



# PETUNJUK KESIHATAN *HEALTH INDICATORS*

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



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## **WAWASAN KESIHATAN**

Malaysia akan menjadi sebuah negara terdiri daripada individu, keluarga dan masyarakat yang sihat melalui sistem kesihatan yang adil dan saksama, cekap, mampu disedia dan diperolehi, berteknologi sesuai, serasi pelanggan dan bersesuaian dengan persekitaran. Sistem ini juga akan mengutamakan kualiti, inovasi, promosi kesihatan, hormat kepada kemuliaan insan serta menggalakan tanggungjawab individu dan penyertaan masyarakat ke arah peningkatan mutu kehidupan.

## **MISI KEMENTERIAN KESIHATAN**

Misi kementerian Kesihatan adalah untuk mewujudkan penglibatan dan penyertaan masyarakat untuk kesihatan bagi merangsang dan memudahkan rakyat untuk:

- Mencapai sepenuh kemampuan mereka dalam kesihatan.
- Menghargai kesihatan sebagai aset yang bernilai.
- Mengambil sikap positif meningkatkan lagi dan mengekalkan status kesihatan untuk menikmati kualiti hidup yang lebih bermutu.

## **VISION FOR HEALTH**

Malaysia is to be a nation of healthy individuals, families and communities, through a health system that is equitable, affordable, efficient, technologically appropriate, environmentally adaptable and consumer-friendly, with emphasis on quality, innovation, health promotion and respect for human dignity, and which promotes individual responsibility and community participation towards an enhanced quality of life.

## **MISSION OF MINISTRY OF HEALTH**

The mission of the Ministry of Health is to build partnerships for health to facilitate and support the people to:

- Attain fully their potential in health.
- Motivate them to appreciate health as valuable asset.
- Take positive action to improve further and sustain their health status to enjoy a better quality of life.

## **TERAS KEEMPAT RANCANGAN MALAYSIA KE 9 (RMKe-9) : MENINGKATKAN TAHAP DAN KEMAMPAAN KUALITI HIDUP**

### **MENINGKATKAN TARAF KESIHATAN PROSPEK 2006 - 2010**

Kesihatan merupakan aset yang penting dalam pembangunan modal insan. Dalam tempoh RMKe-9, sungguhpun Kerajaan akan terus menyediakan kemudahan dan melaksanakan program bagi meningkat taraf kesihatan penduduk, namun tanggungjawab individu yang lebih besar adalah amat penting untuk mencapai kesihatan yang lebih baik. Bagi tujuan ini, usaha akan diambil bagi menggalak kesejahteraan sepanjang hayat sebagai pendekatan yang proaktif bagi mengekal kesihatan, mengurangkan beban penyakit dan memanfaat sumber yang ada untuk faedah optimum kepada masyarakat. Penekanan juga akan diberi bagi memperkuuh dan mengintegrasikan perkhidmatan bagi menambah baik lagi kecekapan, kualiti, akses dan kesaksamaan dalam penyampaian penjagaan kesihatan. Sehubungan itu, pembangunan sektor kesihatan akan berpandukan kepada strategi berikut:-

- Mencegah dan mengurang beban penyakit bagi meningkatkan lagi taraf kesihatan;
- Menambah baik sistem penyampaian penjagaan kesihatan bagi meningkatkan akses kepada penjagaan berkualiti.
- Mengoptimumkan sumber melalui pengukuhan dan intergrasi.
- Meningkatkan R&D untuk menyokong dalam membuat keputusan berdasarkan bukti;
- Mengurus krisis dan bencana berkaitan kesihatan secara berkesan
- Meningkatkan pembangunan sumber manusia; dan
- Memperkuuhkan sistem maklumat dan pengurusan kesihatan.

## **THRUST FOUR OF 9MP : TO IMPROVE THE STANDARD AND SUSTAINABILITY OF QUALITY OF LIFE**

### **ACHIEVING BETTER HEALTH PROSPECTS, 2006 - 2010**

Health is an important asset in the development of human capital. During the Ninth Plan period, while the Government will continue to provide facilities and implement programmes to improve the health status of the population, greater individual responsibility is crucial for achieving better health. Towards this end, efforts will be undertaken to promote lifelong wellness as a proactive approach to maintain health, reduce the disease burden and harness resources available for the optimum benefit of the population. Emphasis will also be given to the consolidation and integration of services to further improve efficiency, quality, accessibility and equity in health care delivery. Thus, health sector development will be guided by the following strategies:-

- Preventing and reducing the disease burden to further improve the health status;
- Enhancing the health care delivery system to increase accessibility to quality care;
- Optimizing resources through consolidation and integration;
- Enhancing research and development to support evidence-based decision-making;
- Managing health-related crisis and disasters effectively;
- Enhancing human resources development; and
- Strengthening health information and management systems.

## **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-24 sejak Rangka Umum yang pertama bagi penilaian digunakan dalam tahun 1985. Sehingga kini, senarai petunjuk global tidak berubah. Petunjuk ini adalah penting bagi negara-negara anggota Pertubuhan Kesihatan Sedunia (WHO) menilai strategi nasional masing-masing ke arah matlamat-matlamat HFA.

