b>15</b>	<b>0.05</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT CEGAHAN VAKSIN (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
Vaccine Preventable Diseases (Cont'd)

NEGERI State	TETANUS NEONATORUM <i>Neonatal Tetanus</i>		HEPATITIS B		BATUK KOKOL <i>Whooping Cough</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN** <i>Incidence Rate**</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	0	3	1.30	0	0
Kedah	0	0	18	0.92	5	0.26
Pulau Pinang	0	0	45	2.88	1	0.06
Perak	0	0	18	0.77	2	0.09
Selangor	0	0	79	1.45	9	0.16
W.P. Kuala Lumpur <sup>1</sup>	0	0	59	3.38	1	0.06
Negeri Sembilan	0	0	11	1.08	0	0
Melaka	0	0	3	0.37	1	0.12
Johor	0	0	62	1.85	1	0.03
Pahang	0	0	113	7.53	0	0
Terengganu	0	0	24	2.32	7	0.68
Kelantan	0	0	20	1.30	3	0.19
Sabah <sup>2</sup>	10	0.18	133	4.04	3	0.09
Sarawak	0	0	52	2.10	1	0.04
<b>MALAYSIA</b>	<b>10</b>	<b>0.02</b>	<b>640</b>	<b>2.26</b>	<b>34</b>	<b>0.12</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
 \*\* Kadar Kejadian bagi setiap 1000 Kelahiran Hidup  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
 - Tiada kejadian kes dilaporkan bagi Penyakit Akut Poliomyelitis pada tahun 2010

Note: \* Incidence Rate per 100 000 population  
 \*\* Incidence Rate per 1000 Live births  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
 - No incidence of cases were reported for Acute Poliomyelitis in 2010



**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT TRANSMISI SECARA SEKSUAL**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
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	1.73	0	0
Kedah	104	5.34	50	2.57
Pulau Pinang	5	0.32	37	2.37
Perak	24	1.02	19	0.81
Selangor	107	1.96	94	1.72
W.P. Kuala Lumpur <sup>1</sup>	79	4.52	88	5.04
Negeri Sembilan	8	0.78	24	2.35
Melaka	29	3.53	22	2.68
Johor	196	5.85	86	2.57
Pahang	64	4.26	75	5.00
Terengganu	21	2.03	7	0.68
Kelantan	17	1.10	13	0.84
Sabah <sup>2</sup>	102	3.10	98	2.98
Sarawak	421	17.04	234	9.47
<b>MALAYSIA</b>	<b>1,181</b>	<b>4.17</b>	<b>847</b>	<b>2.99</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
- Tiada kejadian kes dilaporkan bagi Penyakit Chancroid pada tahun 2010

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
- No incidence of cases were reported for Chancroid in 2010

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
LAIN-LAIN PENYAKIT BERJANGKIT**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
Other Infectious Diseases

NEGERI State	HIV		AIDS		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	19	8.21	17	7.34	0	0
Kedah	161	8.27	27	1.39	36	1.85
Pulau Pinang	132	8.45	56	3.59	24	1.54
Perak	240	10.20	38	1.62	58	2.47
Selangor	536	9.81	76	1.39	61	1.12
W.P. Kuala Lumpur <sup>1</sup>	298	17.06	79	4.52	26	1.49
Negeri Sembilan	85	8.32	39	3.82	39	3.82
Melaka	123	14.98	27	3.29	6	0.73
Johor	524	15.65	220	6.57	88	2.63
Pahang	383	25.52	143	9.53	327	21.79
Terengganu	352	33.98	73	7.05	12	1.16
Kelantan	462	30.01	88	5.72	18	1.17
Sabah <sup>2</sup>	196	5.95	40	1.21	9	0.27
Sarawak	141	5.71	112	4.53	20	0.81
<b>MALAYSIA</b>	<b>3,652</b>	<b>12.89</b>	<b>1,035</b>	<b>3.65</b>	<b>724</b>	<b>2.56</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
Other Infectious Diseases (Cont'd)

NEGERI State	PENYAKIT TANGAN, KAKI DAN MULUT <i>Hand, Foot and Mouth Diseases (HFMD)</i>		KUSTA <i>Leprosy</i>		OTHER SPECIFIED VIRAL HEPATITIS	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	90	38.87	0	0	0	0
Kedah	897	46.06	6	0.31	1	0.05
Pulau Pinang	1,493	95.62	6	0.38	0	0
Perak	664	28.22	9	0.38	0	0
Selangor	1,853	33.92	17	0.31	1	0.02
W.P. Kuala Lumpur <sup>1</sup>	999	57.18	11	0.63	0	0
Negeri Sembilan	330	32.32	3	0.29	0	0
Melaka	245	29.84	1	0.12	0	0
Johor	985	29.42	6	0.18	2	0.06
Pahang	234	15.59	7	0.47	0	0
Terengganu	149	14.38	4	0.39	0	0
Kelantan	167	10.85	12	0.78	2	0.13
Sabah <sup>2</sup>	196	5.95	89	2.70	6	0.18
Sarawak	5,092	206.06	23	0.93	0	0
<b>MALAYSIA</b>	<b>13,394</b>	<b>47.27</b>	<b>194</b>	<b>0.68</b>	<b>12</b>	<b>0.04</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2010:  
Other Infectious Diseases (Cont'd)

NEGERI State	TIBI <i>Tuberculosis</i>		VIRAL ENSEFALITIS <i>Viral Encephalitis</i>		H1N1	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
	Perlis	121	52.26	0	0	21
Kedah	1,000	51.34	3	0.15	148	7.60
Pulau Pinang	1,062	68.02	6	0.38	319	20.43
Perak	1,389	59.04	3	0.13	300	12.75
Selangor	2,829	51.79	22	0.40	1,072	19.63
W.P. Kuala Lumpur <sup>1</sup>	1,455	83.28	2	0.11	121	6.93
Negeri Sembilan	426	41.72	1	0.10	2	0.20
Melaka	395	48.11	1	0.12	236	28.74
Johor	2,058	61.46	0	0	422	12.60
Pahang	806	53.70	1	0.07	217	14.46
Terengganu	664	64.09	2	0.19	478	46.14
Kelantan	1,333	86.58	1	0.06	154	10.00
Sabah <sup>2</sup>	3,808	115.62	6	0.18	88	2.67
Sarawak	1,991	80.57	10	0.40	136	5.50
<b>MALAYSIA</b>	<b>19,337</b>	<b>68.25</b>	<b>58</b>	<b>0.20</b>	<b>3,714</b>	<b>13.11</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
 - Tiada kejadian kes dilaporkan bagi Penyakit  
 Ebola, Rabies dan Relapsing Fever pada tahun 2010

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
 - No incidence of cases were reported for  
 Ebola, Rabies and Relapsing Fever in 2010

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE CIRCULATORY SYSTEM"**

Table 3.2. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Circulatory System

<i>Detailed Cause Groups ( Diseases of the Circulatory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b> Acute rheumatic fever Chronic rheumatic heart diseases	<b>I00-I09</b> I00-I02 I05-I09	<b>2,119</b> 291 1,828	<b>7.48</b> 1.03 6.45
<b>HYPERTENSIVE DISEASE</b> Essential (primary) hypertension Hypertensive heart disease Hypertensive renal disease Hypertensive heart and renal disease Secondary hypertension	<b>I10-I15</b> I10 I11 I12 I13 I15	<b>26,998</b> 23,584 1,560 1,431 191 232	<b>95.29</b> 83.24 5.51 5.05 0.67 0.82
<b>ISCHAEMIC HEART DISEASE</b> Angina pectoris Acute myocardial infarction Remainder of ischaemic heart disease	<b>I20-I25</b> I20 I21 Remainder of I20-I25	<b>52,145</b> 27,484 14,385 10,276	<b>184.04</b> 97.00 50.77 36.27
<b>DISEASES OF PULMONARY CIRCULATION &amp; OTHER FORMS OF HEART DISEASES</b> Pulmonary embolism Acute pericarditis Acute and subacute endocarditis Acute myocarditis Cardiac arrest Conduction disorders and cardiac arrhythmias Heart Failure Remainder of diseases of pulmonary circulation and other forms of heart diseases	<b>I26-I52</b> I26 I30 I33 I40 I46 I44-I45, I47-I49 I50 Remainder of I26-I52	<b>28,782</b> 447 40 462 65 602 7,804 15,745 <b>3,617</b>	<b>101.58</b> 1.58 0.14 1.63 0.23 2.12 27.54 55.57 <b>12.77</b>

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE CIRCULATORY SYSTEM" (SAMBUNGAN)**

Table 3.2. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Circulatory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Circulatory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>CEREBRO-VASCULAR DISEASE</b>	<b>I60-I69</b>	<b>25,326</b>	<b>89.38</b>
Subarachnoid haemorrhage	I60	587	2.07
Intracerebral haemorrhage	I61	2,417	8.53
Cerebral infarction	I63	1,914	6.76
Stroke, not specified as haemorrhage or infarction	I64	17,009	60.03
Remainder of cerebro-vascular disease	Remainder of I60-I69	3,399	12.00
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>	<b>11,063</b>	<b>39.04</b>
Atherosclerosis	I70	83	0.29
Aortic aneurysm and dissection	I71	749	2.64
Other aneurysm	I72	496	1.75
Arterial embolism and thrombosis	I74	135	0.48
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	843	2.98
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	853	3.01
Varicose veins of lower extremities	I83	507	1.79
Haemorrhoids	I84	2,906	10.26
Oesophageal varices	I85	827	2.92
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	3,664	12.93
<b>JUMLAH / Total</b>		<b>146,433</b>	<b>516.81</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, 2010:  
"DISEASES OF NEOPLASMS"**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Neoplasms

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	<b>C00-C14</b> C00-C14	<b>4,166</b> 4,166	<b>14.70</b> 14.70
<b>MALIGNANT NEOPLASM 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>14,982</b> 640 1,450 4,680 4,510 2,265 835 602	<b>52.88</b> 2.26 5.12 16.52 15.92 7.99 2.95 2.12
<b>MALIGNANT NEOPLASM 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>6,550</b> 617 5,588 345	<b>23.12</b> 2.18 19.72 1.22
<b>MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST</b> Malignant of neoplasm of bone and articular cartilage Melanoma and other malignant neoplasm of skin Malignant neoplasm of mesothelial and soft tissue Malignant neoplasm of breast Remainder of malignant neoplasm of bone, connective tissue, skin and breast	<b>C40-C50</b> C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	<b>9,460</b> 709 385 791 7,575 0	<b>33.39</b> 2.50 1.36 2.79 26.73 0

**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Neoplasms (Cont'd)

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT</b>	<b>C51-C68</b>	<b>10,705</b>	<b>37.78</b>
Malignant neoplasm of cervix uteri	C53	2,864	10.11
Malignant neoplasm of other and unspecified part of uterus	C54-C55	1,220	4.31
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	3,453	12.19
Malignant neoplasm of prostate	C61	878	3.10
Malignant neoplasm of bladder	C67	1,216	4.29
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	1,074	3.79
<b>MALIGNANT NEOPLASM OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>	<b>C69-C72</b>	<b>1,523</b>	<b>5.38</b>
Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72	1,523	5.38
<b>MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS</b>	<b>C73-C75</b>	<b>1,528</b>	<b>5.39</b>
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	1,528	5.39
<b>MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b>	<b>C76-C80</b>	<b>3,070</b>	<b>10.83</b>
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	3,070	10.83
<b>MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b>	<b>C81-C96</b>	<b>10,105</b>	<b>35.66</b>
Hodgkin's disease	C81	602	2.12
Non-Hodgkin's disease	C82-C85	3,358	11.85
Leukaemia	C91-C95	5,365	18.93
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	780	2.75



**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Neoplasms (Cont'd)

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasm of independent (primary) multiple sites	<b>C97</b> C97	<b>31</b> 31	<b>0.11</b> 0.11
<b>IN SITU NEOPLASMS</b> In situ neoplasms	<b>D00-D09</b> D00-D09	<b>605</b> 605	<b>2.14</b> 2.14
<b>BENIGN NEOPLASMS</b> Benign neoplasms of skin Benign neoplasms of breast Leiomyoma of uterus Remainder of benign neoplasms	<b>D10-D36</b> D22-D23 D24 D25 Remainder of D10-D36	<b>8,784</b> 231 979 2,476 5,098	<b>31.00</b> 0.82 3.46 8.74 17.99
<b>NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	<b>D37-D48</b> D37-D48	<b>5,075</b> 5,075	<b>17.91</b> 17.91
<b>JUMLAH / Total</b>		<b>76,584</b>	<b>270.29</b>

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

**JADUAL 3.4. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES"**

Table 3.4. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Endocrine, Nutritional and Metabolic Diseases

<i>Detailed Cause Groups ( Endocrine, Nutritional and Metabolic Diseases )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>	<b>67,585</b>	<b>238.53</b>
Iodine deficiency-related thyroid disorders	E00-E02	115	0.41
Thyrotoxicosis (hyperthyroidism)	E05	1,329	4.69
Hypoparathyroidism	E20	31	0.11
Diabetes mellitus	E10-E14	37,530	132.46
Kwashiokor	E40	14	0.05
Other malnutrition conditions	E41-E46	214	0.76
Other nutritional deficiencies	E50-E64	123	0.43
Obesity	E66	189	0.67
Remainder of obesity and other hyperalimentation	E65, E67-E68	6	0.02
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	28,034	98.94
<b>JUMLAH / Total</b>		<b>67,585</b>	<b>238.53</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, 2010:  
"DISEASES OF THE RESPIRATORY SYSTEM"**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Respiratory System

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>DISEASES OF THE UPPER RESPIRATORY TRACT</b>	<b>J00-J06</b>	<b>41,165</b>	<b>145.28</b>
Acute nasopharyngitis	J00	341	1.20
Acute sinusitis	J01	77	0.27
Acute pharyngitis	J02	7,906	27.90
Acute tonsillitis	J03	13,020	45.95
Acute laryngitis and tracheitis	J04	98	0.35
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	19,723	69.61
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J10-J22</b>	<b>87,751</b>	<b>309.70</b>
Influenza	J10-J11	6,611	23.33
Viral pneumonia, not elsewhere classified	J12	2,715	9.58
Other pneumonia	J13-J18	67,710	238.97
Acute bronchitis	J20	585	2.06
Acute bronchiolitis	J21	9,949	35.11
Unspecified acute lower respiratory infections	J22	181	0.64
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>	<b>4,675</b>	<b>16.50</b>
Chronic sinusitis	J32	428	1.51
Chronic diseases of tonsils and adenoids	J35	1,604	5.66
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	2,643	9.33

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Respiratory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>CHRONIC LOWER RESPIRATORY DISEASE</b>	<b>J40-J47</b>	<b>54,198</b>	<b>191.28</b>
Chronic bronchitis	J40	283	1.00
Emphysema	J43	110	0.39
Other chronic obstructive pulmonary disease	J44	18,712	66.04
Asthma	J45-J46	33,585	118.53
Bronchiectasis	J47	1,474	5.20
Other chronic lower respiratory tract diseases	J41-J42	34	0.12
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>	<b>2,978</b>	<b>10.51</b>
Pneumoconiosis	J60-J65	50	0.18
Other lung diseases due to external agents	J66-J70	2,928	10.33
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>	<b>4,604</b>	<b>16.25</b>
Pulmonary oedema	J81	3,945	13.92
Remainder of other respiratory diseases principally affecting thr interstitium	Remainder of J80-J84	659	2.33
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>	<b>830</b>	<b>2.93</b>
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	830	2.93

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Respiratory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>OTHER DISEASES OF PLEURA</b>	<b>J90-J94</b>	<b>3,838</b>	<b>13.55</b>
Pleural effusion, not elsewhere classified	J90	2,500	8.82
Pneumothorax	J93	1,129	3.98
Remainder of other diseases of pleura	Remainder of J90-J94	209	0.74
<b>OTHER DISEASES OF THE RESPIRATORY SYSTEM</b>	<b>J95-J99</b>	<b>3,410</b>	<b>12.03</b>
Respiratory failure, not elsewhere classified	J96	336	1.19
Remainder of other diseases of the respiratory system	Remainder of J95-J99	3,074	10.85
<b>JUMLAH / Total</b>		<b>203,449</b>	<b>718.03</b>

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

**JADUAL 3.6. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE DIGESTIVE SYSTEM"**

Table 3.6. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Digestive System

<i>Detailed Cause Groups ( Diseases of the Digestive System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<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	<b>K00-K14</b> K02 K05 K12 Remainder of K00-K14	<b>5,243</b> 1,648 251 654 2,690	<b>18.50</b> 5.82 0.89 2.31 9.49
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b> Diseases of oesophagus Gastric ulcer Doudenal ulcer Peptic ulcer, site unspecified Gastrojejunal ulcer Gastritis and duodenitis Remainder of diseases of oesophagus, stomach and duodenum	<b>K20-K31</b> K20-K22 K25 K26 K27 K28 K29 Remainder of K20-K31	<b>22,063</b> 2,878 1,704 618 2,000 43 13,560 1,260	<b>77.87</b> 10.16 6.01 2.18 7.06 0.15 47.86 4.45
<b>DISEASES OF APPENDIX</b> Acute appendicitis Other appendicitis Unspecified appendicitis Other diseases of the appendix	<b>K35-K38</b> K35 K36 K37 K38	<b>23,075</b> 20,710 181 1,717 467	<b>81.44</b> 73.09 0.64 6.06 1.65
<b>HERNIA</b> Inguinal hernia Other hernias	<b>K40-K46</b> K40 K41-K46	<b>11,696</b> 9,936 1,760	<b>41.28</b> 35.07 6.21

**JADUAL 3.6. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE DIGESTIVE SYSTEM" (SAMBUNGAN)**

Table 3.6. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Digestive System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Digestive System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	<b>K50-K67</b>	<b>17,464</b>	<b>61.64</b>
Crohn's disease and ulcerative colitis	K50-K51	313	1.10
Other noninfective gastroenteritis and colitis	K52	2,973	10.49
Paralytic ileus and intestinal obstruction without hernia	K56	3,511	12.39
Diverticular diseases of intestine	K57	943	3.33
Fissure and fistula of anal and rectal regions	K60	842	2.97
Abscess of anal and rectal regions	K61	1,705	6.02
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	4,989	17.61
Peritonitis	K65	925	3.26
Other disorders of peritoneum	K66-K67	1,263	4.46
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	<b>K70-K93</b>	<b>28,487</b>	<b>100.54</b>
Alcoholic liver disease	K70	706	2.49
Hepatic failure, not elsewhere classified	K72	1,433	5.06
Chronic hepatitis, not elsewhere classified	K73	34	0.12
Fibrosis and cirrhosis of liver	K74	2,113	7.46
Cholelithiasis	K80	5,868	20.71
Cholecystitis	K81	2,627	9.27
Acute pancreatitis	K85	2,176	7.68
Remainder of other diseases of the digestive system	Remainder of K70-K93	13,530	47.75
<b>JUMLAH / Total</b>		<b>108,028</b>	<b>381.26</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, 2010:  
"DISEASES OF THE GENITO-URINARY SYSTEM"**

Table 3.7. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Genito-Urinary System

<i>Detailed Cause Groups ( Diseases of the Genito-Urinary System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>GLOMERULAR DISEASES</b>	<b>N00-N08</b>	<b>7,540</b>	<b>26.61</b>
Acute and progressive nephritic syndrome	N00-N01	1,933	6.82
Chronic nephritic syndrome	N03	1,173	4.14
Nephritic syndrome	N04	3,612	12.75
Remainder of glomerular diseases	Remainder of N00-N08	822	2.90
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b>	<b>N10-N16</b>	<b>5,070</b>	<b>17.89</b>
Renal tubulo-interstitial diseases	N10-N16	5,070	17.89
<b>RENAL FAILURE</b>	<b>N17-N19</b>	<b>30,395</b>	<b>107.27</b>
Acute renal failure	N17	3,270	11.54
Chronic renal failure	N18	25,481	89.93
Unspecified renal failure	N19	1,644	5.80
<b>OTHER DISEASES OF THE URINARY SYSTEM</b>	<b>N20-N39</b>	<b>31,996</b>	<b>112.92</b>
Calculus of kidney, ureter and lower urinary tract	N20-N22	7,847	27.69
Unspecified renal colic	N23	2,582	9.11
Other disorders of kidney and ureter	N25-N29	2,717	9.59
Cystitis	N30	625	2.21
Urethritis and urethral syndrome	N34	181	0.64
Urethral stricture	N35	912	3.22
Remainder of other diseases of the urinary system	Remainder of N20-N39	17,132	60.46