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

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

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

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

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

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

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

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

Sebagai tambahan, maklumat bagi matlamat-matlamat pengawasan untuk pembangunan, perlindungan dan keselamatan kanak-kanak melalui 27 petunjuk yang disyorkan dalam Persidangan Kemuncak Sedunia bagi Kanak-Kanak pada bulan September 1990 telah dimasukkan ke dalam pengawasan Rangka Umum 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 24th 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 be 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. : ENROLMENT SEKOLAH RENDAH MENGIKUT JANTINA DAN NEGERI, MALAYSIA, 2007**

Table 1.1. : Primary School Enrolment by Sex and State, Malaysia, 2007

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	14,393	13,724	28,117
Kedah	126,826	120,975	247,801
Pulau Pinang	81,984	78,286	160,270
Perak	145,009	137,209	282,218
Selangor	275,819	259,306	535,125
W.P. Kuala Lumpur	79,013	75,182	154,195
W.P. Putrajaya	2,927	2,788	5,715
Negeri Sembilan	61,595	59,146	120,741
Melaka	47,901	45,082	92,983
Johor	200,227	188,590	388,817
Pahang	92,211	87,171	179,382
Terengganu	76,865	73,716	150,581
Kelantan	117,846	111,736	229,582
Sabah	149,686	139,967	289,653
W.P. Labuan	4,313	4,094	8,407
Sarawak	151,773	142,415	294,188
<b>MALAYSIA</b>	<b>1,628,388</b>	<b>1,539,387</b>	<b>3,167,775</b>

PUNCA : KEMENTERIAN PELAJARAN MALAYSIA.

Source : Ministry of Education Malaysia.

**JADUAL 1.2. : BILANGAN KANAK-KANAK YANG TAMAT SEKOLAH MENENGAH RENDAH\* MENGIKUT JANTINA DAN NEGERI,  
 MALAYSIA, 2007**

Table 1.2. : Number of Children Completed Lower Secondary\* School by Sex and State, Malaysia, 2007

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	2,110	1,849	3,959
Kedah	15,726	15,046	30,772
Pulau Pinang	10,167	9,951	20,118
Perak	20,093	19,248	39,341
Selangor	32,686	31,138	63,824
W.P. Kuala Lumpur	10,305	10,252	20,557
W.P. Putrajaya	542	364	906
Negeri Sembilan	8,420	7,929	16,349
Melaka	6,305	6,187	12,492
Johor	24,431	24,638	49,069
Pahang	11,865	11,217	23,082
Terengganu	9,921	9,394	19,315
Kelantan	13,489	12,832	26,321
Sabah	17,873	17,661	35,534
W.P. Labuan	573	535	1,108
Sarawak	19,772	20,105	39,877
<b>MALAYSIA</b>	<b>204,278</b>	<b>198,346</b>	<b>402,624</b>

\* KANAK-KANAK YANG TELAH MENGHADIRI 9 TAHUN PERSEKOLAHAN (TINGKATAN III).

\* Children who had attended 9 Years of Schooling (Form III).

PUNCA : KEMENTERIAN PELAJARAN MALAYSIA.

Source : Ministry of Education Malaysia.

**JADUAL 1.3. : BILANGAN KANAK-KANAK YANG TAMAT SEKOLAH MENENGAH ATAS\* MENGIKUT JANTINA DAN NEGERI,  
MALAYSIA, 2007**

Table 1.3. : Number of Children Completed Upper Secondary\* School by Sex and State, Malaysia, 2007

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	2,301	2,217	4,518
Kedah	14,155	15,307	29,462
Pulau Pinang	9,660	9,932	19,592
Perak	18,956	19,413	38,369
Selangor	27,760	28,613	56,373
W.P. Kuala Lumpur	9,639	10,122	19,761
W.P. Putrajaya	384	236	620
Negeri Sembilan	8,742	8,540	17,282
Melaka	5,998	6,066	12,064
Johor	21,660	23,644	45,304
Pahang	11,597	12,048	23,645
Terengganu	9,887	10,334	20,221
Kelantan	14,280	14,892	29,172
Sabah	14,602	15,896	30,498
W.P. Labuan	510	512	1,022
Sarawak	16,065	17,260	33,325
<b>MALAYSIA</b>	<b>186,196</b>	<b>195,032</b>	<b>381,228</b>

\* KANAK-KANAK YANG TELAH MENGHADIRI 11 TAHUN PERSEKOLAHAN (TINGKATAN V).

\* Children who had attended 11 Years of Schooling (Form V).

PUNCA : KEMENTERIAN PELAJARAN MALAYSIA.

Source : Ministry of Education Malaysia.

**JADUAL 1.4. : KELUARAN DALAM NEGERI KASAR, KELUARAN NEGARA KASAR DAN ANGGARAN PENDUDUK,  
MALAYSIA, 2007**

Table 1.4. : Gross Domestic Product, Gross National Product and Estimated Population, Malaysia 2007

KELUARAN DALAM NEGERI KASAR (KDNK) (HARGA MALAR 2000) (DALAM JUTA) <i>Gross Domestic Product (GDP) (Constant 2000 prices) (In million)</i>	RM 505,353
PER KAPITA KDNK (HARGA MALAR 2000) <i>Per Capita GDP (Constant 2000 prices)</i>	RM 18,597
KELUARAN NEGARA KASAR (KNK)(HARGA SEMASA) (DALAM JUTA) <i>Gross National Product (GNP) (Current prices)</i>	RM 628,106
PENDAPATAN PER KAPITA (HARGA SEMASA) <i>Per Capita Income (Current prices)</i>	RM 23,114
ANGGARAN PENDUDUK <i>Estimated Population</i>	27,173,600

PUNCA : JADUAL PERANGKAAN LAPORAN EKONOMI 2008/2009 - KEMENTERIAN KEWANGAN MALAYSIA.