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, 2010:  
"DISEASES OF THE GENITO-URINARY SYSTEM" (SAMBUNGAN)**

Table 3.7. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Genito-Urinary System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Genito-Urinary System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ</b> <b>(SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>DISEASES OF MALE GENITAL ORGANS</b>	<b>N40-N51</b>	<b>7,797</b>	<b>27.52</b>
Hyperplasia of prostate	N40	2,801	9.89
Hydrocele and spermatocele	N43	964	3.40
Orchitis and epididymitis	N45	1,414	4.99
Male infertility	N46	19	0.07
Redundant prepuce, phimosis and paraphimosis	N47	773	2.73
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	1,826	6.44
<b>DISORDERS OF BREAST</b>	<b>N60-N64</b>	<b>3,350</b>	<b>11.82</b>
Disorders of breast	N60-N64	3,350	11.82
<b>DISORDERS OF FEMALE GENITAL ORGANS</b>	<b>N70-N99</b>	<b>18,696</b>	<b>65.98</b>
Salpingitis and oophoritis	N70	459	1.62
Inflammatory disease of uterus, except cervix	N71	555	1.96
Inflammatory disease of cervix uteri	N72	55	0.19
Other inflammatory diseases of female pelvic organs	N73-N77	2,302	8.12
Endometriosis	N80	1,586	5.60
Female genital prolapse	N81	836	2.95
Erosion and ectropian of cervix uteri	N86	100	0.35
Disorders of menstruation	N91-N92	4,778	16.86
Menopausal and other perimenopausal disorders	N95	616	2.17
Female infertility	N97	647	2.28
Remainder of disorders of female genital organs	Remainder of N70-N99	6,762	23.87
<b>JUMLAH / Total</b>		<b>104,844</b>	<b>370.03</b>

**JADUAL 3.8. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD"**

Table 3.8. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Certain Conditions Originating in the Perinatal Period

<i>Detailed Cause Groups ( Diseases of Certain Conditions Originating in the Perinatal Period )</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)</b>
<b>FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY</b> Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	<b>P00-P04</b>	<b>3,952</b>	<b>13.95</b>
	P00-P04	3,952	13.95
<b>DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH</b> Slow fetal growth and fetal malnutrition Disorders related to short gestation and low birth weight, not elsewhere classified Disorders related to long gestation and high birth weight	<b>P05-P08</b>	<b>13,423</b>	<b>47.37</b>
	P05-P08	1,867	6.59
	P07	10,691	37.73
	P08	865	3.05
<b>BIRTH TRAUMA</b> Birth trauma	<b>P10-P15</b>	<b>1,655</b>	<b>5.84</b>
	P10-P15	1,655	5.84
<b>RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD</b> Intrauterine hypoxia and birth asphyxia Respiratory distress of newborn Neonatal aspiration syndrome Remainder of respiratory and cardiovascular disorders specific to the perinatal period	<b>P20-P29</b>	<b>22,336</b>	<b>78.83</b>
	P20-P21	4,046	14.28
	P22	8,103	28.60
	P24	3,747	13.22
	Remainder of P20-P29	6,440	22.73
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	<b>P35-P39</b>	<b>16,225</b>	<b>57.26</b>
	P35-P39	16,225	57.26

**JADUAL 3.8. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD" (SAMBUNGAN)**

Table 3.8. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Certain Conditions Originating in the Perinatal Period (Cont'd)

<i>Detailed Cause Groups ( Diseases of Certain Conditions Originating in the Perinatal Period )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN</b>	<b>P50-P61</b>	<b>87,244</b>	<b>308.21</b>
Haemolytic disease of fetus and newborn	P55	1,047	3.70
Neonatal jaundice	P58-P59	85,198	300.69
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	999	3.53
<b>OTHER DISORDERS OF FETUS AND NEWBORN</b>	<b>P70-P96</b>	<b>11,628</b>	<b>41.04</b>
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	8,623	30.43
Digestive system disorders of fetus and newborn	P75-P78	688	2.43
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	904	3.19
Convulsion of newborn	P90	225	0.79
Feeding problems of newborn	P92	710	2.51
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	478	1.69
<b>JUMLAH / Total</b>		<b>156,463</b>	<b>552.21</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, 2010:  
"DISEASES EXTERNAL CAUSES"**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>TRANSPORT ACCIDENTS</b>	<b>V01-V99</b>	<b>82,604</b>	<b>291.54</b>
Pedestrian injured in transport accident	V01-V09	1,346	4.75
Pedal cyclist injured in transport accident	V10-V19	1,438	5.08
Motorcycle Pedestrian injured in transport accident	V20-V29	21,196	74.81
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	60	0.21
Car occupant injured in transport accident	V40-V49	2,614	9.23
Occupant of pick-up truck or van injured in transport accident	V50-V59	302	1.07
Occupant of heavy transport vehicle injured in transport accident	V60-V69	339	1.20
Bus occupant injured in transport accident	V70-V79	91	0.32
Other land transport accidents	V80-V89	55,094	194.44
Water transport accidents	V90-V94	33	0.12
Air and space transport accidents	V95-V97	17	0.06
Other and unspecified transport accidents	V98-V99	74	0.26
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>	<b>W00-X59</b>	<b>86,691</b>	<b>305.96</b>
Falls	W00-W19	33,215	117.23
Exposure to inanimate mechanical factors	W20-W49	13,977	49.33
Exposure to animate mechanical factors	W50-W64	2,104	7.43
Accidental drowning and submersion	W65-W74	311	1.10
Other accidental threats to breathing	W75-W84	281	0.99
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	558	1.97
Exposure to smoke, fire and flames	X00-X09	1,824	6.44
Contact with heat and hot substances	X10-X19	1,673	5.90
Contact with venomous animals and plants	X20-X29	7,364	25.99
Exposure to forces of nature	X30-X39	123	0.43
Accidental poisoning by and exposure to noxious substances	X40-X49	5,515	19.46
Overexertion, travel and privation	X50-X57	85	0.30
Accidental exposure to other and unspecified factors	X58-X59	19,661	69.39

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES EXTERNAL CAUSES" (SAMBUNGAN)**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	<b>X60-X84</b> X60-X84	<b>2,469</b> 2,469	<b>8.71</b> 8.71
<b>ASSAULT</b> Assault	<b>X85-Y09</b> X85-Y09	<b>6,357</b> 6,357	<b>22.44</b> 22.44
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	<b>Y10-Y34</b> Y10-Y34	<b>4,500</b> 4,500	<b>15.88</b> 15.88
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	<b>Y35-Y36</b> Y35-Y36	<b>21</b> 21	<b>0.07</b> 0.07
<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	<b>Y40-Y84</b> Y40-Y59  Y60-Y69 Y70-Y82  Y83-Y84	<b>7,522</b> 1,645  595 420  4,862	<b>26.55</b> 5.81  2.10 1.48  17.16

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES EXTERNAL CAUSE" (SAMBUNGAN)**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> Sequelae of External Causes of Morbidity and Mortality	<b>Y85-Y89</b> Y85-Y89	<b>531</b> 531	<b>1.87</b> 1.87
<b>SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE</b> Supplementary Factors Related to Causes of Morbidity and Mortality Classified	<b>Y90-Y98</b> Y90-Y98	<b>50</b> 50	<b>0.18</b> 0.18
<b>JUMLAH / Total</b>		<b>190,745</b>	<b>673.20</b>

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

**JADUAL 3.10. : KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2006 - 2010**

Table 3.10. : Incidence Rate of Motor Vehicle Accidents, Malaysia, 2006 - 2010

PERKARA <i>Subject</i>	2006	2007	2008	2009	2010
1. BILANGAN KECEDEeraan YANG DISEBABKAN OLEH KEMALANGAN KENDERAAN BERMOTOR <i>Number of Casualties Due to Motor Vehicle Accidents*</i>	35,425	33,999	32,274	31,417	28,269
2. BILANGAN KEMALANGAN KENDERAAN BERMOTOR <i>Number of Motor Vehicle Accidents*</i>	341,252	363,319	373,071	397,330	414,421
3. ANGGARAN PENDUDUK ('000)** <i>Estimated Population ('000)</i>	26,640.1	27,173.6	27,728.7	28,306.70	28,334.10
4. KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR BAGI TIAP-TIAP 10 000 PENDUDUK <i>Incidence Rate of Motor Vehicle Accidents per 10 000 population</i>	128.10	133.70	134.5	140.37	146.26

Punca Data/Data Source :

\* Polis Diraja Malaysia/ Royal Malaysia Police

\*\* Jabatan Perangkaan Malaysia / Department of Statistics Malaysia

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 3.11. : KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2010.**

Table 3.11. : Incidence Rate of Industrial Accidents, Malaysia, 2010.

1. BILANGAN KECEDERAAN YANG DISEBABKAN OLEH KEMALANGAN INDUSTRI <i>Number of Casualties Due to Industrial Accidents</i>	57,639
2. ANGGARAN TENAGA BEKERJA ('000) <i>Estimated Workforce ('000)</i>	5,519
3. KADAR KEJADIAN KEMALANGAN PERUSAHAAN BAGI TIAP-TIAP 100 000 TENAGA BEKERJA <i>Incidence Rate of Industrial Accidents per 100 000 Workforce</i>	1,044

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



**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT BAWAAN AIR DAN MAKANAN**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2010:  
Food and Water Borne Diseases

NEGERI State	KOLERA Cholera	
	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
Negeri Sembilan	0	0
Melaka	0	0
Johor	0	0
Pahang	0	0
Terengganu	0	0
Kelantan	0	0
Sabah <sup>2</sup>	6	0.18
Sarawak	0	0
<b>MALAYSIA</b>	<b>6</b>	<b>0.02</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
 - Tiada kes kematian dilaporkan bagi Penyakit Keracunan Makanan, Tifoid, Disenteri dan Hepatitis A pada tahun 2010

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
 - No cases of deaths were reported for Food Poisoning, Typhoid, Dysentery and Hepatitis A in 2010

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT BAWAAN VEKTOR**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2010:  
Vector Borne Diseases

NEGERI State	DEMAM DENGGI Dengue Fever		DEMAM DENGGI BERDARAH Dengue Haemorrhagic Fever		MALARIA Malaria	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0	0	0	1	0.43
Kedah	0	0	3	0.15	4	0.21
Pulau Pinang	1	0.06	6	0.38	5	0.32
Perak	1	0.04	5	0.21	2	0.09
Selangor	2	0.04	43	0.79	4	0.07
W.P. Kuala Lumpur <sup>1</sup>	0	0	6	0.34	0	0
Negeri Sembilan	1	0.10	6	0.59	0	0
Melaka	1	0.12	11	1.34	1	0.12
Johor	4	0.12	8	0.24	3	0.09
Pahang	0	0	5	0.33	0	0
Terengganu	1	0.10	2	0.19	0	0
Kelantan	0	0	11	0.71	1	0.06
Sabah <sup>2</sup>	0	0	3	0.09	7	0.21
Sarawak	5	0.20	9	0.36	5	0.20
<b>MALAYSIA</b>	<b>16</b>	<b>0.06</b>	<b>118</b>	<b>0.42</b>	<b>33</b>	<b>0.12</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
 - Tiada kes kematian dilaporkan bagi Penyakit  
 Tifus, Plague dan Demam Kuning pada tahun 2010

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
 - No cases of deaths were reported for  
 Typhus, Plague and Yellow Fever in 2010

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT CEGAHAN VAKSIN**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2010:  
Vaccine Preventable Diseases

NEGERI State	DIPHTHERIA		TETANUS (Lain-lain) <i>Tetanus (Others)</i>		HEPATITIS B	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	0	0	0	0	0	0
Kedah	0	0	0	0	1	0.05
Pulau Pinang	0	0	0	0	0	0
Perak	0	0	0	0	0	0
Selangor	0	0	0	0	6	0.11
W.P. Kuala Lumpur <sup>1</sup>	1	0.06	0	0	1	0.06
Negeri Sembilan	1	0.10	0	0	1	0.10
Melaka	0	0	0	0	0	0
Johor	0	0	0	0	0	0
Pahang	0	0	0	0	6	0.40
Terengganu	0	0	0	0	0	0
Kelantan	0	0	0	0	0	0
Sabah <sup>2</sup>	1	0.03	3	0.09	7	0.21
Sarawak	0	0	0	0	0	0
<b>MALAYSIA</b>	<b>3</b>	<b>0.01</b>	<b>3</b>	<b>0.01</b>	<b>22</b>	<b>0.08</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk

<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

- Tiada kes kematian dilaporkan bagi Penyakit Akut Poliomyelitis,  
Campak, Neonatal Tetanus dan Batuk Kokol pada tahun 2010

Note: \* Mortality Rate per 100 000 population

<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

- No cases of deaths were reported for Acute Poliomyelitis,  
Measles, Tetanus Neonatorum and Whooping Cough in 2010

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
PENYAKIT TRANSMISI SECARA SEKSUAL**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2010:  
Sexually Transmitted Diseases

NEGERI State	SIFILIS Syphilis	
	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
Negeri Sembilan	0	0
Melaka	0	0
Johor	1	0.03
Pahang	0	0
Terengganu	0	0
Kelantan	0	0
Sabah <sup>2</sup>	0	0
Sarawak	0	0
<b>MALAYSIA</b>	<b>1</b>	<b>0.00</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
- Tiada kes kematian dilaporkan bagi Penyakit  
Chancroid dan Gonorrhoea pada tahun 2010

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
- No cases of deaths were reported for  
Chancroid and Gonorrhoea in 2010

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
LAIN-LAIN PENYAKIT BERJANGKIT**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2010:  
Other Infectious Diseases

NEGERI State	HIV		AIDS	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0	11	4.75
Kedah	33	1.69	22	1.13
Pulau Pinang	5	0.32	16	1.02
Perak	8	0.34	65	2.76
Selangor	43	0.79	101	1.85
W.P. Kuala Lumpur <sup>1</sup>	4	0.23	53	3.03
Negeri Sembilan	11	1.08	22	2.15
Melaka	15	1.83	14	1.71
Johor	39	1.16	55	1.64
Pahang	19	1.27	77	5.13
Terengganu	27	2.61	44	4.25
Kelantan	111	7.21	45	2.92
Sabah <sup>2</sup>	8	0.24	17	0.52
Sarawak	0	0	39	1.58
<b>MALAYSIA</b>	<b>323</b>	<b>1.14</b>	<b>581</b>	<b>2.05</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMBUNGAN)**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2010:  
Other Infectious Diseases (Cont'd)

NEGERI State	HEPATITIS C		KUSTA Leprosy	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0	0	0
Kedah	0	0	1	0.05
Pulau Pinang	3	0.19	0	0
Perak	1	0.04	4	0.17
Selangor	14	0.26	1	0.02
W.P. Kuala Lumpur <sup>1</sup>	0	0	0	0
Negeri Sembilan	2	0.20	0	0
Melaka	0	0	0	0
Johor	1	0.03	0	0
Pahang	8	0.53	0	0
Terengganu	0	0	0	0
Kelantan	0	0	0	0
Sabah <sup>2</sup>	0	0	0	0
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>29</b>	<b>0.10</b>	<b>6</b>	<b>0.02</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2010: LAIN-LAIN PENYAKIT BERJANGKIT (SAMBUNGAN)**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2010: Other Infectious Diseases (Cont'd)

NEGERI State	TIBI <i>Tuberculosis</i>		VIRAL ENSEFALITIS <i>Viral Encephalitis</i>		H1N1	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	18	7.77	0	0	0	0
Kedah	101	5.19	0	0	2	0.10
Pulau Pinang	148	9.48	0	0	3	0.19
Perak	151	6.42	0	0	3	0.13
Selangor	111	2.03	2	0.04	5	0.09
W.P. Kuala Lumpur <sup>1</sup>	33	1.89	0	0	0	0
Negeri Sembilan	35	3.43	0	0	0	0
Melaka	32	3.90	0	0	0	0
Johor	134	4.00	0	0	3	0.09
Pahang	107	7.13	0	0	0	0.0
Terengganu	108	10.42	0	0	3	0.29
Kelantan	232	15.07	0	0	1	0.06
Sabah <sup>2</sup>	236	7.17	0	0	0	0
Sarawak	111	4.49	1	0.04	0	0
<b>MALAYSIA</b>	<b>1,557</b>	<b>5.50</b>	<b>3</b>	<b>0.01</b>	<b>20</b>	<b>0.07</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
- Tiada kes kematian dilaporkan bagi Penyakit Ebola, HFMD, "Other Specified Viral Hepatitis", Rabies dan Demam Berulang pada tahun 2010

Note: \* Mortality Rate per 100 000 population  
- No cases of deaths were reported for Ebola, HFMD, Other Specified Viral Hepatitis, Rabies and Relapsing Fever in 2010

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

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE CIRCULATORY SYSTEM"**

Table 3.13. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Circulatory System

<i>Detailed Cause Groups ( Diseases of the Circulatory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b> Acute rheumatic fever Chronic rheumatic heart diseases	<b>I00-I09</b> I00-I02 I05-I09	<b>74</b> 4 70	<b>0.26</b> 0.01 0.25
<b>HYPERTENSIVE DISEASE</b> Essential (primary) hypertension Hypertensive heart disease Hypertensive renal disease Hypertensive heart and renal disease Secondary hypertension	<b>I10-I15</b> I10 I11 I12 I13 I15	<b>219</b> 96 26 67 30 0	<b>0.77</b> 0.34 0.09 0.24 0.11 0
<b>ISCHAEMIC HEART DISEASE</b> Angina pectoris Acute myocardial infarction Remainder of ischaemic heart disease	<b>I20-I25</b> I20 I21 Remainder of I20-I25	<b>4,750</b> 2,082 1,950 718	<b>16.76</b> 7.35 6.88 2.53
<b>DISEASES OF PULMONARY CIRCULATION &amp; OTHER FORMS OF HEART DISEASES</b> Pulmonary embolism Acute pericarditis Acute and subacute endocarditis Acute myocarditis Cardiac arrest Conduction disorders and cardiac arrhythmias Heart Failure Remainder of diseases of pulmonary circulation and other forms of heart diseases	<b>I26-I52</b> I26 I30 I33 I40 I46 I44-I45, I47-I49 I50 Remainder of I26-I52	<b>2,521</b> 243 1 56 13 547 309 1,001 351	<b>8.90</b> 0.86 0.00 0.20 0.05 1.93 1.09 3.53 1.24



**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE CIRCULATORY SYSTEM" (SAMBUNGAN)**

Table 3.13. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Circulatory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Circulatory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>CEREBRO-VASCULAR DISEASE</b>	<b>I60-I69</b>	<b>4,070</b>	<b>14.36</b>
Subarachnoid haemorrhage	I60	138	0.49
Intracerebral haemorrhage	I61	747	2.64
Cerebral infarction	I63	329	1.16
Stroke, not specified as haemorrhage or infarction	I64	2,020	7.13
Remainder of cerebro-vascular disease	Remainder of I60-I69	836	2.95
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>	<b>323</b>	<b>1.14</b>
Atherosclerosis	I70	4	0.01
Aortic aneurysm and dissection	I71	131	0.46
Other aneurysm	I72	30	0.11
Arterial embolism and thrombosis	I74	18	0.06
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	16	0.06
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	11	0.04
Varicose veins of lower extremities	I83	1	0.00
Haemorrhoids	I84	7	0.02
Oesophageal varices	I85	55	0.19
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	50	0.18
<b>JUMLAH / Total</b>		<b>11,957</b>	<b>42.20</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, 2010:  
"DISEASES OF NEOPLASMS"**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Neoplasms

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	<b>C00-C14</b> C00-C14	<b>270</b> 270	<b>0.95</b> 0.95
<b>MALIGNANT NEOPLASM 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>1,335</b> 90 160 247 228 412 132 66	<b>4.71</b> 0.32 0.56 0.87 0.80 1.45 0.47 0.23
<b>MALIGNANT NEOPLASM 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>995</b> 41 935 19	<b>3.51</b> 0.14 3.30 0.07
<b>MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST</b> Malignant of neoplasm of bone and articular cartilage Melanoma and other malignant neoplasm of skin Malignant neoplasm of mesothelial and soft tissue Malignant neoplasm of breast Remainder of malignant neoplasm of bone, connective tissue, skin and breast	<b>C40-C50</b> C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	<b>616</b> 45 17 50 504 0	<b>2.17</b> 0.16 0.06 0.18 1.78 0

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Neoplasm (Cont'd)

<i>Detailed Cause Groups ( Diseases of Neoplasms)</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT</b>	<b>C51-C68</b>	<b>571</b>	<b>2.02</b>
Malignant neoplasm of cervix uteri	C53	142	0.50
Malignant neoplasm of other and unspecified part of uterus	C54-C55	45	0.16
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	147	0.52
Malignant neoplasm of prostate	C61	67	0.24
Malignant neoplasm of bladder	C67	72	0.25
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	98	0.35
<b>MALIGNANT NEOPLASM OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>	<b>C69-C72</b>	<b>126</b>	<b>0.44</b>
Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72	126	0.44
<b>MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS</b>	<b>C73-C75</b>	<b>80</b>	<b>0.28</b>
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	80	0.28
<b>MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b>	<b>C76-C80</b>	<b>694</b>	<b>2.45</b>
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	694	2.45
<b>MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b>	<b>C81-C96</b>	<b>659</b>	<b>2.33</b>
Hodgkin's disease	C81	23	0.08
Non-Hodgkin's disease	C82-C85	240	0.85
Leukaemia	C91-C95	333	1.18
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	63	0.22