Source : *Statistical Tables Economic Report 2008/2009 - Ministry of Finance Malaysia.*

**JADUAL 1.5. : PURATA KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2003 - 2007**

Table 1.5. : Average Annual Population Growth Rate, Malaysia, 2003 - 2007

TAHUN Year	PURATA KADAR PERTUMBUHAN PENDUDUK TAHUNAN Average Annual Population Growth Rate
2003	1.5
2004	1.5
2005	1.4
2006	1.4
2007	1.4

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, 2007**

Table 1.6. : Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2007

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	32.4	61.3	6.3	63.1	96
Kedah	33.5	61.3	5.2	63.2	99
Pulau Pinang	27.6	67.0	5.4	49.2	98
Perak	30.4	63.0	6.6	58.8	101
Selangor <sup>1</sup>	31.4	65.5	3.2	52.7	105
W.P. Kuala Lumpur	30.5	35.4	4.1	52.9	103
Negeri Sembilan	30.2	64.6	5.2	54.8	106
Melaka	32.3	62.3	5.5	60.5	101
Johor	31.9	63.6	4.5	57.3	106
Pahang	31.3	64.6	4.1	54.8	110
Terengganu	35.9	60.8	3.8	64.5	105
Kelantan	38.0	57.4	4.6	74.1	101
Sabah	33.6	63.4	2.9	57.6	106
W.P. Labuan	34.3	63.3	2.4	58.0	108
Sarawak	33.2	62.0	4.7	61.2	105
<b>MALAYSIA</b>	<b>32.2</b>	<b>63.4</b>	<b>4.4</b>	<b>57.6</b>	<b>104</b>

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

Note : <sup>1</sup> Including W.P.Putrajaya.

PUNCA : JABATAN PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 1.7. : BILANGAN DAN PERATUS PENDUDUK BANDAR DAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA, 2007**

Table 1.7. : Number and Percentage of Urban and Rural Population by State, Malaysia, 2007

NEGERI State	JUMLAH PENDUDUK Total Population ('000)	PENDUDUK BANDAR Urban Population		PENDUDUK LUAR BANDAR Rural Population	
		BILANGAN Number ('000)	PERATUS Percentage	BILANGAN Number ('000)	PERATUS Percentage
Perlis	231.9	82.2	35.4	149.7	64.6
Kedah	1,918.7	768.2	40.0	1,150.5	60.0
Pulau Pinang	1,518.5	1,213.4	79.9	305.0	20.1
Perak	2,314.6	1,370.5	59.2	944.0	40.8
Selangor <sup>1</sup>	4,961.6	4,400.6	88.7	561.0	11.3
W.P. Kuala Lumpur	1,604.4	1,604.4	100.0	0	0
Negeri Sembilan	978.2	555.3	56.8	423.0	43.2
Melaka	738.8	530.5	71.8	208.4	28.2
Johor	3,240.9	2,171.7	67.0	1,069.2	33.0
Pahang	1,483.6	651.9	43.9	831.7	56.1
Terengganu	1,067.9	534.2	50.0	533.7	50.0
Kelantan	1,560.5	520.2	33.3	1,040.3	66.7
Sabah	3,063.6	1,549.6	50.6	1,514.0	49.4
W.P. Labuan	86.3	67.3	78.0	18.9	21.9
Sarawak	2,404.2	1,201.6	50.0	1,202.6	50.0
<b>MALAYSIA</b>	<b>27,173.6</b>	<b>17,221.6</b>	<b>63.4</b>	<b>9,952.0</b>	<b>36.6</b>

NOTA : Jumlah campuran mungkin berbeza kerana pembulatan.  
Note : The added total may differ due to rounding.

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

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

**JADUAL 1.8. : KADAR LITERASI PENDUDUK MENGIKUT TAHAP UMUR DAN JANTINA, MALAYSIA, 2003 - 2007**

Table 1.8. : *Literacy Rate of Population by Age and State, Malaysia, 2003 - 2007*

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 %
	2003	92.2	95.1	89.1	91.3	94.7
2004	92.3	95.1	89.4	91.5	94.7	88.1
2005	92.4	95.1	89.6	91.6	94.7	88.4
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

PUNCA : PENYIASATAN TENAGA BURUH, JABATAN PERANGKAAN MALAYSIA  
Source : *Labour Force Survey, Department of Statistics, Malaysia*

PETUNJUK KESIHATAN NO: 1.9.  
Health Indicator No: 1.9.

**JADUAL 1.9. : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2003 - 2007**

Table 1.9. : Life Expectancy at Birth by Sex, Malaysia, 2003 - 2007

TAHUN <i>Year</i>	LELAKI <i>Male</i> (Bilangan Tahun/Number of Years)	PEREMPUAN <i>Female</i> (Bilangan Tahun/Number of Years)
2003	70.9	75.6
2004	71.1	75.9
2005	71.4	76.2
2006 <sup>P</sup>	71.5	76.3
2007 <sup>P</sup>	71.7	76.5

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

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

**JADUAL 1.10. : TABURAN PERATUS KELAHIRAN HIDUP\* MENGIKUT BERAT KELAHIRAN BAGI MALAYSIA, 2003 - 2007**  
 Table 1.10. : Percentage Distribution of Live Births\* by Birth Weight, Malaysia, 2003 - 2007

TAHUN Year	TABURAN PERATUS *KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN Percentage Distribution of *Live Births by Birth Weight	
	Di Bawah 2.5 kg Under 2.5 kg	2.5 kg dan Lebih 2.5 kg and Over
2003	9.6	90.4
2004	9.7	90.3
2005	10.4	89.6
2006	10.7	89.3
2007 P	10.5	89.5

NOTA : \* Perkiraan Taburan Peratus berdasarkan kepada bilangan kelahiran hidup yang ditimbang.