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Neoplasm (Cont'd)

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasm of independent (primary) multiple sites	<b>C97</b> C97	<b>3</b> 3	<b>0.01</b> 0.01
<b>IN SITU NEOPLASMS</b> In situ neoplasms	<b>D00-D09</b> D00-D09	<b>38</b> 38	<b>0.13</b> 0.13
<b>BENIGN NEOPLASMS</b> Benign neoplasms of skin Benign neoplasms of breast Leiomyoma of uterus Remainder of benign neoplasms	<b>D10-D36</b> D22-D23 D24 D25 Remainder of D10-D36	<b>33</b> 0 1 1 31	<b>0.12</b> 0 0.00 0.00 0.11
<b>NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	<b>D37-D48</b> D37-D48	<b>165</b> 165	<b>0.58</b> 0.58
<b>JUMLAH / Total</b>		<b>5,585</b>	<b>19.71</b>

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

**JADUAL 3.15. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES"**

Table 3.15. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Endocrine, Nutritional and Metabolic Diseases

<i>Detailed Cause Groups ( Endocrine, Nutritional and Metabolic Diseases )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>	<b>810</b>	<b>2.86</b>
Iodine deficiency-related thyroid disorders	E00-E02	0	0.00
Thyrotoxicosis (hyperthyroidism)	E05	18	0.06
Hypoparathyroidism	E20	0	0
Diabetes mellitus	E10-E14	384	1.36
Kwashiokor	E40	1	0.00
Other malnutrition conditions	E41-E46	7	0.02
Other nutritional deficiencies	E50-E64	2	0.01
Obesity	E66	0	0
Remainder of obesity and other hyperalimentation	E65, E67-E68	0	0
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	398	1.40
<b>JUMLAH / Total</b>		<b>810</b>	<b>2.86</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, 2010:  
"DISEASES OF THE RESPIRATORY SYSTEM"**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Respiratory System

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>DISEASES OF THE UPPER RESPIRATORY TRACT</b>	<b>J00-J06</b>	<b>13</b>	<b>0.05</b>
Acute nasopharyngitis	J00	1	0.00
Acute sinusitis	J01	0	0
Acute pharyngitis	J02	1	0.00
Acute tonsillitis	J03	0	0
Acute laryngitis and tracheitis	J04	1	0.00
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	10	0.04
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J10-J22</b>	<b>5,491</b>	<b>19.38</b>
Influenza	J10-J11	42	0.15
Viral pneumonia, not elsewhere classified	J12	50	0.18
Other pneumonia	J13-J18	5,382	18.99
Acute bronchitis	J20	1	0.00
Acute bronchiolitis	J21	9	0.03
Unspecified acute lower respiratory infections	J22	7	0.02
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>	<b>12</b>	<b>0.04</b>
Chronic sinusitis	J32	1	0.00
Chronic diseases of tonsils and adenoids	J35	0	0
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	11	0.04

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Respiratory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>CHRONIC LOWER RESPIRATORY DISEASE</b>	<b>J40-J47</b>	<b>968</b>	<b>3.42</b>
Chronic bronchitis	J40	5	0.02
Emphysema	J43	6	0.02
Other chronic obstructive pulmonary disease	J44	759	2.68
Asthma	J45-J46	143	0.50
Bronchiectasis	J47	55	0.19
Other chronic lower respiratory tract diseases	J41-J42	0	0
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>	<b>1,078</b>	<b>3.80</b>
Pneumoconiosis	J60-J65	7	0.02
Other lung diseases due to external agents	J66-J70	1,071	3.78
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>	<b>588</b>	<b>2.08</b>
Pulmonary oedema	J81	475	1.68
Remainder of other respiratory diseases principally affecting thr interstitium	Remainder of J80-J84	113	0.40
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>	<b>31</b>	<b>0.11</b>
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	31	0.11

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Respiratory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>OTHER DISEASES OF PLEURA</b>	<b>J90-J94</b>	<b>127</b>	<b>0.45</b>
Pleural effusion, not elsewhere classified	J90	88	0.31
Pneumothorax	J93	27	0.10
Remainder of other diseases of pleura	Remainder of J90-J94	12	0.04
<b>OTHER DISEASES OF THE RESPIRATORY SYSTEM</b>	<b>J95-J99</b>	<b>426</b>	<b>1.50</b>
Respiratory failure, not elsewhere classified	J96	207	0.73
Remainder of other diseases of the respiratory system	Remainder of J95-J99	219	0.77
<b>JUMLAH / Total</b>		<b>8,734</b>	<b>30.83</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, 2010:  
"DISEASES OF THE DIGESTIVE SYSTEM"**

Table 3.17. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Digestive System

<i>Detailed Cause Groups ( Diseases of the Digestive System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS</b>	<b>K00-K14</b>	<b>3</b>	<b>0.01</b>
Dental caries	K02	0	0
Gingivitis and periodontal diseases	K05	0	0
Stomatitis and related lesions	K12	1	0.00
Remainder of diseases of Oral Cavity, Salivary Glands and Jaws	Remainder of K00-K14	2	0.01
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b>	<b>K20-K31</b>	<b>172</b>	<b>0.61</b>
Diseases of oesophagus	K20-K22	11	0.04
Gastric ulcer	K25	74	0.26
Doudenal ulcer	K26	36	0.13
Peptic ulcer, site unspecified	K27	27	0.10
Gastrojejunal ulcer	K28	3	0.01
Gastritis and duodenitis	K29	17	0.06
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	4	0.01
<b>DISEASES OF APPENDIX</b>	<b>K35-K38</b>	<b>15</b>	<b>0.05</b>
Acute appendicitis	K35	15	0.05
Other appendicitis	K36	0	0
Unspecified appendicitis	K37	0	0
Other diseases of the appendix	K38	0	0
<b>HERNIA</b>	<b>K40-K46</b>	<b>19</b>	<b>0.07</b>
Inguinal hernia	K40	4	0.01
Other hernias	K41-K46	15	0.05

**JADUAL 3.17. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF THE DIGESTIVE SYSTEM" (SAMBUNGAN)**

Table 3.17. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Digestive System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Digestive System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	<b>K50-K67</b>	<b>274</b>	<b>0.97</b>
Crohn's disease and ulcerative colitis	K50-K51	1	0.00
Other noninfective gastroenteritis and colitis	K52	8	0.03
Paralytic ileus and intestinal obstruction without hernia	K56	68	0.24
Diverticular diseases of intestine	K57	16	0.06
Fissure and fistula of anal and rectal regions	K60	0	0
Abscess of anal and rectal regions	K61	6	0.02
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	71	0.25
Peritonitis	K65	97	0.34
Other disorders of peritoneum	K66-K67	7	0.02
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	<b>K70-K93</b>	<b>1,761</b>	<b>6.22</b>
Alcoholic liver disease	K70	69	0.24
Hepatic failure, not elsewhere classified	K72	361	1.27
Chronic hepatitis, not elsewhere classified	K73	1	0.00
Fibrosis and cirrhosis of liver	K74	232	0.82
Cholelithiasis	K80	19	0.07
Cholecystitis	K81	16	0.06
Acute pancreatitis	K85	88	0.31
Remainder of other diseases of the digestive system	Remainder of K70-K93	975	3.44
<b>JUMLAH / Total</b>		<b>2,244</b>	<b>7.92</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, 2010:  
"DISEASES OF THE GENITO-URINARY SYSTEM"**

Table 3.18. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Genito-Urinary System

<i>Detailed Cause Groups ( Diseases of the Genito-Urinary System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>GLOMERULAR DISEASES</b> Acute and progressive nephritic syndrome Chronic nephritic syndrome Nephritic syndrome Remainder of glomerular diseases	<b>N00-N08</b> N00-N01 N03 N04 Remainder of N00-N08	<b>47</b> 8 19 18 2	<b>0.17</b> 0.03 0.07 0.06 0.01
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b> Renal tubulo-interstitial diseases	<b>N10-N16</b> N10-N16	<b>31</b> 31	<b>0.11</b> 0.11
<b>RENAL FAILURE</b> Acute renal failure Chronic renal failure Unspecified renal failure	<b>N17-N19</b> N17 N18 N19	<b>1,612</b> 432 1,038 142	<b>5.69</b> 1.52 3.66 0.50
<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	<b>N20-N39</b> N20-N22 N23 N25-N29 N30 N34 N35 Remainder of N20-N39	<b>467</b> 14 0 83 2 0 0 368	<b>1.65</b> 0.05 0 0.29 0.01 0 0 1.30

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, 2010:  
"DISEASES OF THE GENITO-URINARY SYSTEM" (SAMBUNGAN)**

Table 3.18. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of the Genito-Urinary System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Genito-Urinary System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>DISEASES OF MALE GENITAL ORGANS</b>	<b>N40-N51</b>	<b>28</b>	<b>0</b>
Hyperplasia of prostate	N40	5	0
Hydrocele and spermatocele	N43	2	0
Orchitis and epididymitis	N45	1	0
Male infertility	N46	0	0
Redundant prepuce, phimosis and paraphimosis	N47	0	0
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	20	0
<b>DISORDERS OF BREAST</b>	<b>N60-N64</b>	<b>4</b>	<b>0</b>
Disorders of breast	N60-N64	4	0
<b>DISORDERS OF FEMALE GENITAL ORGANS</b>	<b>N70-N99</b>	<b>20</b>	<b>0</b>
Salpingitis and oophoritis	N70	1	0
Inflammatory disease of uterus, except cervix	N71	1	0
Inflammatory disease of cervix uteri	N72	0	0
Other inflammatory diseases of female pelvic organs	N73-N77	1	0
Endometriosis	N80	2	0
Female genital prolapse	N81	0	0
Erosion and ectropian of cervix uteri	N86	1	0
Disorders of menstruation	N91-N92	3	0
Menopausal and other perimenopausal disorders	N95	0	0
Female infertility	N97	0	0
Remainder of disorders of female genital organs	Remainder of N70-N99	11	0
<b>JUMLAH / Total</b>		<b>2,209</b>	<b>8</b>

**JADUAL 3.19. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD"**

Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Certain Conditions Originating in the Perinatal Period

<i>Detailed Cause Groups (Diseases of Certain Conditions Originating in the Perinatal Period)</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <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	<b>P00-P04</b>	<b>31</b>	<b>0.11</b>
	P00-P04	31	0.11
<b>DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH</b> Slow fetal growth and fetal malnutrition Disorders related to short gestation and low birth weight, not elsewhere classified Disorders related to long gestation and high birth weight	<b>P05-P08</b>	<b>733</b>	<b>2.59</b>
	P05-P08	3	0.01
	P07	730	2.58
	P08	0	0.00
<b>BIRTH TRAUMA</b> Birth trauma	<b>P10-P15</b>	<b>25</b>	<b>0.09</b>
	P10-P15	25	0.09
<b>RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD</b> Intrauterine hypoxia and birth asphyxia Respiratory distress of newborn Neonatal aspiration syndrome Remainder of respiratory and cardiovascular disorders specific to the perinatal period	<b>P20-P29</b>	<b>491</b>	<b>1.73</b>
	P20-P21	125	0.44
	P22	68	0.24
	P24	100	0.35
	Remainder of P20-P29	198	0.70
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	<b>P35-P39</b>	<b>344</b>	<b>1.21</b>
	P35-P39	344	1.21

**JADUAL 3.19. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD" (SAMBUNGAN)**

Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of Certain Conditions Originating in the Perinatal Period (Cont'd)

<i>Detailed Cause Groups (Diseases of Certain Conditions Originating in the Perinatal Period)</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN</b>	<b>P50-P61</b>	<b>75</b>	<b>0.26</b>
Haemolytic disease of fetus and newborn	P55	1	0.00
Neonatal jaundice	P58-P59	10	0.04
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	64	0.23
<b>OTHER DISORDERS OF FETUS AND NEWBORN</b>	<b>P70-P96</b>	<b>114</b>	<b>0.40</b>
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	14	0.05
Digestive system disorders of fetus and newborn	P75-P78	36	0.13
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	25	0.09
Convulsion of newborn	P90	0	0
Feeding problems of newborn	P92	0	0
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	39	0.14
<b>JUMLAH / Total</b>		<b>1,813</b>	<b>6.40</b>

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

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF EXTERNAL CAUSES"**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of External Causes

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>TRANSPORT ACCIDENTS</b>	<b>V01-V99</b>	<b>1,507</b>	<b>5.32</b>
Pedestrian injured in transport accident	V01-V09	21	0.07
Pedal cyclist injured in transport accident	V10-V19	13	0.05
Motorcycle Rider injured in transport accident	V20-V29	306	1.08
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	0	0
Car occupant injured in transport accident	V40-V49	46	0.16
Occupant of pick-up truck or van injured in transport accident	V50-V59	4	0.01
Occupant of heavy transport vehicle injured in transport accident	V60-V69	8	0.03
Bus occupant injured in transport accident	V70-V79	0	0
Other land transport accidents	V80-V89	1,107	3.91
Water transport accidents	V90-V94	0	0
Air and space transport accidents	V95-V97	1	0.00
Other and unspecified transport accidents	V98-V99	1	0.00
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>	<b>W00-X59</b>	<b>717</b>	<b>2.53</b>
Falls	W00-W19	252	0.89
Exposure to inanimate mechanical factors	W20-W49	35	0.12
Exposure to animate mechanical factors	W50-W64	2	0.01
Accidental drowning and submersion	W65-W74	4	0.01
Other accidental threats to breathing	W75-W84	6	0.02
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	6	0.02
Exposure to smoke, fire and flames	X00-X09	40	0.14
Contact with heat and hot substances	X10-X19	3	0.01
Contact with venomous animals and plants	X20-X29	8	0.03
Exposure to forces of nature	X30-X39	0	0
Accidental poisoning by and exposure to noxious substances	X40-X49	78	0.28
Overexertion, travel and privation	X50-X57	0	0
Accidental exposure to other and unspecified factors	X58-X59	283	1.00

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF EXTERNAL CAUSES" (SAMBUNGAN)**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	<b>X60-X84</b> X60-X84	<b>93</b> 93	<b>0.32</b> 0.32
<b>ASSAULT</b> Assault	<b>X85-Y09</b> X85-Y09	<b>51</b> 51	<b>0.18</b> 0.18
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	<b>Y10-Y34</b> Y10-Y34	<b>77</b> 77	<b>0.27</b> 0.27
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	<b>Y35-Y36</b> Y35-Y36	<b>1</b> 1	<b>0.00</b> 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	<b>Y40-Y84</b> Y40-Y59	<b>58</b> 6	<b>0.20</b> 0.02
	Y60-Y69	7	0.02
	Y70-Y82	2	0.01
	Y83-Y84	43	0.15



**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010:  
"DISEASES OF EXTERNAL CAUSES" (SAMBUNGAN)**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2010: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> Sequelae of External Causes of Morbidity and Mortality	<b>Y85-Y89</b> Y85-Y89	<b>4</b> 4	<b>0.01</b> 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 Elsewhere	<b>Y90-Y98</b> Y90-Y98	<b>2</b> 2	<b>0.01</b> 0.01
<b>JUMLAH / Total</b>		<b>2,510</b>	<b>8.81</b>

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

**JADUAL 3.21. : BILANGAN DAN PERATUS MURID SEKOLAH RENDAH DAN MENENGAH YANG "ORALLY FIT", 2010**

Table 3.21. : Number and Percentage of Orally Fit Primary and Secondary School Children, 2010

NEGERI State	MURID SEKOLAH RENDAH <i>Primary School Children</i>		MURID SEK.REN. YANG TIDAK PERLU RAWATAN PERGIAGIAN <i>Primary School Children Who Do Not Require Dental Treatment</i>		MURID SEKOLAH MENENGAH <i>Secondary School Children</i>		MURID SEK.MEN. YANG TIDAK PERLU RAWATAN PERGIAGIAN <i>Secondary School Children Who Do Not Require Dental Treatment</i>	
	ENROLMEN <i>Enrolment</i>	KEDATANGAN BARU <i>New Attendances</i>	BILANGAN <i>Number</i>	%	ENROLMEN <i>Enrolment</i>	KEDATANGAN BARU <i>New Attendances</i>	BILANGAN <i>Number</i>	%
Perlis	25,719	25,561	17,325	67.78	23,899	23,744	17,758	74.79
Kedah	218,580	215,019	149,446	69.50	159,641	150,832	124,407	82.48
Pulau Pinang	145,494	143,400	83,419	58.17	109,624	102,584	85,568	83.41
Perak	242,885	241,944	171,903	71.05	213,610	211,693	165,450	78.16
Selangor	520,458	516,106	389,182	75.41	359,616	298,046	248,592	83.41
W.P. Kuala Lumpur	138,319	138,021	91,572	66.35	108,536	107,735	94,976	88.16
W.P. Putrajaya	7,507	7,479	5,075	67.86	5,833	5,664	4,817	85.05
W.P. Labuan	7,759	7,711	5,360	69.51	5,855	5,815	4,315	74.20
Negeri Sembilan	110,289	108,472	70,207	64.72	94,856	92,692	73,801	79.62
Melaka	85,987	85,183	52,264	61.35	72,163	70,852	52,530	74.14
Johor	356,576	354,114	294,566	83.18	272,102	263,379	220,068	83.56
Pahang	154,895	153,646	100,747	65.57	125,040	123,263	90,939	73.78
Terengganu	134,849	133,691	84,724	63.37	112,582	104,277	72,161	69.20
Kelantan	204,259	199,527	44,651	22.38	177,877	115,654	65,552	56.68
Sabah	268,910	252,935	137,585	54.40	192,452	85,210	42,592	49.98
Sarawak	266,664	248,204	129,972	52.36	209,459	44,151	27,974	63.36
<b>MALAYSIA</b>	<b>2,889,150</b>	<b>2,831,013</b>	<b>1,827,998</b>	<b>64.57</b>	<b>2,243,145</b>	<b>1,805,591</b>	<b>1,391,500</b>	<b>77.07</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, 2010**

Table 3.22. : Dental Caries Status: Number of School Children 12 Years Old With M + X = 0 by States, Malaysia, 2010

NEGERI State	KEDATANGAN BARU 12 TAHUN 12 Years Old New Attendances	MURID 12 TAHUN DENGAN M + X = 0 Children 12 Years Old With M + X = 0	
		BILANGAN / Number	%
Perlis	4,398	4,266	97.00
Kedah	38,009	36,967	97.26
Pulau Pinang	23,223	22,589	97.27
Perak	42,358	41,649	98.33
Selangor	83,400	81,846	98.14
W.P. Kuala Lumpur	23,074	22,841	98.99
W.P. Putrajaya	1,063	1,054	99.15
W.P. Labuan	1,218	1,191	97.78
Negeri Sembilan	18,449	18,045	97.81
Melaka	14,237	13,949	97.98
Johor	57,905	56,433	97.46
Pahang	25,850	24,822	96.02
Terengganu	23,086	21,587	93.51
Kelantan	35,058	32,258	92.01
Sabah	41,887	36,662	87.53
Sarawak	41,236	39,148	94.94
<b>MALAYSIA</b>	<b>474,451</b>	<b>455,307</b>	<b>95.97</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 2010**

Table 3.23. : *Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX = 0), by State, Malaysia 2010*

NEGERI State	12 TAHUN BEBAS KARIES DMFX = 0 12 Years Old With DMFX = 0			16 TAHUN BEBAS KARIES DMFX = 0 16 Years Old With DMFX = 0		
	KEDATANGAN BARU New Attendances	BILANGAN Number	%	KEDATANGAN BARU New Attendances	BILANGAN Number	%
Perlis	4,398	3,099	70.46	4,731	2,342	49.50
Kedah	38,009	26,371	69.38	28,587	16,672	58.32
Pulau Pinang	23,223	15,507	66.77	19,532	10,354	53.01
Perak	42,358	29,460	69.55	40,977	21,231	51.81
Selangor	83,400	65,991	79.13	54,465	36,231	66.52
W.P. Kuala Lumpur	23,074	18,467	80.03	20,971	14,072	67.10
W.P. Putrajaya	1,063	850	79.96	1,034	668	64.60
W.P. Labuan	1,218	662	54.35	1,071	374	34.92
Negeri Sembilan	18,449	13,801	74.81	18,027	10,793	59.87
Melaka	14,237	9,456	66.42	13,594	6,974	51.30
Johor	57,905	43,135	74.49	49,290	29,257	59.36
Pahang	25,850	15,769	61.00	23,267	10,013	43.04
Terengganu	23,086	11,006	47.67	20,133	7,789	38.69
Kelantan	35,058	10,373	29.59	22,225	6434	28.95
Sabah	41,887	12,530	29.91	15,829	2,790	17.63
Sarawak	41,236	21,900	53.11	8,862	3,422	38.61
<b>MALAYSIA</b>	<b>474,451</b>	<b>298,377</b>	<b>62.89</b>	<b>342,595</b>	<b>179,416</b>	<b>52.37</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. : BILANGAN KEMUDAHAN KESIHATAN AWAM DAN NISBAH KEMUDAHAN KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA, PADA 31HB. DISEMBER, 2010**

Table 4.1. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia, on 31st December, 2010

NEGERI State	BILANGAN KLINIK KESIHATAN Number of Health Clinic			JUMLAH KLINIK KESIHATAN Total Health Clinics	NISBAH KLINIK KESIHATAN: PENDUDUK Health Clinic: Population Ratio
	KLINIK KESIHATAN Health Clinics	KLINIK DESA Community Clinics	KLINIK KESIHATAN IBU DAN ANAK Maternal and Child Health Clinics		
Perlis	9	30	0	39	1: 5,937
Kedah	51	224	6	281	1: 6,931
Pulau Pinang	27	62	6	95	1: 16,436
Perak	73	247	10	330	1: 7,130
Selangor	55	130	6	191	1: 28,598
W.P. Kuala Lumpur	13	0	17	30	1: 55,821
W.P. Putrajaya	2	0	0	2	1: 36,207
Negeri Sembilan	41	103	1	145	1: 7,042
Melaka	26	61	1	88	1: 9,331
Johor	88	267	3	358	1: 9,353
Pahang	64	250	6	320	1: 4,690
Terengganu	39	133	1	173	1: 5,988
Kelantan	53	199	3	255	1: 6,038
Sabah	77	190	22	289	1: 11,096
W.P. Labuan	1	10	0	11	1: 7,901
Sarawak	194	10	22	226	1: 10,934
<b>MALAYSIA</b>	<b>813</b>	<b>1,916</b>	<b>104</b>	<b>2,833</b>	<b>1: 10,001</b>

**JADUAL 4.1. : BILANGAN KEMUDAHAN KESIHATAN AWAM DAN NISBAH KEMUDAHAN KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA, PADA 31HB. DISEMBER, 2010 (SAMBUNGAN)**

Table 4.1. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia, on 31st December, 2010 (Cont'd)

NEGERI State	KLINIK KESIHATAN Health Clinics (1 Malaysia)	KLINIK DAN PASUKAN BERGERAK Mobile Clinics and Team	KLINIK DAN PASUKAN BERGERAK Mobile Clinics and Team (1 Malaysia)	FLYING DOCTOR STATIONS
Perlis	1	0	0	0
Kedah	2	0	0	0
Pulau Pinang	5	0	0	0
Perak	4	5	1	0
Selangor	6	7	2	0
W.P. Kuala Lumpur	5	0	0	0
W.P. Putrajaya	0	0	0	0
Negeri Sembilan	3	2	0	0
Melaka	3	0	0	0
Johor	6	26	0	0
Pahang	3	24	0	0
Terengganu	3	0	0	0
Kelantan	4	3	0	0
Sabah	4	10	0	0
W.P. Labuan	0	0	0	3
Sarawak	4	88	0	10
<b>MALAYSIA</b>	<b>53</b>	<b>165</b>	<b>3</b>	<b>13</b>

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



**JADUAL 4.1. : BILANGAN KEMUDAHAN KESIHATAN AWAM DAN NISBAH KEMUDAHAN KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA, PADA 31HB. DISEMBER, 2010 (SAMBUNGAN)**

Table 4.1. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia, on 31st December, 2010 (Cont'd)

NEGERI State	KLINIK PERGIGIAN STANDALONE Standalone Dental Clinics	KLINIK PERGIGIAN DI DALAM FASILITI LAIN Dental Clinics in Other Facilities	JUMLAH KLINIK PERGIGIAN <sup>1</sup> Number of Dental Clinics	NISBAH KLINIK PERGIGIAN: PENDUDUK <sup>2</sup> Dental Clinic: Population Ratio	KLINIK PERGIGIAN BERGERAK Mobile Dental Clinics	NISBAH KLINIK PERGIGIAN BERGERAK: PENDUDUK <sup>2</sup> Mobile Dental Clinic: Population Ratio	PASUKAN PERGIGIAN BERGERAK Mobile Dental Teams	PASUKAN PERGIGIAN BERGERAK PRA SEKOLAH Pre School Mobile Dental Teams
Perlis	0	42	42	1:5,513	1	1: 231,541	4	4
Kedah	6	122	128	1:15,216	3	1: 649,217	32	12
Pulau Pinang	1	100	101	1:15,459	2	1: 780,692	29	14
Perak	2	164	166	1:14,173	2	1: 1,176,372	51	9
Selangor	3	125	128	1:42,673	2	1: 2,731,071	47	7
W.P. Kuala Lumpur	3	85	88	1:19,030	2	1: 837,311	12	8
W.P. Putrajaya	0	3	3	1:24,138	0	1: -	2	0
Negeri Sembilan	6	94	100	1:10,211	1	1: 1,021,064	26	3
Melaka	1	64	65	1:12,632	1	1: 821,110	19	3
Johor	1	184	185	1:18,099	1	1: 3,348,283	24	8
Pahang	2	142	144	1:10,422	3	1: 500,272	15	9
Terengganu	3	81	84	1:12,333	2	1: 517,989	17	7
Kelantan	4	142	146	1:10,545	1	1: 1,539,601	32	10
Sabah	2	165	167	1:19,202	0	1: -	48	17
W.P. Labuan	0	5	5	1:17,382	0	1: -	2	1
Sarawak	0	192	192	1:12,871	4	1: 617,785	50	24
<b>MALAYSIA</b>	<b>34</b>	<b>1,710</b>	<b>1,744</b>	<b>1:16,247</b>	<b>25</b>	<b>1: 1,133,365</b>	<b>410</b>	<b>136</b>

<sup>1</sup> Jumlah Klinik Pergigian adalah merujuk kepada bilangan Klinik Pergigian standalone dan perkhidmatan pergigian di dalam fasiliti yang lain. Tidak termasuk Pasukan Pergigian Bergerak dan Pasukan Pergigian Bergerak Pra-sekolah.  
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

<sup>2</sup> Jumlah penduduk adalah merujuk kepada data muktamad Banci Penduduk 2010.  
Population based on the final Population Census 2010.

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

**JADUAL 4.2. : TABURAN HOSPITAL DAN BILANGAN KATIL MENGIKUT SEKTOR DAN NEGERI, MALAYSIA, 2010**

Table 4.2. : *Distribution of Hospital and Bed Strength by Sector and State, Malaysia, 2010*

NEGERI State	HOSPITAL KERAJAAN Government Hospitals				HOSPITAL SWASTA* Private Hospitals*		JUMLAH BESAR Grand Total		NISBAH KATIL: PENDUDUK Bed: Population Ratio
	KKM MoH		BUKAN KKM Non MoH		Bil/No	Katil/Beds	Bil/No	Katil/Beds	
	Bil/No	Katil/Beds	Bil/No	Katil/Beds					
Perlis	1	404	0	0	1	2	2	406	1:570
Kedah	9	2,263	0	0	10	524	19	2787	1:699
Pulau Pinang	6	1,930	1	747	26	2053	33	4730	1:330
Perak	15	5,670	1	147	15	906	31	6723	1:350
Selangor	11	4,688	2	1220	65	3321	78	9229	1:592
W.P. Kuala Lumpur	2	2,347	2	1408	45	3121	49	6876	1:244
W.P. Putrajaya	1	278	0	0	0	0	1	278	1:260
Negeri Sembilan	6	1,527	0	0	9	439	15	1966	1:519
Melaka	3	1,006	1	144	5	819	9	1969	1:417
Johor	12	4,917	1	24	37	1110	50	6051	1:553
Pahang	10	1,907	0	0	9	213	19	2120	1:708
Terengganu	6	1,372	0	0	3	31	9	1403	1:738
Kelantan	9	1,652	0	0	5	173	14	1825	1:844
Sabah	23	4,155	0	0	7	277	30	4432	1:724
W.P. Labuan	1	109	0	0	0	0	1	109	1:797
Sarawak	22	3,568	0	0	17	587	39	4155	1:595
<b>MALAYSIA</b>	<b>137</b>	<b>37,793</b>	<b>8</b>	<b>3,690</b>	<b>254</b>	<b>13,576</b>	<b>399</b>	<b>55,059</b>	<b>1:515</b>

\*TERMASUK HOSPITAL SWASTA, RUMAH BERSALIN SWASTA, RUMAH PERAWATAN SWASTA DAN "HOSPICE" SWASTA  
*Includes Private Hospital, Private Maternity Home, Private Nursing Home and Private Hospice*

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

**JADUAL 4.3. : LIPUTAN SEKOLAH OLEH PERKHIDMATAN KESIHATAN MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.3. : School Coverage by Health Services by State, Malaysia, 2010

NEGERI State	SEKOLAH RENDAH Primary Schools			SEKOLAH MENENGAH Secondary Schools		
	BILANGAN SEKOLAH No. of Schools	BIL SEKOLAH YANG DILIPUTI No. of Schools Covered	% DILIPUTI % Covered	BILANGAN SEKOLAH No. of Schools	BIL SEKOLAH YANG DILIPUTI No. of Schools Covered	% DILIPUTI % Covered
Perlis	77	77	100.00	27	27	100.00
Kedah	557	557	100.00	203	203	100.00
Pulau Pinang	109	109	100.00	50	50	100.00
Perak	863	863	100.00	277	276	99.64
Selangor	773	773	100.00	301	300	99.67
W.P. Kuala Lumpur	202	202	100.00	95	95	100.00
W.P. Putrajaya	11	11	100.00	9	9	100.00
Negeri Sembilan	344	310	90.12	120	120	100.00
Melaka	77	77	100.00	21	21	100.00
Johor	839	823	98.09	184	177	96.20
Pahang	527	527	100.00	168	168	100.00
Terengganu	360	360	100.00	134	134	100.00
Kelantan	377	341	90.45	222	211	95.05
Sabah	1,096	1,095	99.91	229	229	100.00
W.P. Labuan	18	18	100.00	9	9	100.00
Sarawak	1,073	1,072	99.91	174	172	98.85
<b>MALAYSIA</b>	<b>7,303</b>	<b>7,215</b>	<b>98.80</b>	<b>2,223</b>	<b>2,201</b>	<b>99.01</b>

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

**JADUAL 4.4. : 10 SEBAB UTAMA KEMASUKAN KE HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010**

Table 4.4. : 10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia 2010

<b>NO. Rank</b>	<b>SEBAB UTAMA Principal Causes</b>	<b>BILANGAN DISCAJ Number of Discharges</b>	<b>% KEPADA JUMLAH DISCAJ % To Total Discharges</b>
1	Pregnancy, childbirth and the puerperium	540,291	25.72
2	Diseases of the respiratory system	200,693	9.56
3	Injury, poisoning and certain other consequences of external causes	188,522	8.98
4	Certain infectious and parasitic diseases	174,051	8.29
5	Certain conditions originating in the perinatal period	154,328	7.35
6	Diseases of the circulatory system	144,459	6.88
7	Diseases of the digestive system	107,012	5.09
8	Diseases of the genitourinary system	103,972	4.95
9	Neoplasms	76,080	3.62
10	Factors influencing health status and contact with health services	74,250	3.54
	<b>ALL CAUSES ( Admissions)</b>	<b>2,100,375*</b>	<b>100.00</b>

NOTA: Berdasarkan: "3 Digit Code Grouping - ICD 10"

\* Tidak Termasuk Hospital Umum Sarawak

Note: Based on actual 3 Digit Code Grouping - ICD 10

\* Excluding Sarawak General Hospital

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.5. : 10 SEBAB UTAMA KEMATIAN KE HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2010**  
Table 4.5. : 10 Principal Causes of Death in Ministry of Health Hospitals, Malaysia, 2010

<b>NO.</b> <i>Rank</i>	<b>SEBAB UTAMA</b> <i>Principal Causes</i>	<b>BILANGAN KEMATIAN</b> <i>Number of Deaths</i>	<b>% KEPADA JUMLAH KEMATIAN</b> <i>% To Total Deaths</i>
1	Diseases of the circulatory system	11,812	25.35
2	Diseases of the respiratory system	8,599	18.46
3	Certain infectious and parasitic diseases	8,297	17.81
4	Neoplasms	5,532	11.87
5	Injury, poisoning and certain other consequences of external causes	2,492	5.35
6	Diseases of the digestive system	2,218	4.76
7	Diseases of the genitourinary system	2,177	4.67
8	Certain Conditions Originating in the Perinatal Period	1,801	3.87
9	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	856	1.84
10	Endocrine, nutritional and metabolic diseases	801	1.72
	<b>ALL CAUSES</b>	<b>46,594*</b>	<b>100.00</b>

NOTA: Berdasarkan: "3 Digit Code Grouping - ICD 10"

\* Tidak Termasuk Hospital Umum Sarawak

Note: Based on actual 3 Digit Code Grouping - ICD 10

\* Excluding Sarawak General Hospital

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.6. : KADAR KES KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2006 - 2010**

Table 4.6. : Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2006 - 2010

<b>PERKARA</b> <i>Subjects</i>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>
JUMLAH KEMATIAN DI HOSPITAL KKM <i>Total Number of Deaths in MoH Hospitals</i>	40,586	43,089	45,936	48,091	46,594
JUMLAH DISCAJ DI HOSPITAL KKM <i>Total Number of Discharges in MoH Hospitals</i>	1,905,819	1,970,958	2,072,449	2,139,768	2,100,375
KADAR KES KEMATIAN DI HOSPITAL KKM <i>Case Fatality Rate in MoH Hospitals %</i>	2.13	2.19	2.22	2.25	2.22

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

**JADUAL 4.7. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2010**

Table 4.7. : *Index of Health Legislation in Malaysia, Up to 2010*

<b>Bil. No.</b>	<b>NAMA AKTA Name of Act</b>
1.	AKTA JURURAWAT 1950 (DISEMAK 1969) (Akta 14) <i>Nurses Act 1950 (Revised - 1969) (Act 14)</i>
2.	AKTA PERUBATAN 1971 (Akta 50) <i>Medical Act 1971 (Act 50)</i>
3.	AKTA PERGIGIAN 1971 (Akta 51) <i>Dental Act 1971 (Act 51)</i>
4.	AKTA TISU MANUSIA 1974 (Akta 130) <i>Human Tissues Act 1974 (Act 130)</i>
5.	AKTA PERMUSNAHAN SERANGGA PEMBAWA PENYAKIT 1975 (Akta 154) <i>Destruction of Disease-Bearing Insects Act 1975 (Act 154)</i>
6.	AKTA PEMBANTU PERUBATAN (PENDAFTARAN) 1977 (Akta 180) <i>Medical Assistants (Registration) Act 1977 (Act 180)</i>
7.	AKTA FEE 1951 (Akta 209) <i>Fees Act 1951 (Act 209)</i>
8.	AKTA DADAH BERBAHAYA 1952 (DISEMAK - 1980) (Akta 234) <i>Dangerous Drugs Act 1952 (Revised - 1980) (Act 234)</i>

**JADUAL 4.7. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2010 (SAMBUNGAN)**

Table 4.7. : Index of Health Legislation in Malaysia, Up to 2010 (Cont'd)

Bil. No.	NAMA AKTA Name of Act
9.	AKTA HIDROGEN SAINAID (FUMIGASI) 1952 (DISEMAK – 1981) (Akta 260) <i>Hydrogen Cyanide (Fumigation) Act 1953 (Revised – 1981) (Act 260)</i>
10.	AKTA MAKANAN 1983 (Akta 281) <i>Food Act 1983 (Act 281)</i>
11.	AKTA UBAT (IKLAN DAN PENJUALAN) 1956 (DISEMAK 1983) (Akta 290) <i>Medicines (Advertisement And Sale) Act 1956 (Revised - 1983) (Act 290)</i>
12.	AKTA LESEN TENAGA ATOM 1984 (Akta 304) <i>Atomic Energy Licensing Act 1984 (Act 304)</i>
13.	AKTA PENCEGAHAN DAN KAWALAN PENYAKIT BERJANGKIT 1988 (Akta 342) <i>Prevention And Control of Infectious Diseases Act 1988 (Act 342)</i>
14.	AKTA RACUN 1952 (DISEMAK – 1989) (Akta 366) <i>Poisons Act 1952 (Revised - 1989) (Act 366)</i>
15.	AKTA JUALAN DADAH 1952 (DISEMAK – 1989) (Akta 368) <i>Sale of Drugs Act 1952 (Revised - 1989) (Act 368)</i>
16.	AKTA PENDAFTARAN AHLI FARMASI 1951 (DISEMAK – 1989) (Akta 371) <i>Registration of Pharmacists Act 1951 (Revised - 1989) (Act 371)</i>
17.	AKTA PEMBANTU HOSPITAL ESTET (PENDAFTARAN) 1965 (DISEMAK 1990) (Akta 435) <i>Estate Hospital Assistants (Registration) Act 1965 (Revised - 1990) (Act 435)</i>



**JADUAL 4.7. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2010 (SAMBUNGAN)**

Table 4.7. : Index of Health Legislation in Malaysia, Up to 2010 (Cont'd)

<b>Bil. No.</b>	<b>NAMA AKTA Name of Act</b>
18.	AKTA BIDAN 1966 (DISEMAK – 1990) (Akta 436) <i>Midwives Act 1966 (Revised - 1990) (Act 436)</i>
19.	AKTA OPTIK 1991 (Akta 469) <i>Optical Act 1991 (Act 469)</i>
20.	AKTA TELEPERUBATAN 1997 (Akta 564) <i>Telemedicine Act 1997 (Act 564)</i>
21.	AKTA KEMUDAHAN DAN PERKHIDMATAN JAGAAN KESIHATAN SWASTA 1998 (Akta 586) <i>Private Healthcare Facilities And Services Act 1998 (Act 586)</i>
22.	AKTA KESIHATAN MENTAL 2001 (Akta 615) <i>Mental Health Act 2001 (Act 615)</i>
23.	AKTA LEMBAGA PROMOSI KESIHATAN MALAYSIA 2006 (Akta 651) <i>Malaysian Health Promotion Board Act 2006 (Act 651)</i>
24.	AKTA MAKMAL PATOLOGI (Akta 674) <i>Pathology Laboratory Act 2007 (Act 674)</i>

PUNCA : PEJABAT PENASIHAT UNDANG-UNDANG - KEMENTERIAN KESIHATAN MALAYSIA.  
Source : *Legal Advisor Office - Ministry of Health Malaysia.*

**JADUAL 4.8. : BILANGAN DOKTOR MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.8. : Number of Doctors by State, Sector and Ratio of Doctor to Population, Malaysia, 2010

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA** Private Sector**	JUMLAH Total	NISBAH DOKTOR : PENDUDUK Doctor : Population Ratio
	KKM* MoH*	BUKAN KKM** Non MoH**	JUMLAH Total			
Perlis	251	NOT AVAILABLE	251	37	288	1: 804
Kedah	1,276		1,276	482	1,758	1: 1,108
Pulau Pinang	1,281		1,281	975	2,256	1: 692
Perak	1,898		1,898	871	2,769	1: 850
Selangor	3,190		3,190	2,738	5,928	1: 921
W.P Kuala Lumpur	2,738		2,738	1,958	4,696	1: 357
W.P Putrajaya	240		240	13	253	1: 286
W.P Labuan	27		27	16	43	1: 2,021
Negeri Sembilan	1,007		1,007	398	1,405	1: 727
Melaka	729		729	408	1,137	1: 722
Johor	1,646		1,646	1,085	2,731	1: 1,226
Pahang	1,023		1,023	350	1,373	1: 1,093
Terengganu	672		672	204	876	1: 1,183
Kelantan	858		858	222	1,080	1: 1,426
Sabah	1,339		1,339	390	1,729	1: 1,855
Sarawak	1,254		1,254	403	1,657	1: 1,491
<b>MALAYSIA</b>	<b>19,429</b>	<b>3,000</b>	<b>22,429</b>	<b>10,550</b>	<b>32,979</b>	<b>1: 859</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

\*\* DATA DARIPADA MAJLIS PERUBATAN MALAYSIA

\*\* Data from Malaysian Medical Council

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.9. : BILANGAN DOKTOR GIGI MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR GIGI KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.9. : Number of Dentists by State, Sector and Ratio of Dentist to Population, Malaysia, 2010