Note : \* Percentage distribution is calculated based on number of newborns weighed.

: P 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, 2005 - 2006**

Table 2.1. : *Perinatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2005 - 2006*

NEGERI State	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate										
Perlis	37	9.4	18	8.9	19	9.8	44	11.3	22	11.0	22	11.6
Kedah	361	10.5	195	11.1	166	9.9	318	9.4	184	10.5	134	8.2
Pulau Pinang	167	7.4	99	8.5	68	6.3	197	9.0	109	9.5	88	8.4
Perak	275	7.4	151	8.0	124	6.9	280	7.7	143	7.6	137	7.8
Selangor <sup>1</sup>	536	5.9	297	6.3	239	5.5	548	5.9	292	6.1	256	5.8
W.P.K.Lumpur	139	5.7	74	5.8	65	5.5	152	6.1	84	6.5	68	5.7
Negeri Sembilan	147	8.8	85	9.8	62	7.7	145	8.8	82	9.6	63	7.9
Melaka	127	9.6	77	11.2	50	7.8	152	11.8	88	13.4	64	10.1
Johor	388	6.9	212	7.4	176	6.5	387	6.9	220	7.5	167	6.2
Pahang	238	9.3	135	10.2	103	8.3	228	9.2	123	9.6	105	8.8
Terengganu	256	11.6	137	12.2	119	11.0	253	11.5	139	12.4	114	10.6
Kelantan	313	9.1	177	10.0	136	8.2	303	9.0	172	9.9	131	8.0
Sabah	146	3.2	81	3.4	65	2.9	115	2.6	62	2.7	53	2.5
W.P.Labuan	18	12.0	12	15.3	6	8.3	16	10.2	10	12.3	6	7.9
Sarawak	266	6.2	127	5.7	139	6.7	273	6.5	138	6.3	135	6.6
<b>MALAYSIA</b>	<b>3,414</b>	<b>7.2</b>	<b>1,877</b>	<b>7.7</b>	<b>1,537</b>	<b>6.7</b>	<b>3,411</b>	<b>7.3</b>	<b>1,868</b>	<b>7.7</b>	<b>1,543</b>	<b>6.9</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 PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.2. : KELAHIRAN MATI (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2005 - 2006**

Table 2.2. : Stillbirths (Number and Rate\*) by State and Sex, Malaysia, 2005 - 2006

NEGERI State	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate										
Perlis	30	7.6	14	6.9	16	8.3	27	6.9	14	7.0	13	6.9
Kedah	218	6.4	112	6.4	106	6.4	199	5.9	105	6.0	94	5.7
Pulau Pinang	97	4.3	57	4.9	40	3.7	127	5.8	64	5.6	63	6.0
Perak	174	4.7	88	4.6	86	4.8	181	5.0	85	4.5	96	5.5
Selangor <sup>1</sup>	327	3.6	178	3.8	149	3.4	346	3.7	180	3.8	166	3.7
W.P. K.Lumpur	90	3.7	43	3.4	47	4.0	94	3.8	51	4.0	43	3.6
Negeri Sembilan	88	5.2	50	5.8	38	4.7	78	4.7	38	4.5	40	5.0
Melaka	71	5.4	38	5.6	33	5.2	98	7.6	56	8.5	42	6.7
Johor	220	3.9	120	4.2	100	3.7	224	4.0	127	4.3	97	3.6
Pahang	133	5.2	72	5.4	61	4.9	145	5.9	85	6.6	60	5.0
Terengganu	138	6.3	73	6.5	65	6.0	154	7.0	81	7.2	73	6.8
Kelantan	235	6.9	137	7.8	98	5.9	231	6.8	132	7.6	99	6.1
Sabah	89	1.9	49	2.0	40	1.8	72	1.6	39	1.7	33	1.6
W.P.Labuan	11	7.3	8	10.2	3	4.2	9	5.7	7	8.6	2	2.6
Sarawak	154	3.6	73	3.3	81	3.9	151	3.6	68	3.1	83	4.1
<b>MALAYSIA</b>	<b>2,075</b>	<b>4.4</b>	<b>1,112</b>	<b>4.6</b>	<b>963</b>	<b>4.2</b>	<b>2,136</b>	<b>4.6</b>	<b>1,132</b>	<b>4.7</b>	<b>1,004</b>	<b>4.5</b>

NOTA : \* Setiap 1,000 jumlah kelahiran.  
Note : \* Per 1,000 total births.

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

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

**JADUAL 2.3. : KEMATIAN NEONATAL (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2005 - 2006**

Table 2.3. : Neonatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2005 - 2006