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	35	2	37	5	42	1: 5,513
Kedah	122	7	129	51	180	1: 10,820
Pulau Pinang	118	19	137	142	279	1: 5,596
Perak	148	22	170	120	290	1: 8,113
Selangor	174	39	213	484	697	1: 7,837
W.P Kuala Lumpur	129	222	351	388	739	1: 2,266
W.P Putrajaya	38	5	43	1	44	1,646
W.P Labuan	2	2	4	3	7	1: 12,415
Negeri Sembilan	102	18	120	52	172	1: 5,936
Melaka	73	7	80	49	129	1: 6,365
Johor	153	17	170	171	341	1: 9,819
Pahang	124	12	136	48	184	1: 8,157
Terengganu	92	4	96	39	135	1: 7,674
Kelantan	108	50	158	47	205	1: 7,510
Sabah	94	6	100	79	179	1: 17,915
Sarawak	102	9	111	76	187	1: 13,215
<b>Malaysia</b>	<b>1,614</b>	<b>441</b>	<b>2,055</b>	<b>1,755</b>	<b>3,810</b>	<b>1: 7,437</b>

NOTA/Note:

DATA DARIPADA MAJLIS PERGIGIAN MALAYSIA

Data from Malaysian Dental Council

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.10. : BILANGAN AHLI FARMASI MENGIKUT NEGERI, SEKTOR DAN NISBAH AHLI FARMASI KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.10. : Number of Pharmacists by State, Sector and Ratio of Pharmacist to Population, Malaysia, 2010

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	72	-	72	18	90	1: 2,573
Kedah	249	-	249	153	402	1: 4,845
Pulau Pinang	238	86	324	334	658	1: 2,373
Perak	415	-	415	205	620	1: 3,795
Selangor	900	62	962	939	1,901	1: 2,873
W.P Kuala Lumpur <sup>1</sup>	390	89	479	493	972	1: 1,797
W.P Putrajaya	-	-	-	-	-	-
W.P Labuan	20	-	20	8	28	1: 3,104
Negeri Sembilan	209	-	209	88	297	1: 3,438
Melaka	153	-	153	89	242	1: 3,393
Johor	401	-	401	225	626	1: 5,349
Pahang	283	-	283	64	347	1: 4,325
Terengganu	168	-	168	26	194	1: 5,340
Kelantan	199	-	199	85	284	1: 5,421
Sabah	341	-	341	206	547	1: 5,862
Sarawak	335	-	335	216	551	1: 4,485
<b>Malaysia</b>	<b>4,373</b>	<b>237</b>	<b>4,610</b>	<b>3,149</b>	<b>7,759</b>	<b>1: 3,652</b>

NOTA/Note:

DATA DARIPADA LEMBAGA FARMASI MALAYSIA

Data from Pharmacy Board Malaysia

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

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.11. : BILANGAN JURUOPTIK BERDAFTAR MENGIKUT NEGERI, DI SEKTOR SWASTA DAN NISBAH JURUOPTIK KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.11. : Number of Registered Opticians in Private Sector and Ratio of Optician to Population, Malaysia, 2010

<b>NEGERI</b> State	<b>SEKTOR SWASTA*</b> Private Sector*	<b>NISBAH JURUOPTIK: PENDUDUK</b> Optician : Population Ratio
Perlis	14	1: 16,539
Kedah	117	1: 16,647
Pulau Pinang	194	1: 8,048
Perak	270	1: 8,714
Selangor	728	1: 7,503
W.P Kuala Lumpur	523	1: 3,202
W.P Putrajaya	6	1: 12,069
W.P Labuan	2	1: 43,454
Negeri Sembilan	101	1: 10,110
Melaka	94	1: 8,735
Johor	336	1: 9,965
Pahang	105	1: 14,293
Terengganu	28	1: 36,999
Kelantan	42	1: 36,657
Sabah	135	1: 23,754
Sarawak	132	1: 18,721
<b>Malaysia</b>	<b>2,827</b>	<b>1: 10,023</b>

NOTA/Note:

\* DATA DARIPADA MAJLIS OPTIK MALAYSIA

\* Data from Malaysian Optical Council

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.12. : BILANGAN OPTOMETRIS BERDAFTAR MENGIKUT NEGERI, SEKTOR DAN NISBAH OPTOMETRIS KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.12. : Number of Registered Optometrists by State, Sector and Ratio of Optometrist to Population, Malaysia, 2010

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	2	-	2	6	8	1: 28,943
Kedah	12	-	12	36	48	1: 40,576
Pulau Pinang	13	-	13	62	75	1: 20,818
Perak	18	-	18	22	40	1: 58,819
Selangor	33	11	44	188	232	1: 23,544
W.P Kuala Lumpur	18	22	40	116	156	1: 10,735
W.P Putrajaya	7	-	7	2	9	1: 8,046
W.P Labuan	2	-	2	2	4	1: 21,727
Negeri Sembilan	8	-	8	23	31	1: 32,938
Melaka	7	-	7	22	29	1: 28,314
Johor	21	-	21	52	73	1: 45,867
Pahang	12	10	22	22	44	1: 34,109
Terengganu	11	-	11	18	29	1: 35,723
Kelantan	11	1	12	26	38	1: 40,516
Sabah	14	-	14	17	31	1: 103,443
Sarawak	12	-	12	18	30	1: 82,371
<b>Malaysia</b>	<b>201</b>	<b>44</b>	<b>245</b>	<b>632</b>	<b>877</b>	<b>1: 32,308</b>

NOTA/Note:

\* DATA DARIPADA MAJLIS OPTIK MALAYSIA

\* Data from Malaysian Optical Council

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.13. : BILANGAN JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.13. : Number of Nurses by State, Sector and Ratio of Nurse to Population, Malaysia, 2010

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA** Private Sector	JUMLAH Total	NISBAH JURUAWAT : PENDUDUK Nurse : Population Ratio
	KKM* MoH	BUKAN KKM** Non MoH	JUMLAH Total			
Perlis	716	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	716	1: 323
Kedah	3,428				3,428	1: 568
Pulau Pinang	2,461				2,461	1: 634
Perak	4,099				4,099	1: 574
Selangor	5,447				5,447	1: 1,003
W.P Kuala Lumpur <sup>1</sup>	4,153				4,153	1: 421
W.P Putrajaya	-				-	-
W.P Labuan	136				136	1: 639
Negeri Sembilan	1,781				1,781	1: 573
Melaka	1,489				1,489	1: 551
Johor	4,689				4,689	1: 714
Pahang	3,033				3,033	1: 495
Terengganu	2,195				2,195	1: 472
Kelantan	2,431				2,431	1: 633
Sabah	4,263				4,263	1: 752
Sarawak	3,118				3,118	1: 793
<b>Malaysia</b>	<b>43,439</b>	<b>4,553</b>	<b>47,992</b>	<b>21,118</b>	<b>69,110</b>	<b>1: 410</b>

NOTA/Note :

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

\*\* DATA DARIPADA LEMBAGA JURURAWAT MALAYSIA

\*\* Data from Malaysia Nursing Board

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

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.14. : BILANGAN JURURAWAT MASYARAKAT DAN BIDAN BAHAGIAN II MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.14. : Number of Community Nurses and Midwives Division II by State, Sector and Ratio to Population, Malaysia, 2010

NEGERI State	SEKTOR AWAM / Public Sector			SEKTOR SWASTA** Private Sector**	JUMLAH Total	NISBAH JURURAWAT MASYARAKAT/ BIDAN (Bhg.II) : PENDUDUK Community Nurse/ Midwives (Div II) : Population Ratio
	KEMENTERIAN KESIHATAN* Ministry of Health*		BUKAN KKM** Non MoH**			
	JURURAWAT MASYARAKAT Community Nurses	BIDAN (Bhg.II) Midwives (Div II)	JURURAWAT MASYARAKAT Community Nurses			
Perlis	269	9	NOT AVAILABLE	NOT AVAILABLE	278	1: 833
Kedah	1,408	49			1,457	1: 1,337
Pulau Pinang	887	21			908	1: 1,720
Perak	1,764	31			1,795	1: 1,311
Selangor	2,156	39			2,195	1: 2,488
W.P Kuala Lumpur <sup>1</sup>	725	2			727	1: 2,403
W.P Putrajaya	-	-			-	-
W.P Labuan	72	0			72	1: 1,207
Negeri Sembilan	704	23			727	1: 1,404
Melaka	630	8			638	1: 1,287
Johor	1,683	71			1,754	1: 1,909
Pahang	1,490	28			1,518	1: 989
Terengganu	1,058	36			1,094	1: 947
Kelantan	1,352	81			1,433	1: 1,074
Sabah	2,711	0			2,711	1: 1,183
Sarawak	2,462	8			2,470	1: 1,000
<b>Malaysia</b>	<b>19,371</b>	<b>406</b>			<b>1,145</b>	<b>167</b>

NOTA/Note :

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM \*\* DATA DARIPADA LEMBAGA JURURAWAT MALAYSIA  
\* Data from Human Resource Division, MoH \*\* Data from Malaysia Nursing Board

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

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



**JADUAL 4.15. : BILANGAN PENOLONG JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG JURURAWAT KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.15. : Number of Assistant Nurses by State, Sector and Ratio of Assistant Nurse to Population, Malaysia, 2010

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA** Private Sector**	JUMLAH Total	NISBAH PENOLONG JURURAWAT : PENDUDUK Assistant Nurse : Population Ratio
	KKM* MoH	BUKAN KKM** Non MoH	JUMLAH Total			
Perlis	19	0	19	NOT AVAILABLE	19	1: 12,186
Kedah	68	0	68		68	1: 28,642
Pulau Pinang	64	0	64		64	1: 24,397
Perak	197	0	197		197	1: 11,943
Selangor	88	0	88		88	1: 62,070
W.P Kuala Lumpur <sup>1</sup>	27	0	27		27	1: 64,705
W.P Putrajaya	-	-	-		-	-
W.P Labuan	8	0	8		8	1: 10,864
Negeri Sembilan	69	0	69		69	1: 14,798
Melaka	27	0	27		27	1: 30,411
Johor	141	0	141		141	1: 23,747
Pahang	97	0	97		97	1: 15,472
Terengganu	70	0	70		70	1: 14,800
Kelantan	143	0	143		143	1: 10,766
Sabah	545	0	545		545	1: 5,884
Sarawak	45	0	45		45	1: 54,914
<b>Malaysia</b>	<b>1,608</b>	<b>0</b>	<b>1,608</b>		<b>957</b>	<b>2,565</b>

NOTA/Note :

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\*\* DATA DARIPADA LEMBAGA JURURAWAT MALAYSIA

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

\* Data from Human Resource Division, MoH

\*\* Data from Malaysia Nursing Board

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.16. : BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.16. : Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia, 2010

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA** Private Sector	JUMLAH Total	NISBAH PENOLONG PEGAWAI PERUBATAN : PENDUDUK Assistant Medical Officer : Population Ratio
	KKM* MoH	BUKAN KKM** Non MoH	JUMLAH Total			
Perlis	142	4	146	10	156	1: 1,484
Kedah	598	8	606	44	650	1: 2,996
Pulau Pinang	492	8	500	41	541	1: 2,886
Perak	929	17	946	42	988	1: 2,381
Selangor	920	77	997	71	1,068	1: 5,114
W.P Kuala Lumpur <sup>1</sup>	827	176	1,003	110	1,113	1: 1,570
W.P Putrajaya	-	-	-	-	-	-
W.P Labuan	26	1	27	5	32	1: 2,716
Negeri Sembilan	399	10	409	35	444	1: 2,300
Melaka	280	8	288	26	314	1: 2,615
Johor	922	8	930	48	978	1: 3,424
Pahang	603	14	617	23	640	1: 2,345
Terengganu	419	10	429	47	476	1: 2,176
Kelantan	513	13	526	100	626	1: 2,459
Sabah	938	9	947	61	1,008	1: 3,181
Sarawak	1,178	7	1,185	131	1,316	1: 1,878
<b>Malaysia</b>	<b>9,186</b>	<b>370</b>	<b>9,556</b>	<b>794</b>	<b>10,350</b>	<b>1: 2,738</b>

NOTA/Note:

\* DATA DARIPADA BHG SUMBER MANUSIA, KKM \*\* DATA DARIPADA LEMBAGA PEMBANTU PERUBATAN, KKM <sup>1</sup> Termasuk W.P Putrajaya  
\* Data from Human Resource Division, MoH \*\* Data from Medical Assistant Board, MoH <sup>1</sup> Includes W.P Putrajaya

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

**JADUAL 4.17. : BILANGAN PENOLONG PEGAWAI FARMASI (KKM) MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.17. : Number of Assistant Pharmacy Officers (MoH) by State and Ratio of Assistant Pharmacy Officer to Population, Malaysia, 2010

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH PENOLONG PEGAWAI FARMASI : PENDUDUK Assistant Pharmacy Officer : Population Ratio
Perlis	42	1: 5,513
Kedah	216	1: 9,017
Pulau Pinang	159	1: 9,820
Perak	323	1: 7,284
Selangor	388	1: 14,078
W.P Kuala Lumpur <sup>1</sup>	206	1: 8,481
W.P Putrajaya	-	-
W.P Labuan	12	1: 7,242
Negeri Sembilan	138	1: 7,399
Melaka	99	1: 8,294
Johor	331	1: 10,116
Pahang	226	1: 6,641
Terengganu	169	1: 6,130
Kelantan	182	1: 8,459
Sabah	436	1: 7,355
Sarawak	391	1: 6,320
<b>Malaysia</b>	<b>3,318</b>	<b>1: 8,540</b>

NOTA/Note :

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM <sup>1</sup> Termasuk W.P Putrajaya

\* Data from Human Resource Division, MoH <sup>1</sup> Includes W.P Putrajaya

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.18. : BILANGAN JURURAWAT PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURURAWAT PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.18. : Number of Dental Nurses in Public Sector by State and Ratio of Dental Nurse to Population, Malaysia, 2010

NEGERI State	SEKTOR AWAM* Public Sector*			JUMLAH Total	NISBAH JURURAWAT PERGIGIAN : PENDUDUK Dental Nurse : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total		
Perlis	54	NOT AVAILABLE	54	54	1: 4,288
Kedah	155		155	155	1: 12,565
Pulau Pinang	169		169	169	1: 9,239
Perak	210		210	210	1: 11,204
Selangor	189		189	189	1: 28,900
W.P Kuala Lumpur <sup>1</sup>	147		147	147	1: 11,885
W.P Putrajaya	-		-	-	-
W.P Labuan	14		14	14	1: 6,208
Negeri Sembilan	121		121	121	1: 8,439
Melaka	88		88	88	1: 9,331
Johor	139		139	139	1: 24,088
Pahang	180		180	180	1: 8,338
Terengganu	132		132	132	1: 7,848
Kelantan	174		174	174	1: 8,848
Sabah	314		314	314	1: 10,213
Sarawak	400		400	400	1: 6,178
<b>Malaysia</b>	<b>2,486</b>		<b>2,486</b>	<b>2,486</b>	<b>1: 11,397</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

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

\* Data from Human Resource Division, MoH

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.19. : BILANGAN JURUTEKNOLOGI PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUTEKNIK PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.19. : Number of Dental Technologists in Public Sector by State and Ratio of Dental Technician to Population, Malaysia, 2010

NEGERI State	SEKTOR AWAM* Public Sector*			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH JURUTEKNOLOGI PERGIGIAN : PENDUDUK Dental Technologists : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total			
Perlis	17	NOT AVAILABLE	17	NOT AVAILABLE	17	1: 13,620
Kedah	60		60		60	1: 32,461
Pulau Pinang	36		36		36	1: 43,372
Perak	66		66		66	1: 35,648
Selangor	69		69		69	1: 79,161
W.P Kuala Lumpur <sup>1</sup>	43		43		43	1: 40,629
W.P Putrajaya	-		-		-	-
W.P Labuan	3		3		3	1: 28,969
Negeri Sembilan	40		40		40	1: 25,527
Melaka	29		29		29	1: 28,314
Johor	62		62		62	1: 54,005
Pahang	49		49		49	1: 30,629
Terengganu	59		59		59	1: 17,559
Kelantan	72		72		72	1: 21,383
Sabah	57		57		57	1: 56,259
Sarawak	87		87		87	1: 28,404
<b>Malaysia</b>	<b>749</b>		<b>749</b>		<b>749</b>	<b>1: 37,829</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

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

\* Data from Human Resource Division, MoH

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.20. : BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.20. : Number of Dental Surgery Assistants In Public Sector by State and Ratio of Dental Surgery Assistant to Population, Malaysia, 2010

NEGERI State	SEKTOR AWAM* Public Sector*			JUMLAH Total	NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN : PENDUDUK Dental Surgery Assistant : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total		
Perlis	78	NOT AVAILABLE	78	78	1: 2,968
Kedah	161		161	161	1: 12,097
Pulau Pinang	191		191	191	1: 8,175
Perak	251		251	251	1: 9,373
Selangor	277		277	277	1: 19,719
W.P Kuala Lumpur <sup>1</sup>	223		223	223	1: 7,834
W.P Putrajaya	-		-	-	-
W.P Labuan	9		9	9	1: 9,656
Negeri Sembilan	166		166	166	1: 6,151
Melaka	137		137	137	1: 5,994
Johor	223		223	223	1: 15,015
Pahang	232		232	232	1: 6,469
Terengganu	225		225	225	1: 4,604
Kelantan	192		192	192	1: 8,019
Sabah	284		284	284	1: 11,291
Sarawak	301		301	301	1: 8,210
<b>Malaysia</b>	<b>2,950</b>		<b>2,950</b>	<b>2,950</b>	<b>1: 9,605</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

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

\* Data from Human Resource Division, MoH

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.21. : BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN (KKM) MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.21. : *Number of Assistant Environmental Health Officers (MoH) by State and Ratio of Assistant Environmental Health Officer to Population, Malaysia, 2010*

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN : PENDUDUK Assistant Environmental Health Officer : Population Ratio
Perlis	57	1: 4,062
Kedah	243	1: 8,015
Pulau Pinang	175	1: 8,922
Perak	245	1: 9,603
Selangor	333	1: 16,403
W.P Kuala Lumpur <sup>1</sup>	118	1: 14,805
W.P Labuan	13	1: 6,685
Negeri Sembilan	141	1: 7,242
Melaka	89	1: 9,226
Johor	275	1: 12,176
Pahang	235	1: 6,386
Terengganu	206	1: 5,029
Kelantan	224	1: 6,873
Sabah	409	1: 7,840
Sarawak	446	1: 5,541
<b>Malaysia</b>	<b>3,209</b>	<b>1: 8,830</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

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

\* Data from Human Resource Division, MoH

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.22. : BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN (KKM) MENGIKUT NEGERI DAN NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.22. : Number of Medical Laboratory Technologists (MoH) by State and Ratio of Medical Laboratory Technologist to Population, Malaysia, 2010

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN : PENDUDUK Medical Laboratory Technologist : Population Ratio
Perlis	63	1: 3,675
Kedah	276	1: 7,057
Pulau Pinang	262	1: 5,959
Perak	422	1: 5,575
Selangor	545	1: 10,022
W.P Kuala Lumpur <sup>1</sup>	627	1: 2,786
W.P Labuan	20	1: 4,345
Negeri Sembilan	199	1: 5,131
Melaka	159	1: 5,164
Johor	396	1: 8,455
Pahang	275	1: 5,458
Terengganu	203	1: 5,103
Kelantan	290	1: 5,309
Sabah	591	1: 5,426
Sarawak	652	1: 3,790
<b>Malaysia</b>	<b>4,980</b>	<b>1: 5,690</b>

NOTA/Note:

\* DATA DARIPADA BAGHAIAN SUMBER MANUSIA, KKM

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

\* Data from Human Resource Division, MoH

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia



**JADUAL 4.23. : BILANGAN JURU X-RAY (KKM) MENGIKUT NEGERI DAN NISBAH JURU X-RAY KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.23. : Number of Radiographers (MoH) by State and Ratio of Radiographer to Population, Malaysia, 2010

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURU X-RAY : PENDUDUK Radiographer : Population Ratio
Perlis	26	1: 8,905
Kedah	124	1: 15,707
Pulau Pinang	151	1: 10,340
Perak	164	1: 14,346
Selangor	251	1: 21,762
W.P Kuala Lumpur <sup>1</sup>	231	1: 7,563
W.P Labuan	6	1: 14,485
Negeri Sembilan	87	1: 11,736
Melaka	52	1: 15,791
Johor	234	1: 14,309
Pahang	109	1: 13,769
Terengganu	75	1: 13,813
Kelantan	88	1: 17,495
Sabah	199	1: 16,114
Sarawak	242	1: 10,211
<b>Malaysia</b>	<b>2,039</b>	<b>1: 13,896</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

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

\* Data from Human Resource Division, MoH

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.24. : BILANGAN JURUPULIH PERUBATAN ANGGOTA (KKM) MENGIKUT NEGERI DAN NISBAH JURUPULIH PERUBATAN ANGGOTA KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.24. : Number of Physiotherapists (MoH) by State and Ratio of Physiotherapist to Population, Malaysia, 2010

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUPULIH PERUBATAN ANGGOTA : PENDUDUK Physiotherapist : Population Ratio
Perlis	11	1: 21,049
Kedah	47	1: 41,439
Pulau Pinang	53	1: 29,460
Perak	68	1: 34,599
Selangor	85	1: 64,260
W.P Kuala Lumpur <sup>1</sup>	105	1: 16,638
W.P Labuan	3	1. 28,969
Negeri Sembilan	32	1: 31,908
Melaka	18	1: 45,617
Johor	63	1: 53,147
Pahang	42	1: 35,734
Terengganu	31	1: 33,419
Kelantan	44	1: 34,991
Sabah	108	1: 29,692
Sarawak	97	1: 25,476
<b>Malaysia</b>	<b>807</b>	<b>1: 35,110</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

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

\* Data from Human Resource Division, MoH

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.25. : BILANGAN JURUPULIH CARAKERJA (KKM) MENGIKUT NEGERI DAN NISBAH JURUPULIH CARAKERJA KEPADA PENDUDUK, MALAYSIA, 2010**

Table 4.25. : *Number of Occupational Therapists (MoH) by State and Ratio of Occupational Therapist to Population, Malaysia, 2010*

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUPULIH CARAKERJA : PENDUDUK Occupational Therapist : Population Ratio
Perlis	10	1: 23,154
Kedah	35	1: 55,647
Pulau Pinang	47	1: 33,221
Perak	85	1: 27,679
Selangor	62	1: 88,099
W.P Kuala Lumpur <sup>1</sup>	59	1: 29,611
W.P Labuan	3	1: 28,969
Negeri Sembilan	29	1: 35,209
Melaka	21	1: 39,100
Johor	62	1: 54,005
Pahang	33	1: 45,479
Terengganu	26	1: 39,845
Kelantan	29	1: 53,090
Sabah	75	1: 42,757
Sarawak	73	1: 33,851
<b>Malaysia</b>	<b>649</b>	<b>1: 43,658</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

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

\* Data from Human Resource Division, MoH

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.26 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN BASIK MENGIKUT DISIPLIN DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA PADA TAHUN 2010**

Table 4.26. : Total Intake of Trainees for Basic Training Program by Diciplines in the Training Colleges of Ministry of Health Malaysia for the Year 2010

JENIS Type	BILANGAN KOLEJ LATIHAN No. of Training Colleges	PENGAMBILAN PELATIH Intake of Trainees
JURUPULIH CARA KERJA <i>Occupational Therapist</i>	2	139
JURUPULIH ANGGOTA <i>Physiotherapist</i>	2	164
JURU X-RAY <i>Radiographer</i>	2	132
JURUTEKNOLOGI MAKMAL PERUBATAN <i>Medical Laboratory Technologist</i>	2	496
PEMBANTU PERUBATAN <i>Medical Assistant</i>	5	962
JURURAWAT <i>Nurse</i>	17	3,279
JURURAWAT MASYARAKAT <i>Community Nurse</i>	12	1,425
PEMBANTU FARMASI <i>Pharmacist Assistant</i>	1	141
PEN. PEG. KESIHATAN PERSEKITARAN <i>Assistant Environmental Health Officer</i>	2	413
PEMBANTU KESIHATAN AWAM <i>Public Health Assistant</i>	3	465

**JADUAL 4.26 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN BASIK MENGIKUT DISIPLIN DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA PADA TAHUN 2010 (SAMBUNGAN)**

Table 4.26. : Total Intake of Trainees for Basic Training Program by Diciplines in the Training Colleges of Ministry of Health Malaysia for the Year 2010 (Cont'd)

JENIS <i>Type</i>	BILANGAN KOLEJ LATIHAN <i>No. of Training Colleges</i>	PENGAMBILAN PELATIH <i>Intake of Trainees</i>
JURURAWAT PERGIGIAN <i>Dental Nurse</i>	1	138
JURUTEKNIK PERGIGIAN <i>Dental Technician</i>	1	79
PEMBANTU PEMBEDAHAN PERGIGIAN <i>Dental Surgery Assistant</i>	1	310

PUNCA : KEMENTERIAN KESIHATAN  
*Ministry of Health*

- BAHAGIAN PENGURUSAN LATIHAN.
- *Training Management Division.*

**JADUAL 4.27. : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN  
KEMENTERIAN KESIHATAN MALAYSIA, 2010**

Table 4.27. : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2010

JENIS KURSUS <i>Type of Course</i>	PENGAMBILAN PELATIH MAKSIMA <i>Training Capacity</i>	JAWATAN PENGAJAR YANG ADA <i>Teaching Post Available</i>	NISBAH TENAGA PENGAJAR KEPADA PELATIH* <i>Ratio of Teaching Staff to Students*</i>
JURUPULIH CARA KERJA <i>Occupational Therapist</i>	327	21	1: 16
JURUPULIH ANGGOTA <i>Physiotherapist</i>	322	14	1: 23
JURU X-RAY <i>Radiographer</i>	319	25	1: 13
JURUTEKNOLOGI MAKMAL PERUBATAN <i>Medical Laboratory Technologist</i>	1,081	55	1: 20
PEMBANTU PERUBATAN <i>Medical Assistant</i>	2,531	82	1: 31
JURURAWAT <i>Nurse</i>	7,885	425	1: 19
JURURAWAT MASYARAKAT <i>Community Nurse</i>	3,974	186	1: 21
PEMBANTU FARMASI <i>Pharmacist Assistant</i>	473	13	1: 36

**JADUAL 4.27. : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN  
KEMENTERIAN KESIHATAN MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.27. : *Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2010 (Cont'd)*

JENIS KURSUS <i>Type of Course</i>	PENGAMBILAN PELATIH MAKSIMA <i>Training Capacity</i>	JAWATAN PENGAJAR YANG ADA <i>Teaching Post Available</i>	NISBAH TENAGA PENGAJAR KEPADA PELATIH* <i>Ratio of Teaching Staff to Students*</i>
PEN. PEG. KESIHATAN PERSEKITARAN <i>Assistant Environmental Health Officer</i>	1,014	19	1: 53
PEMBANTU KESIHATAN AWAM <i>Public Health Assistant</i>	907	23	1: 39
JURURAWAT PERGIGIAN <i>Dental Nurse</i>	298	2	1: 25
JURUTEKNIK PERGIGIAN <i>Dental Technician</i>	144	} 7	1: 99
PEMBANTU PEMBEDAHAN PERGIGIAN <i>Dental Surgery Assistant</i>	547		

\* BERASASKAN KEPADA BILANGAN TENAGA PENGAJAR DAN MAKSIMA PELATIH.  
*Based on Number of Teaching Posts and Training Capacity of Students.*

PUNCA : KEMENTERIAN KESIHATAN – BAHAGIAN PENGURUSAN LATIHAN.  
*Ministry of Health – Training Management Division.*

**JADUAL 4.28. : PERUNTUKAN BELANJA MENGURUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM, MALAYSIA, 2010**

Table 4.28. : Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2010

<b>KOD PROGRAM</b> <i>Program Code</i>	<b>TAJUK</b> <i>Title</i>	<b>PERUNTUKAN</b> <i>Allocation (RM)</i>	<b>PERBELANJAAN</b> <i>Expenditure (RM)</i>	<b>PERATUSAN PERBELANJAAN</b> <i>Expenditure Percentage</i>
0010000	Pengurusan / <i>Management</i>	1,057,328,045	1,104,798,609.69	104.49
0020000	Kesihatan Awam / <i>Public Health</i>	2,268,754,492	2,491,575,190.98	109.82
0030000	Rawatan Perubatan / <i>Medical Care</i>	7,502,798,227	8,121,679,869.86	108.25
0040000	Penyelidikan Dan Sokongan Teknikal / <i>Research And Technical Support</i>	155,659,437	161,050,758.40	103.46
0050000	Kesihatan Pergigian / <i>Oral Health</i>	439,758,506	472,597,038.63	107.47
0060000	Perkhidmatan Farmasi / <i>Pharmacy Services</i>	106,751,320	111,897,514.56	104.82
0070000	Lembaga Promosi Kesihatan Malaysia / <i>Malaysia Health Promotion Board</i>	5,860,000	5,860,000.00	100.00
0080000	Dasar Baru / <i>New Policies</i>	205,855,705	205,421,196.54	99.79
0090000	<i>One-Off</i>	21,967,668	21,749,963.56	99.01
	<b>JUMLAH / Total</b>	<b>11,764,733,400</b>	<b>12,696,630,142.22</b>	<b>107.92</b>

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



**JADUAL 4.29. : PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK, MALAYSIA, 2010**

Table 4.29. : Actual Development Allocation and Expenditure by Project Details, Malaysia, 2010

<b>BUTIRAN (PROJEK)</b> <i>Detail (Project)</i>	<b>TAJUK</b> <i>Title</i>	<b>PERUNTUKAN</b> <i>Allocation (RM)</i>	<b>PERBELANJAAN</b> <i>Expenditure (RM)</i>	<b>PERATUSAN PERBELANJAAN</b> <i>Expenditure Percentage</i>
00100	Latihan / Training	354,877,322	354,456,511.80	99.88
00200	Kesihatan Awam / Public Health	586,030,953	582,075,367.05	99.33
00300	Kemudahan Hospital / Hospital Facilities	778,967,368	777,097,185.56	99.76
00400	Hospital Baru / New Hospitals	682,227,698	681,982,448.52	99.96
00500	Penyelidikan dan Pembangunan / Research and Development	29,025,105	28,960,680.53	99.78
00600	Ubahsuai, Naiktaraf Dan Pembaikan / Renovation, Upgrading and Repairs	157,536,480	157,009,457.35	99.67
00700	Perolehan Dan Penyelenggaraan Tanah / Procurement and Land Maintenances	56,810,954	56,703,151.30	99.81
00800	Kemudahan Teknologi Maklumat dan Komunikasi / Information Technology and Communication Facilities	163,253,193	163,292,916.00	100.02
00900	Kemudahan Anggota / Staff Facilities	175,047,700	174,941,246.33	99.94
01000	Promosi Kesihatan / Health Promotion	1,368,466	1,368,464.64	100.00
01100	Peralatan dan Kenderaan / Equipments and Transport	599,118,771	591,381,776.04	98.71
	<b>JUMLAH / Total</b>	<b>3,584,264,010</b>	<b>3,569,269,205.12</b>	<b>99.58</b>

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

**JADUAL 4.30. : PERATUS PERUNTUKAN BELANJAWAN KESIHATAN BERBANDING DENGAN BELANJAWAN NEGARA, MALAYSIA, 2010**

Table 4.30. : *Percentage of Health Budget Allocation to Total National Budget, Malaysia, 2010*

PERATUS PERUNTUKAN BELANJAWAN KESIHATAN : BELANJAWAN NEGARA <i>Percentage of Health Budget Allocation to National Budget</i>	8.02
BELANJAWAN NEGARA (MENGURUS DAN PEMBANGUNAN) <i>National Budget (Operating and Development)</i>	RM 191,498,805,000
BELANJAWAN KESIHATAN (MENGURUS DAN PEMBANGUNAN) <i>Health Budget (Operating and Development)</i>	RM 15,348,997,410

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

**JADUAL 4.31. : NISBAH PENDAPATAN NEGARA KASAR (PNK) BAGI KESIHATAN, MALAYSIA, 2010**

Table 4.31. : *Proportion of Gross National Income (GNI) for Health, Malaysia, 2010*

Pendapatan Negara Kasar (PNK) Pada Harga Semasa (Juta) <i>Gross National Income (GNI) at Current Prices (Million)</i>	RM 739,451
Belanjawan Kesihatan (Mengurus dan Pembangunan) (Juta) <i>Health Budget (Operating and Development) (Million)</i>	RM 15,349
Peratus Pendapatan Negara Kasar (PNK) bagi Kesihatan <i>Percentage of Gross National Income (GNI) for Health</i>	2.08

PUNCA : LAPORAN EKONOMI 2011/2012 - KEMENTERIAN KEWANGAN MALAYSIA  
Source : *Economic Report 2011/2012 - Ministry of Finance Malaysia*

**JADUAL 4.32. : LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.32. : BCG Coverage for Infants by State, Malaysia, 2010

NEGERI State	KELAHIRAN HIDUP Live births (DOS)	BILANGAN BAYI YANG DISUNTIK No. of Infants Vaccinated	PERATUS BAYI YANG DISUNTIK % of Infants Vaccinated (DOS)	KELAHIRAN HIDUP Live births (TBIS)	BILANGAN BAYI YANG DISUNTIK No. of Infants Vaccinated	PERATUS BAYI YANG DISUNTIK % of Infants Vaccinated (TBIS)
Perlis	4,439	3,862	87.0	3,970	3,862	97.3
Kedah	36,055	34,798	96.5	35,229	34,798	98.8
Pulau Pinang	23,443	22,052	94.1	22,213	22,052	99.3
Perak	37,434	36,393	97.2	37,104	36,393	98.1
Selangor	100,650	74,090	73.6	74,186	74,090	99.9
W.P. Kuala Lumpur	27,209	23,197	85.3	23,539	23,197	98.5
W.P. Putrajaya	1,389	5,382	387.5	5,477	5,382	98.3
Negeri Sembilan	18,169	16,302	89.7	16,659	16,302	97.9
Melaka	14,421	13,680	94.9	13,890	13,680	98.5
Johor	59,167	54,380	91.9	54,574	54,380	99.6
Pahang	26,714	27,988	104.8	28,052	27,988	99.8
Terengganu	23,930	21,398	89.4	21,507	21,398	99.5
Kelantan	37,345	35,220	94.3	35,498	35,220	99.2
Sabah	53,655	60,972	113.6	61,693	60,972	98.8
W.P. Labuan	1,715	1,599	93.2	1,649	1,599	97.0
Sarawak	45,118	39,990	88.6	40,989	39,990	97.6
<b>MALAYSIA</b>	<b>510,853</b>	<b>471,303</b>	<b>92.3</b>	<b>476,229</b>	<b>471,303</b>	<b>99.0</b>

PUNCA : BAHAGIAN KESIHATAN AWAM, KEMENTERIAN KESIHATAN MALAYSIA

Source : Public Health Division, Ministry of Health, Malaysia

**JADUAL 4.33 : LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA, DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2010**  
Table 4.33. : Polio Immunisation Coverage of Infants (1st Dose, 3rd Dose) by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated No. of Live Births (DOS)	DOS PERMULAAN (DOS PERTAMA) Initial Dose (1st Dose)		DOS PENAMAT (DOS KETIGA) Completion Dose (3rd Dose)	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	4,439	3,536	79.66	3,702	83.40
Kedah	36,055	31,767	88.11	32,288	89.55
Pulau Pinang	23,443	22,325	95.23	23,475	100.14
Perak	37,434	34,300	91.63	36,348	97.10
Selangor	100,650	89,112	88.54	95,260	94.64
W.P. Kuala Lumpur	27,209	22,020	80.93	22,006	80.88
W.P. Putrajaya	1,389	2,443	175.88	2,590	186.47
Negeri Sembilan	18,169	16,406	90.30	16,797	92.45
Melaka	14,421	12,176	84.43	12,530	86.89
Johor	59,167	54,950	92.87	55,549	93.89
Pahang	26,714	25,429	95.19	26,595	99.55
Terengganu	23,930	20,387	85.19	21,943	91.70
Kelantan	37,345	27,908	74.73	29,399	78.72
Sabah	53,655	58,257	108.58	58,955	109.88
W.P. Labuan	1,715	1,849	107.81	1,909	111.31
Sarawak	45,118	39,155	86.78	41,540	92.07
<b>MALAYSIA</b>	<b>510,853</b>	<b>462,020</b>	<b>90.44</b>	<b>480,886</b>	<b>94.13</b>

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

**JADUAL 4.33A: LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA, DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.33A : Polio Immunisation Coverage of Infants (1st Dose, 3rd Dose) by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated No. of 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 (%)
Perlis	3,970	3,536	89.07	3,702	93.25
Kedah	35,229	31,767	90.17	32,288	91.65
Pulau Pinang	22,213	22,325	100.50	23,475	105.68
Perak	37,104	34,300	92.44	36,348	97.96
Selangor	74,186	89,112	120.12	95,260	128.41
W.P. Kuala Lumpur	23,539	22,020	93.55	22,006	93.49
W.P. Putrajaya	5,477	2,443	44.60	2,590	47.29
Negeri Sembilan	16,659	16,406	98.48	16,797	100.83
Melaka	13,890	12,176	87.66	12,530	90.21
Johor	54,574	54,950	100.69	55,549	101.79
Pahang	28,052	25,429	90.65	26,595	94.81
Terengganu	21,507	20,387	94.79	21,943	102.03
Kelantan	35,498	27,908	78.62	29,399	82.82
Sabah	61,693	58,257	94.43	58,955	95.56
W.P. Labuan	1,649	1,849	112.13	1,909	115.77
Sarawak	40,989	39,155	95.53	41,540	101.34
<b>MALAYSIA</b>	<b>476,229</b>	<b>462,020</b>	<b>97.02</b>	<b>480,886</b>	<b>100.98</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.34. : LIPUTAN DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 – 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.34. : Coverage of Children of Age 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2010

NEGERI State	KANAK-KANAK BERUMUR 1 – 2 TAHUN YANG DIBERI DOS SEMULA PERTAMA POLIO <i>Children of Age 1 – 2 Years Given 1st Booster Dose Polio</i>		
	ANGGARAN KANAK-KANAK BERUMUR 1 – 2 TAHUN <i>Estimated Children of Age 1 – 2 Years</i>	BILANGAN DIBERI <i>Number Given</i>	LIPUTAN <i>Coverage (%)</i>
Perlis	4,200	3,285	78.21
Kedah	35,400	28,739	81.18
Pulau Pinang	22,600	21,142	93.55
Perak	36,700	33,792	92.08
Selangor	98,325	82,558	83.96
W.P. Kuala Lumpur	26,400	19,159	72.57
W.P. Putrajaya	1,176	1,937	164.71
Negeri Sembilan	17,100	16,109	94.20
Melaka	13,200	11,184	84.73
Johor	56,700	48,927	86.29
Pahang	25,600	22,965	89.71
Terengganu	23,500	19,708	83.86
Kelantan	35,100	23,995	68.36
Sabah	50,600	51,158	101.10
W.P. Labuan	1,700	1,594	93.76
Sarawak	42,600	36,868	86.54
<b>MALAYSIA</b>	<b>490,901</b>	<b>423,120</b>	<b>86.19</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.35. : LIPUTAN PELALIAN DOS SEMULA POLIO BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.35. : Polio Immunisation Coverage of Booster Dose for Standard 1 Pupils by State, Malaysia, 2010

NEGERI State	JUMLAH ENROLMEN DARJAH 1 Total Standard 1 Enrolment	MURID DARJAH 1 YANG DIBERI PELALIAN DOS SEMULA POLIO Standard 1 Pupils Given Booster Dose Polio Immunisation	
		BILANGAN Number	PERATUS Percentage
Perlis	3,970	3,969	99.97
Kedah	33,805	33,240	98.33
Pulau Pinang	23,294	22,957	98.55
Perak	36,338	36,184	99.58
Selangor	87,347	85,550	97.94
W.P. Kuala Lumpur	22,627	21,089	93.20
W.P. Putrajaya	1,439	1,423	98.89
Negeri Sembilan	17,646	17,598	99.73
Melaka	13,612	13,573	99.71
Johor	55,766	55,734	99.94
Pahang	25,625	24,362	95.07
Terengganu	20,386	20,343	99.79
Kelantan	30,390	30,049	98.88
Sabah	44,858	44,481	99.16
W.P. Labuan	1,371	1,363	99.42
Sarawak	38,253	35,663	93.23
<b>MALAYSIA</b>	<b>456,727</b>	<b>447,578</b>	<b>98.00</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia



**JADUAL 4.36 : LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.36 : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP <i>Estimated No. of Live Births</i> (DOS)	DOS PERMULAAN (DOS PERTAMA) <i>Initial Dose (1st Dose)</i>		DOS PENAMAT (DOS KETIGA) <i>Completion Dose (3rd Dose)</i>	
		BILANGAN <i>Number</i>	LIPUTAN <i>Coverage (%)</i>	BILANGAN <i>Number</i>	LIPUTAN <i>Coverage (%)</i>
Perlis	4,439	3,535	79.64	3,702	83.40
Kedah	36,055	31,767	88.11	32,287	89.55
Pulau Pinang	23,443	22,358	95.37	23,489	100.20
Perak	37,434	34,389	91.87	36,287	96.94
Selangor	100,650	89,491	88.91	95,657	95.04
W.P. Kuala Lumpur	27,209	22,020	80.93	22,006	80.88
W.P. Putrajaya	1,389	2,443	175.88	2,589	186.39
Negeri Sembilan	18,169	16,405	90.29	16,807	92.50
Melaka	14,421	12,163	84.34	12,530	86.89
Johor	59,167	54,944	92.86	55,534	93.86
Pahang	26,714	25,429	95.19	26,596	99.56
Terengganu	23,930	20,387	85.19	21,942	91.69
Kelantan	37,345	27,908	74.73	29,398	78.72
Sabah	53,655	58,751	109.50	59,369	110.65
W.P. Labuan	1,715	1,849	107.81	1,909	111.31
Sarawak	45,118	39,155	86.78	41,540	92.07
<b>MALAYSIA</b>	<b>510,853</b>	<b>462,994</b>	<b>90.63</b>	<b>481,642</b>	<b>94.28</b>