NEGERI State	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate										
Perlis	13	3.3	7	3.5	6	3.1	21	5.4	10	5.0	11	5.9
Kedah	169	5.0	96	5.5	73	4.4	151	4.5	97	5.6	54	3.3
Pulau Pinang	91	4.1	51	4.4	40	3.7	99	4.5	64	5.6	35	3.4
Perak	138	3.7	85	4.5	53	3.0	131	3.6	75	4.0	56	3.2
Selangor <sup>1</sup>	297	3.3	172	3.7	125	2.9	273	3.0	155	3.3	118	2.7
W.P. Kuala Lumpur	72	2.9	44	3.5	28	2.4	75	3.0	44	3.4	31	2.6
Negeri Sembilan	73	4.4	41	4.7	32	4.0	90	5.5	62	7.3	28	3.5
Melaka	75	5.7	51	7.5	24	3.8	70	5.5	46	7.1	24	3.8
Johor	231	4.2	123	4.3	108	4.0	217	3.9	119	4.1	98	3.7
Pahang	141	5.5	85	6.4	56	4.5	122	5.0	61	4.8	61	5.1
Terengganu	148	6.8	79	7.1	69	6.4	135	6.2	80	7.2	55	5.1
Kelantan	136	4.0	73	4.2	63	3.8	125	3.7	73	4.2	52	3.2
Sabah	68	1.5	39	1.6	29	1.3	60	1.4	34	1.5	26	1.2
W.P. Labuan	8	5.4	5	6.4	3	4.2	15	9.6	7	8.7	8	10.5
Sarawak	151	3.5	83	3.8	68	3.3	154	3.7	88	4.0	66	3.2
<b>MALAYSIA</b>	<b>1,811</b>	<b>3.9</b>	<b>1,034</b>	<b>4.3</b>	<b>777</b>	<b>3.4</b>	<b>1,738</b>	<b>3.7</b>	<b>1,015</b>	<b>4.2</b>	<b>723</b>	<b>3.2</b>

NOTA : \* Setiap 1,000 kelahiran hidup.

Note : \* Per 1,000 Live births.

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

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

PUNCA : JABATAN PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.4. : KEMATIAN BAYI (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2005 - 2006**Table 2.4. : *Infant Deaths (Number and Rate\*) by State and Sex, Malaysia, 2005 - 2006*

NEGERI State	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate										
Perlis	31	7.9	14	7.0	17	8.9	31	8.0	14	7.0	17	9.0
Kedah	267	7.8	148	8.5	119	7.2	231	6.9	143	8.2	88	5.4
Pulau Pinang	142	6.3	71	6.1	71	6.6	161	7.4	100	8.8	61	5.9
Perak	267	7.2	158	8.4	109	6.1	212	5.8	123	6.5	89	5.1
Selangor <sup>1</sup>	484	5.4	273	5.8	211	4.8	459	5.0	261	5.5	198	4.5
W.P. Kuala Lumpur	119	4.9	68	5.4	51	4.3	125	5.1	75	5.9	50	4.2
Negeri Sembilan	140	8.4	77	8.9	63	7.8	141	8.6	90	10.6	51	6.4
Melaka	112	8.5	69	10.1	43	6.8	104	8.1	62	9.5	42	6.7
Johor	400	7.2	224	7.8	176	6.5	350	6.3	191	6.5	159	6.0
Pahang	244	9.6	146	11.1	98	8.0	216	8.8	118	9.3	98	8.2
Terengganu	221	10.1	112	10.0	109	10.1	208	9.5	123	11.1	85	7.9
Kelantan	296	8.7	154	8.8	142	8.6	247	7.4	133	7.7	114	7.0
Sabah	123	2.7	69	2.9	54	2.4	106	2.4	64	2.8	42	2.0
W.P. Labuan	15	10.0	9	11.6	6	8.4	23	14.7	10	12.4	13	17.1
Sarawak	251	5.9	134	6.1	117	5.7	263	6.2	141	6.5	122	6.0
<b>MALAYSIA</b>	<b>3,112</b>	<b>6.6</b>	<b>1,726</b>	<b>7.1</b>	<b>1,386</b>	<b>6.1</b>	<b>2,877</b>	<b>6.2</b>	<b>1,648</b>	<b>6.8</b>	<b>1,229</b>	<b>5.5</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, 2005 - 2006**

Table 2.5. : Toddler Deaths (Number and Rate\*) by State and Sex, Malaysia, 2005 - 2006

NEGERI State	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate										
Perlis	10	0.6	8	0.9	2	0.2	8	0.5	7	0.9	1	0.1
Kedah	64	0.4	37	0.5	27	0.4	62	0.4	31	0.4	31	0.5
Pulau Pinang	35	0.4	23	0.5	12	0.3	30	0.3	14	0.3	16	0.4
Perak	109	0.6	62	0.7	47	0.6	96	0.6	55	0.7	41	0.5
Selangor <sup>1</sup>	121	0.3	64	0.4	57	0.3	109	0.3	64	0.4	45	0.3
W.P. Kuala Lumpur	31	0.3	13	0.2	18	0.3	20	0.2	9	0.2	11	0.2
Negeri Sembilan	27	0.4	14	0.4	13	0.4	37	0.5	22	0.6	15	0.5
Melaka	26	0.5	13	0.5	13	0.5	9	0.2	6	0.2	3	0.1
Johor	95	0.4	55	0.4	40	0.3	74	0.3	41	0.3	33	0.3
Paahang	82	0.8	44	0.8	38	0.7	86	0.8	46	0.9	40	0.8
Terengganu	46	0.5	26	0.5	20	0.4	35	0.4	26	0.6	9	0.2
Kelantan	119	0.8	66	0.9	53	0.7	90	0.6	53	0.7	37	0.5
Sabah	48	0.3	25	0.3	23	0.2	52	0.3	34	0.4	18	0.2
W.P. Labuan	1	0.2	1	0.3	0	0	0	0	0	0	0	0
Sarawak	84	0.5	53	0.6	31	0.4	67	0.4	37	0.4	30	0.4
<b>MALAYSIA</b>	<b>898</b>	<b>0.5</b>	<b>504</b>	<b>0.5</b>	<b>394</b>	<b>0.4</b>	<b>775</b>	<b>0.4</b>	<b>445</b>	<b>0.5</b>	<b>330</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 PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.6. : KEMATIAN DI BAWAH LIMA TAHUN (BILANGAN & KADAR\*) MENGIKUT NEGERI DAN JANTINA,  
MALAYSIA, 2005 - 2006**