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

**JADUAL 4.36A: LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.36A : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP <i>Estimated No. of Live Births</i> (TBIS)	DOS PERMULAAN (DOS PERTAMA) <i>Initial Dose (1st Dose)</i>		DOS PENAMAT (DOS KETIGA) <i>Completion Dose (3rd Dose)</i>	
		BILANGAN <i>Number</i>	LIPUTAN <i>Coverage (%)</i>	BILANGAN <i>Number</i>	LIPUTAN <i>Coverage (%)</i>
Perlis	3,970	3,535	89.04	3,702	93.25
Kedah	35,229	31,767	90.17	32,287	91.65
Pulau Pinang	22,213	22,358	100.65	23,489	105.74
Perak	37,104	34,389	92.68	36,287	97.80
Selangor	74,186	89,491	120.63	95,657	128.94
W.P. Kuala Lumpur	23,539	22,020	93.55	22,006	93.49
W.P. Putrajaya	5,477	2,443	44.60	2,589	47.27
Negeri Sembilan	16,659	16,405	98.48	16,807	100.89
Melaka	13,890	12,163	87.57	12,530	90.21
Johor	54,574	54,944	100.68	55,534	101.76
Pahang	28,052	25,429	90.65	26,596	94.81
Terengganu	21,507	20,387	94.79	21,942	102.02
Kelantan	35,498	27,908	78.62	29,398	82.82
Sabah	61,693	58,751	95.23	59,369	96.23
W.P. Labuan	1,649	1,849	112.13	1,909	115.77
Sarawak	40,989	39,155	95.53	41,540	101.34
<b>MALAYSIA</b>	<b>476,229</b>	<b>462,994</b>	<b>97.22</b>	<b>481,642</b>	<b>101.14</b>

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

**JADUAL 4.37 : LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA), BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2010**  
Table 4.37 : Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated No. of Live Births (DOS)	DOS PERTAMA 1st Dose		DOS KETIGA 3rd Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	4,439	3,535	79.64	3,702	83.40
Kedah	36,055	31,767	88.11	32,287	89.55
Pulau Pinang	23,443	22,358	95.37	23,491	100.20
Perak	37,434	32,797	87.61	35,451	94.70
Selangor	100,650	89,494	88.92	95,657	95.04
W.P. Kuala Lumpur	27,209	22,020	80.93	22,006	80.88
W.P. Putrajaya	1,389	2,443	175.88	2,589	186.39
Negeri Sembilan	18,169	16,411	90.32	16,791	92.42
Melaka	14,421	12,163	84.34	12,530	86.89
Johor	59,167	54,049	91.35	54,587	92.26
Pahang	26,714	25,423	95.17	26,595	99.55
Terengganu	23,930	20,385	85.19	21,942	91.69
Kelantan	37,345	27,904	74.72	29,397	78.72
Sabah	53,655	58,595	109.21	59,238	110.41
W.P. Labuan	1,715	1,849	107.81	1,909	111.31
Sarawak	45,118	39,141	86.75	41,515	92.01
<b>MALAYSIA</b>	<b>510,853</b>	<b>460,334</b>	<b>90.11</b>	<b>479,687</b>	<b>93.90</b>

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

**JADUAL 4.37A: LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA), BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2010**  
Table 4.37A : Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated No. of Live Births (TBIS)	DOS PERTAMA 1st Dose		DOS KETIGA 3rd Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	3,970	3,535	89.04	3,702	93.25
Kedah	35,229	31,767	90.17	32,287	91.65
Pulau Pinang	22,213	22,358	100.65	23,491	105.75
Perak	37,104	32,797	88.39	35,451	95.54
Selangor	74,186	89,494	120.63	95,657	128.94
W.P. Kuala Lumpur	23,539	22,020	93.55	22,006	93.49
W.P. Putrajaya	5,477	2,443	44.60	2,589	47.27
Negeri Sembilan	16,659	16,411	98.51	16,791	100.79
Melaka	13,890	12,163	87.57	12,530	90.21
Johor	54,574	54,049	99.04	54,587	100.02
Pahang	28,052	25,423	90.63	26,595	94.81
Terengganu	21,507	20,385	94.78	21,942	102.02
Kelantan	35,498	27,904	78.61	29,397	82.81
Sabah	61,693	58,595	94.98	59,238	96.02
W.P. Labuan	1,649	1,849	112.13	1,909	115.77
Sarawak	40,989	39,141	95.49	41,515	101.28
<b>MALAYSIA</b>	<b>476,229</b>	<b>460,334</b>	<b>96.66</b>	<b>479,687</b>	<b>100.73</b>

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

**JADUAL 4.38 : LIPUTAN PELALIAN DOS SEMULA "DOUBLE ANTIGEN" BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.38 : Coverage of Standard 1 Pupils For Booster Dose Double Antigen by State, Malaysia, 2010

NEGERI State	JUMLAH ENROLMEN DARJAH 1 Total Standard 1 Enrolment	MURID DARJAH 1 YANG DIBERI DOS SEMULA DOUBLE ANTIGEN Standard 1 Pupils Given Booster Dose Double Antigen	
		BILANGAN Number	PERATUS Percentage (%)
Perlis	3,970	3,969	99.97
Kedah	33,805	33,240	98.33
Pulau Pinang	23,294	22,959	98.56
Perak	36,338	36,184	99.58
Selangor	87,347	85,550	97.94
W.P. Kuala Lumpur	22,627	21,089	93.20
W.P. Putrajaya	1,439	1,423	98.89
Negeri Sembilan	17,646	17,599	99.73
Melaka	13,612	13,573	99.71
Johor	55,766	55,734	99.94
Pahang	25,625	24,362	95.07
Terengganu	20,386	20,343	99.79
Kelantan	30,390	30,053	98.89
Sabah	44,858	44,481	99.16
W.P. Labuan	1,371	1,363	99.42
Sarawak	38,253	35,435	92.63
<b>MALAYSIA</b>	<b>456,727</b>	<b>447,357</b>	<b>97.95</b>

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

**JADUAL 4.39 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA, DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.39 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose, 4th Dose) by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated No. of Live Births (DOS)	DOS PERTAMA 1st Dose		DOS KEDUA 2nd Dose		DOS KETIGA 3rd Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	4,439	4,388	98.85	4,316	97.23	2,592	58.39
Kedah	36,055	28,771	79.80	36,783	102.02	23,346	64.75
Pulau Pinang	23,443	17,554	74.88	23,430	99.94	17,029	72.64
Perak	37,434	31,931	85.30	39,351	105.12	27,643	73.84
Selangor	100,650	82,786	82.25	83,675	83.13	90,765	90.18
W.P. Kuala Lumpur	27,209	21,679	79.68	18,544	68.15	20,392	74.95
W.P. Putrajaya	1,389	2,065	148.67	1,441	103.74	2,461	177.18
Negeri Sembilan	18,169	16,497	90.80	18,596	102.35	13,044	71.79
Melaka	14,421	14,148	98.11	13,155	91.22	9,577	66.41
Johor	59,167	62,419	105.50	56,951	96.25	40,923	69.17
Pahang	26,714	23,475	87.88	27,324	102.28	25,477	95.37
Terengganu	23,930	19,525	81.59	23,166	96.81	21,254	88.82
Kelantan	37,345	31,273	83.74	33,862	90.67	28,117	75.29
Sabah	53,655	59,641	111.16	59,636	111.15	57,571	107.30
W.P. Labuan	1,715	1,741	101.52	1,714	99.94	1,843	107.46
Sarawak	45,118	36,707	81.36	39,368	87.26	39,756	88.12
<b>MALAYSIA</b>	<b>510,853</b>	<b>454,600</b>	<b>88.99</b>	<b>481,312</b>	<b>94.22</b>	<b>421,790</b>	<b>82.57</b>

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

**JADUAL 4.39A: LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA, DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.39A : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose, 4th Dose) by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated No. of Live Births (TBIS)	DOS PERTAMA 1st Dose		DOS KEDUA 2nd Dose		DOS KETIGA 3rd Dose		DOS KEEMPAT 4th Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	3,970	4,388	110.53	4,316	108.72	2,592	65.29	1,739	43.80
Kedah	35,229	28,771	81.67	36,783	104.41	23,346	66.27	15,476	43.93
Pulau Pinang	22,213	17,554	79.03	23,430	105.48	17,029	76.66	11,631	52.36
Perak	37,104	31,931	86.06	39,351	106.06	27,643	74.50	16,092	43.37
Selangor	74,186	82,786	111.59	83,675	112.79	90,765	122.35	1,730	2.33
W.P. Kuala Lumpur	23,539	21,679	92.10	18,544	78.78	20,392	86.63	153	0.65
W.P. Putrajaya	5,477	2,065	37.70	1,441	26.31	2,461	44.93		0.00
Negeri Sembilan	16,659	16,497	99.03	18,596	111.63	13,044	78.30	7,790	46.76
Melaka	13,890	14,148	101.86	13,155	94.71	9,577	68.95	5,499	39.59
Johor	54,574	62,419	114.37	56,951	104.36	40,923	74.99	26,236	48.07
Pahang	28,052	23,475	83.68	27,324	97.40	25,477	90.82	243	0.87
Terengganu	21,507	19,525	90.78	23,166	107.71	21,254	98.82	44	0.20
Kelantan	35,498	31,273	88.10	33,862	95.39	28,117	79.21	308	0.87
Sabah	61,693	59,641	96.67	59,636	96.67	57,571	93.32	654	1.06
W.P. Labuan	1,649	1,741	105.58	1,714	103.94	1,843	111.76	2	0.12
Sarawak	40,989	36,707	89.55	39,368	96.05	39,756	96.99	24	0.06
<b>MALAYSIA</b>	<b>476,229</b>	<b>454,600</b>	<b>95.46</b>	<b>481,312</b>	<b>101.07</b>	<b>421,790</b>	<b>88.57</b>	<b>87,621</b>	<b>18.40</b>

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

**JADUAL 4.40 : LIPUTAN PELALIAN MEASLES UNTUK BAYI DAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 - < 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.40 : Immunisation Coverage of Measles for Infant and MMR (Mump, Measles And Rubella) for Children Aged 1 - < 2 Year by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP <i>Estimated No. of Live Births (DOS)</i>	ANGGARAN PENDUDUK BERUMUR (1 - < 2 TAHUN) <i>Estimated Population Aged (1 - &lt; 2 Years)</i>	BAYI YANG TELAH DIBERI PELALIAN MEASLES <i>Measles Immunisation Given to Infants</i>		KANAK-KANAK BERUMUR 1 - < 2 TAHUN TELAH DIBERI PELALIAN MMR <i>MMR Immunisation Given to Children Aged 1- &lt; 2 Years</i>	
			BILANGAN <i>Number</i>	LIPUTAN <i>Coverage %</i>	BILANGAN <i>Number</i>	LIPUTAN <i>Coverage %</i>
Perlis	4,439	4,200	6	0.14	3,516	83.71
Kedah	36,055	35,400	5	0.01	31,302	88.42
Pulau Pinang	23,443	22,600	-	-	23,577	104.32
Perak	37,434	36,700	971	2.59	35,675	97.21
Selangor	100,650	98,325	16	0.02	95,740	97.37
W.P. Kuala Lumpur	27,209	26,400	-	-	19,601	74.25
W.P. Putrajaya	1,389	1,176	-	-	2,310	196.43
Negeri Sembilan	18,169	17,100	2	0.01	17,076	99.86
Melaka	14,421	13,200	-	-	12,506	94.74
Johor	59,167	56,700	62	0.10	54,320	95.80
Pahang	26,714	25,600	1	0.00	26,564	103.77
Terengganu	23,930	23,500	-	-	20,844	88.70
Kelantan	37,345	35,100	-	-	28,102	80.06
Sabah	53,655	50,600	58,695	109.39	58,153	114.93
W.P. Labuan	1,715	1,700	-	-	1,824	107.29
Sarawak	45,118	42,600	354	0.78	40,642	95.40
<b>MALAYSIA</b>	<b>510,853</b>	<b>490,901</b>	<b>60,112</b>	<b>11.77</b>	<b>471,752</b>	<b>96.10</b>

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



**JADUAL 4.40A: LIPUTAN PELALIAN MEASLES UNTUK BAYI DAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 – < 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.40A : Immunisation Coverage of Measles for Infant and MMR (Mump, Measles And Rubella) for Children Aged 1 – < 2 Year by State, Malaysia, 2010

NEGERI State	ANGGARAN KELAHIRAN HIDUP <i>Estimated No. of Live Births</i> (TBIS)	BAYI YANG TELAH DIBERI PELALIAN MEASLES <i>Measles Immunisation Given to Infants</i>	
		BILANGAN <i>Number</i>	LIPUTAN <i>Coverage %</i>
Perlis	3,970	6	0.15
Kedah	35,229	5	0.01
Pulau Pinang	22,213	-	-
Perak	37,104	971	2.62
Selangor	74,186	16	0.02
W.P. Kuala Lumpur	23,539	-	-
W.P. Putrajaya	5,477	-	-
Negeri Sembilan	16,659	2	0.01
Melaka	13,890	-	-
Johor	54,574	62	0.11
Pahang	28,052	1	0.00
Terengganu	21,507	-	-
Kelantan	35,498	-	-
Sabah	61,693	58,695	95.14
W.P. Labuan	1,649	-	-
Sarawak	40,989	354	0.86
<b>MALAYSIA</b>	<b>476,229</b>	<b>60,112</b>	<b>12.62</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.41 : LIPUTAN IBU-IBU MENDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.41 : Coverage of Ante-Natal Mothers (1st Visit) by State, Malaysia 2010

NEGERI State	ANGGARAN IBU MENDUNG <i>Estimated Number of Pregnant Mothers</i>	BILANGAN KEDATANGAN IBU MENDUNG (LAWATAN PERTAMA) <i>Number of Ante-Natal Attendances (1st Visit)</i>	LIPUTAN IBU MENDUNG (LAWATAN PERTAMA) <i>Coverage of Ante-Natal (1st Visit) %</i>
Perlis	5,105	3,655	71.60
Kedah	41,466	33,564	80.94
Pulau Pinang	26,959	22,305	82.74
Perak	43,049	32,155	74.69
Selangor	115,747	88,461	76.43
W.P. Kuala Lumpur	31,290	15,878	50.74
W.P. Putrajaya	1,597	3,092	193.61
Negeri Sembilan	20,893	18,907	90.49
Melaka	16,584	13,096	78.97
Johor	68,043	66,158	97.23
Pahang	30,720	27,121	88.28
Terengganu	27,520	22,121	80.38
Kelantan	42,947	26,969	62.80
Sabah	61,702	64,972	105.53
W.P. Labuan	1,972	2,244	113.79
Sarawak	51,885	42,438	81.79
<b>MALAYSIA</b>	<b>587,479</b>	<b>483,136</b>	<b>82.24</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.42. : LIPUTAN IBU-IBU MENDUNG YANG DIBERI TETANUS TOXOID MENGIKUT NEGERI, MALAYSIA, 2010**

Table 4.42. : Coverage of Ante-Natal Mothers for Tetanus Toxoid and by State, Malaysia, 2010

NEGERI State	ANGGARAN IBU MENDUNG <i>Estimated Number of Pregnant Mothers</i>	DOS PERTAMA /DOS SEMULA <i>1st Dose / Booster Dose</i>		DOS KEDUA / DOS SEMULA (DOS PENAMAT) <i>2nd Dose or Booster Dose (Completion Dose)</i>	
		BILANGAN <i>Number</i>	LIPUTAN <i>Coverage %</i>	BILANGAN <i>Number</i>	LIPUTAN <i>Coverage %</i>
Perlis	5,105	3,481	68.19	3,444	67.46
Kedah	41,466	30,680	73.99	31,439	75.82
Pulau Pinang	26,959	17,733	65.78	18,313	67.93
Perak	43,049	30,337	70.47	30,678	71.26
Selangor	115,747	91,708	79.23	93,493	80.77
W.P. Kuala Lumpur	31,290	12,252	39.16	11,909	38.06
W.P. Putrajaya	1,597	2,942	184.22	2,891	181.03
Negeri Sembilan	20,893	15,274	73.11	14,903	71.33
Melaka	16,584	10,926	65.88	10,762	64.89
Johor	68,043	49,294	72.45	49,386	72.58
Pahang	30,720	23,206	75.54	23,239	75.65
Terengganu	27,520	20,265	73.64	20,489	74.45
Kelantan	42,947	24,022	55.93	24,601	57.28
Sabah	61,702	57,921	93.87	57,878	93.80
W.P. Labuan	1,972	1,873	94.98	1,859	94.27
Sarawak	51,885	38,003	73.24	37,297	71.88
<b>MALAYSIA</b>	<b>587,479</b>	<b>429,917</b>	<b>73.18</b>	<b>432,581</b>	<b>73.63</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.43. : KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2010**  
Table 4.43. : *Deliveries Attended by Trained Personnel, Malaysia, 2010*

<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH</b> <i>Deliveries Attended by Trained Personnel</i>	<b>BILANGAN</b> <i>Number</i>	<b>PERATUS</b> <i>Percentage</i>
<b>JUMLAH KELAHIRAN</b> <i>Total Deliveries</i>	<b>439,447</b>	
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (KERAJAAN)</b> <i>Deliveries by Trained Personnel (Government)</i>	<b>378,865</b>	<b>86.21</b>
- HOSPITAL KERAJAAN <i>- Government Hospitals</i>	371,368	84.51
- KEMUDAHAN KESIHATAN AWAM <i>- Public Health Facilities</i>	7,497	1.71
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (SWASTA)</b> <i>Deliveries by Trained Personnel (Private)</i>	<b>54,400</b>	<b>12.38</b>
- HOSPITAL SWASTA / <i>Private Hospitals</i>	51,546	11.73
- RUMAH BERSALIN SWASTA / <i>Private Maternity Homes</i>	2,854	0.65
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (KERAJAAN DAN SWASTA)</b> <i>Deliveries by Trained Personnel (Government and Private)</i>	<b>433,265</b>	<b>98.59</b>

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

**JADUAL 4.44. : BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2006-2010**

Table 4.44. : Number of New Family Planning Acceptors by Type of Methods, Malaysia 2006-2010

KAEDAH Methods	2006		2007		2008		2009		2010	
	BIL Number	%	BIL Number	%	BIL Number	%	BIL Number	%	BIL Number	%
Pil/Pill	64,728	67.9	64,500	67.2	63,253	68.1	64,475	67.9	64,103	65.6
Alat Dalam Rahim (ADR) Ultra Uterine Device (IUD)	3,457	3.6	3,392	3.5	3,064	3.3	2,651	2.8	2,547	2.6
Kondom/Condom	11,812	12.4	12,147	12.7	10,297	11.1	10,792	11.3	11,526	11.8
Suntikan/Injection	9,150	9.6	10,443	10.9	10,834	11.7	12,104	12.7	13,467	13.8
Sterilisasi/Sterilization										
- Perempuan/Female	4,234	4.4	3,841	4.0	3,658	3.9	3,499	3.7	3,580	3.7
- Lelaki/Male	5	0.0	1	0.0	1	0	5	0	0	-
Cara Waktu Selamat / Rhythm	-	-	958	1.0	879	0.9	620	0.7	1,068	1.1
Lain-Lain/Others	2,011	2.1	649	0.7	887	1.0	879	0.9	1,389	1.4
<b>Jumlah/Total</b>	<b>95,397</b>	<b>100.0</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>

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

**JADUAL 4.45. : LIPUTAN RUMAH YANG MENGGUNAKAN BEKALAN AIR SEMPURNA DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2010**

Table 4.45. : Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as on 31st December, 2010

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR Number of Houses in Rural Area	LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENGGUNAKAN BEKALAN AIR SEMPURNA Houses in Rural Area Covered with Safe Water Supply	
		RUMAH Houses	PERATUS Percentage
Perlis	38,587	38,093	98.72
Kedah	187,995	182,948	97.32
Pulau Pinang	73,011	71,444	97.85
Perak	152,957	149,644	97.83
Selangor	110,374	110,064	99.72
N.Sembilan	67,232	66,863	99.45
Melaka	73,602	73,444	99.79
Johor	146,235	145,087	99.21
Pahang	137,494	134,996	98.18
Terengganu	138,063	137,066	99.28
Kelantan	267,092	227,679	85.24
Sabah	204,970	190,900	93.14
Sarawak	189,097	183,246	96.91
<b>MALAYSIA</b>	<b>1,786,709</b>	<b>1,711,474</b>	<b>95.79</b>