Table 2.6. : Deaths under five years of age (Number and Rate\*) by State and Sex, Malaysia, 2005 - 2006

NEGERI State	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate										
Perlis	41	10.5	22	11.0	19	9.9	39	10.1	21	10.5	18	9.6
Kedah	331	9.7	185	10.6	146	8.8	293	8.7	174	10.0	119	7.3
Pulau Pinang	177	7.9	94	8.1	83	7.7	191	8.8	114	10.0	77	7.4
Perak	376	10.2	220	11.6	156	8.7	308	8.5	178	9.5	130	7.4
Selangor <sup>1</sup>	605	6.7	337	7.2	268	6.1	568	6.2	325	6.8	243	5.5
W.P. Kuala Lumpur	150	6.1	81	6.4	69	5.9	145	5.9	84	6.6	61	5.1
Negeri Sembilan	167	10.0	91	10.5	76	9.4	178	10.8	112	13.2	66	8.3
Melaka	138	10.5	82	12.0	56	8.8	113	8.8	68	10.4	45	7.2
Johor	495	8.9	279	9.7	216	8.0	424	7.6	232	7.9	192	7.2
Pahang	326	12.8	190	14.4	136	11.0	302	12.3	164	12.9	138	11.6
Terengganu	267	12.2	138	12.4	129	12.0	243	11.1	149	13.4	94	8.8
Kelantan	415	12.2	220	12.5	195	11.8	337	10.0	186	10.7	151	9.3
Sabah	171	3.7	94	3.9	77	3.5	158	3.6	98	4.3	60	2.8
W.P. Labuan	16	10.7	10	12.9	6	8.4	23	14.7	10	12.4	13	17.1
Sarawak	335	7.9	187	8.5	148	7.2	330	7.8	178	8.2	152	7.5
<b>MALAYSIA</b>	<b>4,010</b>	<b>8.5</b>	<b>2,230</b>	<b>9.2</b>	<b>1,780</b>	<b>7.8</b>	<b>3,652</b>	<b>7.9</b>	<b>2,093</b>	<b>8.7</b>	<b>1,559</b>	<b>7.0</b>

NOTA : \* Setiap 1,000 kewarganegaraan hidup.

Note : \* Per 1,000 Live births.

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

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

PUNCA : JABATAN PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.7. : KEMATIAN IBU BERSALIN (BILANGAN DAN KADAR\*) MENGIKUT NEGERI, MALAYSIA, 2005 - 2006**Table 2.7. : *Maternal Deaths (Number and Rate\*) by State, Malaysia, 2005 - 2006*

NEGERI State	2005		2006	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	2	0.5	1	0.3
Kedah	12	0.4	5	0.1
Pulau Pinang	4	0.2	6	0.3
Perak	11	0.3	8	0.2
Selangor <sup>1</sup>	21	0.2	23	0.2
W.P. K.Lumpur	5	0.2	5	0.2
Negeri Sembilan	4	0.2	4	0.2
Melaka	6	0.5	6	0.5
Johor	10	0.2	19	0.3
Pahang	10	0.4	10	0.4
Terengganu	8	0.4	9	0.4
Kelantan	11	0.3	9	0.3
Sabah	15	0.3	13	0.3
W.P.Labuan	0	0	0	0
Sarawak	12	0.3	10	0.2
<b>MALAYSIA</b>	<b>131</b>	<b>0.3</b>	<b>128</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 PERANGKAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

PETUNJUK KESIHATAN NO: 2.8.

Health Indicator No: 2.8.

**JADUAL 2.8 : KADAR KESUBURAN JUMLAH, MALAYSIA, 2003 - 2007**

Table 2.8. : Total Fertility Rate, Malaysia, 2003 - 2007

TAHUN Year	KADAR KESUBURAN JUMLAH (SETIAP PEREMPUAN BERUMUR 15 - 49 TAHUN) Total Fertility Rate (Per Female Aged 15 - 49 Years)
2003	2.5
2004	2.4
2005	2.4
2006	2.3
2007 <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, 2005 - 2006**

Table 2.9. : Deaths (Number and Rate) by Specific Age Groups, Malaysia, 2005 - 2006

KUMPULAN UMUR Age Group	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate										
< 1	3,112	6.6	1,726	7.1	1,386	6.1	2,877	6.2	1,648	6.9	1,229	5.5
1 – 4	898	0.5	504	0.5	394	0.4	775	0.4	445	0.5	330	0.4
5 – 9	768	0.3	457	0.3	311	0.2	682	0.2	377	0.3	305	0.2
10 – 14	831	0.3	499	0.4	332	0.3	807	0.3	523	0.4	284	0.2
15 – 19	1,883	0.7	1,396	1.1	487	0.4	1,782	0.7	1,321	1.0	461	0.4
20 – 24	2,249	1.0	1,706	1.5	543	0.5	2,262	1.0	1,728	1.4	534	0.5
25 – 29	2,259	1.1	1,711	1.6	548	0.5	2,305	1.1	1,775	1.7	530	0.5
30 – 34	2,714	1.4	2,015	2.1	699	0.7	2,680	1.4	2,013	2.1	667	0.7
35 – 39	3,227	1.8	2,342	2.5	885	1.0	3,219	1.7	2,312	2.5	907	1.0
40 – 44	4,278	2.6	2,957	3.5	1,321	1.6	4,222	2.5	2,876	3.4	1,346	1.6
45 – 49	5,625	3.9	3,667	5.0	1,958	2.8	5,739	3.9	3,735	5.0	2,004	2.8
50 – 54	6,920	5.9	4,394	7.3	2,526	4.4	7,198	5.9	4,563	7.2	2,635	4.4
55 – 59	8,457	10.1	5,360	12.3	3,097	7.6	8,635	9.6	5,455	11.8	3,180	7.3
60 – 64	9,690	15.7	6,058	19.2	3,632	12.1	9,722	15.1	6,063	18.3	3,659	11.7
65 – 69	12,681	27.4	7,421	33.1	5,260	22.0	12,545	26.1	7,402	31.5	5,143	20.9
70 – 74	12,857	40.3	6,956	46.8	5,901	34.7	13,493	40.7	7,419	48.1	6,074	34.2
75 - 79	13,053	65.0	6,557	70.8	6,496	60.1	13,813	65.9	6,934	71.8	6,879	60.9
80 +	22,212	141.1	9,517	139.5	12,695	142.3	22,328	133.3	9,621	131.9	12,707	134.5
<b>JUMLAH</b>	<b>113,714</b>	<b>4.5</b>	<b>65,243</b>	<b>5.0</b>	<b>48,471</b>	<b>3.9</b>	<b>115,084</b>	<b>4.5</b>	<b>66,210</b>	<b>5.1</b>	<b>48,874</b>	<b>3.9</b>

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

**JADUAL 2.10 : KELAHIRAN HIDUP DAN KADAR KASAR KELAHIRAN\* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2005 - 2006**

Table 2.10 : Live Births and Crude Births Rate\* by State and Sex, Malaysia, 2005 - 2006

NEGERI State	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kelahiran Live Births	Kadar Rate										
Perlis	3,920	17.7	2,001	18.3	1,919	17.1	3,870	17.3	1,991	18.1	1,879	16.5
Kedah	34,069	18.9	17,485	19.5	16,584	18.3	33,673	18.4	17,366	19.2	16,307	17.7
Pulau Pinang	22,380	15.8	11,618	16.5	10,762	15.1	21,779	15.2	11,394	16.0	10,385	14.5
Perak	36,857	16.5	18,897	16.9	17,960	16.1	36,289	16.1	18,782	16.7	17,507	15.6
Selangor <sup>1</sup>	90,286	19.8	46,677	20.0	43,609	19.5	92,006	19.8	47,663	20.1	44,343	19.5
W.P. Kuala Lumpur	24,431	16.1	12,675	16.4	11,756	15.7	24,732	16.1	12,781	16.3	11,951	15.8
Negeri Sembilan	16,692	18.0	8,636	18.2	8,056	17.7	16,431	17.5	8,488	17.7	7,943	17.2
Melaka	13,169	18.9	6,807	19.5	6,362	18.3	12,780	18.1	6,511	18.4	6,269	17.8
Johor	55,651	18.6	28,619	18.5	27,032	18.7	55,848	18.4	29,203	18.7	26,645	18.1
Pahang	25,489	18.2	13,179	18.1	12,310	18.4	24,640	17.4	12,748	17.3	11,892	17.5
Terengganu	21,900	22.1	11,160	22.1	10,740	22.0	21,807	21.6	11,112	21.6	10,695	21.6
Kelantan	34,009	22.6	17,539	23.4	16,470	21.9	33,564	22.0	17,329	22.7	16,235	21.2
Sabah	46,240	16.4	24,021	16.6	22,219	16.3	43,977	15.4	22,916	15.6	21,061	15.3
W.P. Labuan	1,495	18.1	777	18.0	718	18.2	1,567	18.7	807	18.4	760	19.0
Sarawak	42,616	18.9	22,053	19.3	20,563	18.6	42,149	18.4	21,838	18.8	20,311	18.1
<b>MALAYSIA</b>	<b>469,204</b>	<b>18.5</b>	<b>242,144</b>	<b>18.7</b>	<b>227,060</b>	<b>18.2</b>	<b>465,112</b>	<b>18.1</b>	<b>240,929</b>	<b>18.4</b>	<b>224,183</b>	<b>17.7</b>

NOTA : \* Setiap 1,000 Penduduk.  
 Note : \* Per 1,000 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 2.11 : KEMATIAN DAN KADAR KASAR KEMATIAN\* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2005 - 2006**

Table 2.11 : Deaths and Crude Death Rate\* by State and Sex, Malaysia, 2005 - 2006