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

**JADUAL 4.46. : LIPUTAN RUMAH YANG MENGGUNAKAN TANDAS SEMPURNA DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2010**

Table 4.46. : Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as on 31st December, 2010

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR Number of Houses in Rural Area	LIPUTAN RUMAH DI KAWASAN LUAR BANDAR YANG MENGGUNAKAN TANDAS SEMPURNA Houses in Rural Area Covered with Sanitary Latrines	
		RUMAH Houses	PERATUS Percentage
Perlis	38,587	38,377	99.46
Kedah	187,995	186,324	99.11
Pulau Pinang	73,011	72,885	99.83
Perak	152,957	149,958	98.04
Selangor	110,374	109,282	99.01
N.Sembilan	67,232	66,822	99.39
Melaka	73,602	73,477	99.83
Johor	146,235	145,148	99.26
Pahang	137,494	134,499	97.82
Terengganu	138,063	138,063	100.00
Kelantan	267,092	263,184	98.54
Sabah	204,970	186,412	90.95
Sarawak	189,097	180,681	95.55
<b>MALAYSIA</b>	<b>1,786,709</b>	<b>1,745,112</b>	<b>97.67</b>

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

**JADUAL 4.47. : LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN AIR LIMBAH DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2010**

Table 4.47. : Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as on 31st December, 2010

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR Number of Houses in Rural Area	LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN AIR LIMBAH Houses Covered with Sullage Disposal System	
		RUMAH Houses	PERATUS Percentage
Perlis	38,587	25,379	65.77
Kedah	187,995	123,463	65.67
Pulau Pinang	73,011	57,552	78.83
Perak	152,957	85,738	56.05
Selangor	110,374	104,155	94.37
N.Sembilan	67,232	57,275	85.19
Melaka	73,602	71,929	97.73
Johor	146,235	133,183	91.07
Pahang	137,494	94,520	68.74
Terengganu	138,063	72,844	52.76
Kelantan	267,092	112,625	42.17
Sabah	204,970	124,322	60.65
Sarawak	189,097	107,142	56.66
<b>MALAYSIA</b>	<b>1,786,709</b>	<b>1,170,127</b>	<b>65.49</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia



**JADUAL 4.48 : LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN SISA PEPEJAL DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2010**

Table 4.48 : Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as on 31st December, 2010

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR Number of Houses in Rural Area	LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN SISA PEPEJAL Houses Covered with Solid Waste Disposal System	
		RUMAH Houses	PERATUS Percentage
Perlis	38,587	24,487	63.46
Kedah	187,995	151,098	80.37
Pulau Pinang	73,011	66,683	91.33
Perak	152,957	88,825	58.07
Selangor	110,374	102,572	92.93
N.Sembilan	67,232	54,451	80.99
Melaka	73,602	72,488	98.49
Johor	146,235	137,757	94.20
Pahang	137,494	92,196	67.05
Terengganu	138,063	88,420	64.04
Kelantan	267,092	141,403	52.94
Sabah	204,970	134,500	65.62
Sarawak	189,097	112,245	59.36
<b>MALAYSIA</b>	<b>1,786,709</b>	<b>1,267,125</b>	<b>70.92</b>

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

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>PERLIS</b> Hospital Tengku Fauziah, Kangar	404	404	67.35	75.76	3.59	1.74
<b>Jumlah Negeri / State Total</b>	<b>404</b>	<b>404</b>	<b>67.35</b>	<b>75.76</b>	<b>3.59</b>	<b>1.74</b>
<b>KEDAH</b>						
Hospital Sultanah Bahiyah, Alor Setar	805	805	90.00	169.60	4.26	0.47
Hospital Sultan Abdul Halim Sungai Petani	550	550	75.92	127.56	3.27	1.04
Hospital Kulim	281	284	80.24	76.22	2.98	0.73
Hospital Baling	160	160	41.48	31.12	2.13	3.01
Hospital Langkawi	110	110	65.65	24.19	3.00	1.57
Hospital Yan	89	89	46.93	17.54	2.38	2.70
Hospital Jitra	103	103	44.10	17.11	2.66	3.37
Hospital Sik	93	93	40.96	15.83	2.41	3.47
Hospital Kuala Nerang	72	72	41.15	10.50	2.82	4.03
<b>Jumlah Negeri / State Total</b>	<b>2,263</b>	<b>2,266</b>	<b>73.41</b>	<b>489.66</b>	<b>3.39</b>	<b>1.23</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>PULAU PINANG</b>						
Hospital Pulau Pinang	1,090	1,099	80.05	183.50	4.81	1.20
Hospital Bukit Mertajam	242	242	54.30	39.64	3.36	2.82
Hospital Seberang Jaya	314	314	105.54	104.89	3.15	-0.17
Hospital Sungai Bakap	105	105	53.87	20.66	2.74	2.34
Hospital Balik Pulau	71	71	62.45	8.80	5.03	3.02
Hospital Kepala Batas	108	108	72.25	25.35	3.09	1.18
<b>Jumlah Negeri / State Total</b>	<b>1,930</b>	<b>1,939</b>	<b>78.47</b>	<b>382.83</b>	<b>3.98</b>	<b>1.09</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>PERAK</b>						
Hospital Raja Perempuan Bainon, Ipoh	990	990	68.68	164.05	4.14	1.89
Hospital Taiping	608	608	68.39	112.71	3.69	1.70
Hospital Teluk Intan	548	548	46.66	74.67	3.43	3.92
Hospital Parit Buntar	120	120	35.42	22.30	1.91	3.48
Hospital Kuala Kangsar	136	136	46.71	21.41	2.96	3.38
Hospital Batu Gajah	160	160	43.78	25.10	2.79	3.58
Hospital Kampar	90	90	31.60	10.07	2.84	6.14
Hospital Tapah	100	100	30.98	13.40	2.31	5.15
Hospital Slim River	140	140	50.66	22.71	3.14	3.05
Hospital Seri Manjung	270	270	87.70	82.83	2.86	0.40
Hospital Gerik	75	75	37.09	13.87	2.01	3.41
Hospital Selama	90	90	24.14	9.12	2.38	7.48
Hospital Changkat Melintang	50	50	36.38	9.43	1.92	3.35
Hospital Sungai Siput	93	93	59.47	14.61	3.80	2.59
<b>Jumlah Negeri / State Total</b>	<b>3,470</b>	<b>3,470</b>	<b>58.15</b>	<b>596.27</b>	<b>3.38</b>	<b>2.44</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SELANGOR</b>						
Hospital Tengku Ampuan Rahimah, Kelang	893	893	90.38	242.06	3.35	0.36
Hospital Kajang	306	306	68.52	71.62	2.93	1.34
Hospital Kuala Kubu Baru	150	150	29.29	17.66	2.49	6.01
Hospital Tanjung Karang	114	114	38.55	18.64	2.36	3.76
Hospital Banting	153	153	58.25	33.17	2.68	1.92
Hospital Tengku Ampuan Jemaah, Sabak Bernam	93	93	48.19	16.77	2.68	2.88
Hospital Sungai Buluh	620	620	67.19	98.23	4.24	2.07
Hospital Selayang	937	870	61.83	134.83	3.97	2.45
Hospital Serdang	636	636	65.89	103.76	4.04	2.09
Hospital Ampang	562	562	59.31	75.40	4.43	3.04
<b>Jumlah Negeri / State Total</b>	<b>4,464</b>	<b>4,397</b>	<b>67.01</b>	<b>812.15</b>	<b>3.63</b>	<b>1.79</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>WILAYAH PERSEKUTUAN KUALA LUMPUR</b> Hospital Kuala Lumpur	2,229	2,212	73.11	316.15	5.13	1.89
<b>Jumlah Negeri / State Total</b>	<b>2,229</b>	<b>2,212</b>	<b>73.11</b>	<b>316.15</b>	<b>5.13</b>	<b>1.89</b>
<b>WILAYAH PERSEKUTUAN PUTRAJAYA</b> Hospital Putrajaya	278	278	85.01	67.08	3.96	0.70
<b>Jumlah Negeri / State Total</b>	<b>278</b>	<b>278</b>	<b>85.01</b>	<b>67.08</b>	<b>3.96</b>	<b>0.70</b>
<b>WILAYAH PERSEKUTUAN LABUAN</b> Hospital Labuan	109	109	42.10	14.34	3.22	4.42
<b>Jumlah Negeri / State Total</b>	<b>109</b>	<b>109</b>	<b>42.10</b>	<b>14.34</b>	<b>3.22</b>	<b>4.42</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>NEGERI SEMBILAN</b>						
Hospital Tuanku Jaafar, Seremban	850	850	70.12	158.79	3.75	1.60
Hospital Tuanku Ampuan Najihah, Kuala Pilah	314	314	60.00	65.21	2.90	1.93
Hospital Tampin	85	85	67.66	21.25	2.69	1.29
Hospital Port Dickson	94	94	51.94	20.35	2.39	2.21
Hospital Jelebu	76	76	37.18	8.53	3.31	5.59
Hospital Jempol	108	108	34.24	12.49	2.97	5.70
<b>Jumlah Negeri / State Total</b>	<b>1,527</b>	<b>1527</b>	<b>62.60</b>	<b>286.62</b>	<b>3.34</b>	<b>1.99</b>
<b>MELAKA</b>						
Hospital Melaka	901	901	83.39	194.74	3.85	0.77
Hospital Alor Gajah	29	29	75.47	8.02	2.74	0.89
Hospital Jasin	76	76	39.70	10.39	2.91	4.41
<b>Jumlah Negeri / State Total</b>	<b>1,006</b>	<b>1006</b>	<b>79.86</b>	<b>213.15</b>	<b>3.77</b>	<b>0.95</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>JOHOR</b>						
Hospital Sultanah Aminah, Johor Bahru	989	989	86.87	211.91	4.05	0.61
Hospital Pakar Sultanah Fatimah, Muar	550	550	68.22	97.61	3.83	1.79
Hospital Batu Pahat	314	314	84.90	96.10	2.78	0.49
Hospital Segamat	221	221	87.34	57.51	3.35	0.49
Hospital Kluang	244	244	60.31	57.99	2.53	1.67
Hospital Kota Tinggi	158	158	55.57	33.49	2.6	2.07
Hospital Pontian	120	120	48.94	28.76	2.04	2.13
Hospital Mersing	55	55	62.38	12.06	2.83	1.71
Hospital Tangkak	69	69	43.12	9.73	3.05	4.02
Hospital T.S Maharaja Tun Ibrahim, Kulai	93	93	83.17	36.50	2.12	0.43
Hospital Sultan Ismail, Pandan	704	704	49.81	90.59	3.88	3.91
<b>Jumlah Negeri / State Total</b>	<b>3,517</b>	<b>3,517</b>	<b>70.50</b>	<b>732.26</b>	<b>3.38</b>	<b>1.42</b>



**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>PAHANG</b>						
Hospital Tengku Ampuan Afzan, Kuantan	722	722	81.25	130.71	4.42	1.02
Hospital Pekan	110	110	35.74	14.48	2.70	4.86
Hospital Sultan Haji Ahmad Shah, Temerloh	482	482	84.40	96.82	4.22	0.78
Hospital Bentong	152	152	40.84	17.64	3.52	5.10
Hospital Raub	89	89	52.51	16.71	2.79	2.53
Hospital Kuala Lipis	128	128	58.59	20.59	3.64	2.57
Hospital Jerantut	77	77	64.64	17.12	2.89	1.58
Hospital Jengka	70	70	72.21	18.45	2.73	1.05
Hospital Muadzam Shah	49	49	47.93	11.66	2.01	2.19
Hospital Sultanah Hajjah Kalsom Cameron Highland	28	28	45.54	5.50	2.31	2.77
<b>Jumlah Negeri / State Total</b>	<b>1,907</b>	<b>1,907</b>	<b>70.96</b>	<b>349.68</b>	<b>3.85</b>	<b>1.58</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>TERENGGANU</b>						
Hospital Sultanah Nur Zahirah, Kuala Terengganu	821	821	74.36	171.50	3.54	1.22
Hospital Kemaman	116	116	82.65	39.76	2.41	0.51
Hospital Dungun	100	100	57.68	26.31	2.19	1.61
Hospital Besut	140	140	59.88	31.50	2.66	1.78
Hospital Hulu Terengganu	119	119	47.98	16.63	3.44	3.73
Hospital Setiu	76	76	39.75	11.70	2.58	3.91
<b>Jumlah Negeri / State Total</b>	<b>1,372</b>	<b>1,372</b>	<b>68.16</b>	<b>297.40</b>	<b>3.14</b>	<b>1.46</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>KELANTAN</b>						
Hospital Raja Perempuan Zainab II, Kota Bahru	920	920	72.93	140.16 34.82	4.79 3.07	1.78 1.23
Hospital Kuala Krai	150	150	71.35			
Hospital Machang	90	90	47.92	17.17	2.51	2.73
Hospital Tumpat	119	119	37.99	13.25	3.41	5.57
Hospital Pasir Mas	120	120	62.65	28.94	2.60	1.55
Hospital Tanah Merah	120	120	78.82	31.75	2.98	0.80
Hospital Tengku Anis, Pasir Puteh	75	75	65.87	18.12	2.73	1.41
Hospital Gua Musang	34	34	109.30	14.01	2.65	-0.23
Hospital Jeli	24	24	97.92	8.97	2.64	0.06
<b>Jumlah Negeri / State Total</b>	<b>1,652</b>	<b>1,652</b>	<b>69.38</b>	<b>307.20</b>	<b>3.73</b>	<b>1.65</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SABAH</b>						
Hospital Queen Elizabeth, Kota Kinabalu	589	589	65.08	54.71	7.08	3.80
Hospital Duchess of Kent, Sandakan	400	400	56.82	58.32	3.90	2.97
Hospital Tawau	401	401	58.51	63.02	3.73	2.65
Hospital Beaufort	275	275	23.83	15.68	4.17	13.33
Hospital Beluran	52	52	37.87	7.62	2.57	4.21
Hospital Keningau	212	212	67.16	36.99	3.85	1.88
Hospital Kota Belud	172	172	70.88	28.91	4.21	1.73
Hospital Kudat	180	180	32.00	17.82	3.22	6.84
Hospital Lahad Datu	268	268	41.80	32.01	3.49	4.86
Hospital Papar	77	77	52.02	14.94	2.68	2.47
Hospital Ranau	110	91	60.17	18.75	2.91	1.93
Hospital Semporna	70	70	59.54	16.01	2.60	1.76

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SABAH (SAMBUNGAN)</b>						
Hospital Tambunan	49	49	50.11	8.05	3.05	3.03
Hospital Tenom	92	92	30.51	9.98	2.82	6.43
Hospital Sipitang	93	93	27.52	6.45	3.97	10.44
Hospital Kota Marudu	97	97	64.50	22.26	2.80	1.54
Hospital Kinabatangan	68	68	36.17	8.35	2.94	5.19
Hospital Wanita dan Kanak-kanak Likas	504	504	69.41	99.90	3.46	1.53
Hospital Kuala Penyu	48	48	42.85	7.45	2.77	3.69
Hospital Kunak	48	48	46.23	7.90	2.80	3.26
Hospital Pitas	48	48	65.42	8.83	3.56	1.88
Hospital Tuaran <sup>1</sup>	0	0	0.00	0.00	0.00	0.00
<b>Jumlah Negeri / State Total</b>	<b>3,853</b>	<b>3834</b>	<b>54.52</b>	<b>543.95</b>	<b>3.84</b>	<b>3.20</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SARAWAK</b>						
Hospital Umum Kuching	765	0	0.00	0.00	0.00	0.00
Hospital Sri Aman	145	145	20.42	11.73	2.53	9.85
Hospital Sibul	509	509	77.21	84.64	4.64	1.37
Hospital Miri	333	333	69.94	65.26	3.57	1.53
Hospital Limbang	100	100	31.50	9.25	3.40	7.38
Hospital Sarikei	212	212	28.73	20.65	2.95	7.31
Hospital Kapit	134	134	39.51	13.77	3.83	5.87
Hospital Serian	84	84	53.51	17.38	2.59	2.25
Hospital Lundu	46	46	48.14	6.84	3.24	3.49
Hospital Saratok	106	106	21.92	7.41	3.12	11.12

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SARAWAK (SAMBUNGAN)</b>						
Hospital Mukah	80	80	22.97	7.97	2.30	7.72
Hospital Kanowit	100	100	22.62	5.20	4.32	14.79
Hospital Bintulu	284	284	60.67	42.22	4.08	2.65
Hospital Marudi	54	54	45.63	6.70	3.69	4.40
Hospital Lawas	46	46	36.89	5.28	3.21	5.49
Hospital Bau	68	68	27.14	6.85	2.68	7.20
Hospital Simunjan	42	42	21.95	3.38	2.71	9.65
Hospital Betong	48	68	28.93	7.72	2.54	6.24
Hospital Daro	46	46	25.52	4.90	2.39	6.99
Hospital RCBM (Leprosy) Sarawak	20	20	42.66	0.02	346.00	465.11
Hospital Dalat	8	8	44.14	1.78	1.98	2.51
<b>Jumlah Negeri <sup>2</sup> / State Total <sup>2</sup></b>	<b>3,230</b>	<b>2485</b>	<b>48.98</b>	<b>328.98</b>	<b>3.70</b>	<b>3.85</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2010 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2010 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SPECIAL MEDICAL INSTITUTION</b>						
Institut Perubatan Respiratori, Kuala Lumpur	118	118	48.77	6.35	9.05	9.51
Hospital Bahagia, Hulu Kinta	2200	2200	72.54	6.63	236.29	89.47
Hospital Permai, Tampoi, Johor	1400	1400	68.67	4.21	221.40	101.00
Pusat Kawalan Kusta Negara, Sg. Buloh	224	236	64.99	2.62	58.80	31.68
Hospital Mesra Bukit Padang, Sabah	302	302	65.71	2.46	81.29	42.43
Hospital Sentosa, Sarawak	338	338	67.83	1.39	163.77	77.66
<b>Jumlah Institusi / Institution Total</b>	<b>4,582</b>	<b>4,594</b>	<b>69.57</b>	<b>23.67</b>	<b>133.69</b>	<b>58.49</b>
<b>MALAYSIA</b>	<b>37,793</b>	<b>36,969</b>	<b>66.26</b>	<b>5,837.16</b>	<b>4.20</b>	<b>2.14</b>

Nota/Note:

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

*Hospital Tuaran provides Out Patient Services only.*

<sup>2</sup> Bagi negeri Sarawak, laporan sub-sistem tidak termasuk Hospital Umum Kuching

*For the State of Sarawak, Sub System report exclude Hospital Umum Kuching*

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia



**JADUAL 4.50. : LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DIRI DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH, MALAYSIA, 2010**

Table 4.50 : Coverage of School Children Treated Under Personal Oral Health Care and Percentage Given All Required Oral Health Treatment, Malaysia, 2010

NEGERI State	KEDATANGAN BARU New Attendances	ENROLMEN MURID SEKOLAH School Children Enrolment	LIPUTAN Coverage %	MURID SEKOLAH YANG DIBERI RAWATAN PENUH (Pergigian) School Children Completed All Required Treatment (Oral Health)	
				BILANGAN Number	PERATUS Percentage
Perlis	49,305	49,618	99.37	47,892	97.13
Kedah	365,851	378,221	96.73	350,088	95.69
Pulau Pinang	245,984	255,118	96.42	237,834	96.69
Perak	453,637	456,495	99.37	443,393	97.74
Selangor	814,152	880,074	92.51	788,817	96.89
W.P. Kuala Lumpur	245,756	246,855	99.55	240,447	97.84
W.P. Putrajaya	13,143	13,340	98.52	12,944	98.49
W.P. Labuan	13,526	13,614	99.35	13,394	99.02
Negeri Sembilan	201,164	205,145	98.06	195,770	97.32
Melaka	156,035	158,150	98.66	153,927	98.65
Johor	617,493	628,678	98.22	599,863	97.14
Pahang	276,909	279,935	98.92	266,271	96.16
Terengganu	237,968	247,431	96.18	223,412	93.88
Kelantan	315,181	382,136	82.48	269,052	85.36
Sabah	338,145	461,362	73.29	310,016	91.68
Sarawak	292,355	476,123	61.40	272,988	93.38
<b>MALAYSIA</b>	<b>4,636,604</b>	<b>5,132,295</b>	<b>90.34</b>	<b>4,426,108</b>	<b>95.46</b>

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



**PETUNJUK KESIHATAN  
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