NEGERI State	2005						2006					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate										
Perlis	1,451	6.5	825	7.6	626	5.6	1,459	6.5	821	7.4	638	5.6
Kedah	10,239	5.7	5,746	6.4	4,493	4.9	10,647	5.8	6,057	6.7	4,590	5.0
Pulau Pinang	7,826	5.5	4,355	6.2	3,471	4.9	7,851	5.5	4,287	6.0	3,564	5.0
Perak	14,174	6.4	8,020	7.2	6,154	5.5	14,224	6.3	7,993	7.1	6,231	5.5
Selangor <sup>1</sup>	15,147	3.3	8,745	3.7	6,402	2.9	15,268	3.3	8,987	3.8	6,281	2.8
W.P. Kuala Lumpur	5,619	3.7	3,196	4.1	2,423	3.2	5,737	3.7	3,310	4.2	2,427	3.2
Negeri Sembilan	5,153	5.5	3,034	6.4	2,119	4.7	5,172	5.5	3,027	6.3	2,145	4.7
Melaka	4,122	5.9	2,287	6.5	1,835	5.3	4,104	5.8	2,278	6.4	1,826	5.2
Johor	13,870	4.6	8,027	5.2	5,843	4.0	14,116	4.7	8,307	5.3	5,809	4.0
Pahang	6,475	4.6	3,923	5.4	2,552	3.8	6,643	4.7	4,010	5.4	2,633	3.9
Terengganu	5,297	5.3	2,963	5.9	2,334	4.8	5,328	5.3	3,088	6.0	2,240	4.5
Kelantan	8,752	5.8	4,998	6.7	3,754	5.0	8,737	5.7	4,917	6.4	3,820	5.0
Sabah	6,198	2.2	3,723	2.6	2,475	1.8	6,189	2.2	3,716	2.5	2,473	1.8
W.P. Labuan	208	2.5	127	2.9	81	2.1	203	2.4	119	2.7	84	2.1
Sarawak	9,183	4.1	5,274	4.6	3,909	3.5	9,406	4.1	5,293	4.6	4,113	3.7
<b>MALAYSIA</b>	<b>113,714</b>	<b>4.5</b>	<b>65,243</b>	<b>5.0</b>	<b>48,471</b>	<b>3.9</b>	<b>115,084</b>	<b>4.5</b>	<b>66,210</b>	<b>5.1</b>	<b>48,874</b>	<b>3.9</b>

NOTA : \* Setiap 1,000 Penduduk.

Note : \* Per 1,000 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 2.12 : KADAR TIDAK HADIR KERJA DI INDUSTRI-INDUSTRI DISEBABKAN OLEH KESAKITAN ATAU KECEDERAAN,  
 MALAYSIA, 2007**

Table 2.12. : *Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2007*

1. ANGGARAN TENAGA BEKERJA <i>Estimated Work Force</i>	5,450,943
2. JUMLAH KEHILANGAN HARI KERJA OLEH PENYAKIT/ KEMALANGAN INDUSTRI <i>Total Number of Man Days Lost Due to Illness/Industrial Accidents</i>	950,124
3. KADAR KEHILANGAN HARI KERJA BAGI TIAP-TIAP 1000 TENAGA BEKERJA <i>Rate of Man Days Lost Per 1000 Work Force</i>	174

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, 2007:  
 KOLERA DAN DISENTERI**

Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Cholera and Dysentery

NEGERI State	KOLERA <i>Cholera</i>		DISENTERI <i>Dysentery</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate
Perlis	0	0	0	0
Kedah	1	0.05	10	0.52
Pulau Pinang	2	0.13	0	0
Perak	0	0	28	1.21
Selangor	2	0.04	34	0.69
W.P. Kuala Lumpur <sup>1</sup>	2	0.12	21	1.26
Negeri Sembilan	0	0	0	0
Melaka	2	0.27	0	0
Johor	0	0	8	0.25
Pahang	0	0	0	0
Terengganu	0	0	1	0.09
Kelantan	0	0	4	0.26
Sabah <sup>2</sup>	124	3.94	18	0.57
Sarawak	0	0	22	0.92
<b>MALAYSIA</b>	<b>133</b>	<b>0.49</b>	<b>146</b>	<b>0.54</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
 Note: \* Incidence Rate per 100 000 population

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 KERACUNAN MAKANAN, TIFOID DAN VIRAL HEPATITIS A**

Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Food Poisoning, Typhoid and Viral Hepatitis A

NEGERI State	KERACUNAN MAKANAN <i>Food Poisoning</i>		TIFOID <i>Typhoid</i>		VIRAL HEPATITIS A	
	BILANGAN KES No. of Cases	KADAR KEJADIAN <i>Incidence Rate</i>	BILANGAN KES No. of Cases	KADAR KEJADIAN <i>Incidence Rate</i>	BILANGAN KES No. of Cases	KADAR KEJADIAN <i>Incidence Rate</i>
Perlis	380	163.86	0	0	0	0
Kedah	1,022	53.27	9	0.47	1	0.05
Pulau Pinang	481	31.68	16	1.05	1	0.07
Perak	3,127	135.10	21	0.91	2	0.09
Selangor	1,570	32.05	22	0.45	14	0.29
W.P. Kuala Lumpur <sup>1</sup>	188	11.27	7	0.42	8	0.48
Negeri Sembilan	87	8.89	1	0.10	0	0
Melaka	354	47.92	7	0.95	0	0
Johor	1,942	59.92	44	1.36	8	0.25
Pahang	873	58.84	17	1.15	1	0.07
Terengganu	1,274	119.30	3	0.28	0	0
Kelantan	1,416	90.74	136	8.72	3	0.19
Sabah <sup>2</sup>	1,057	33.56	36	1.14	55	1.75
Sarawak	684	28.45	6	0.25	1	0.04
<b>MALAYSIA</b>	<b>14,455</b>	<b>53.19</b>	<b>325</b>	<b>1.20</b>	<b>94</b>	<b>0.35</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 penduduk

Note: \* *Incidence Rate per 100 000 population*

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

<sup>2</sup> Termasuk W.P. Labuan / *Includes W.P. Labuan*

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 DIFTERIA, CAMPAK DAN BATUK KOKOL**

*Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Diphtheria, Measles and Whooping Cough*

NEGERI State	DIFTERIA <i>Diphtheria</i>		CAMPAK <i>Measles</i>		BATUK KOKOL <i>Whooping Cough</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN <i>Incidence Rate</i>	BILANGAN KES No. of Cases	KADAR KEJADIAN <i>Incidence Rate</i>	BILANGAN KES No. of Cases	KADAR KEJADIAN <i>Incidence Rate</i>
Perlis	0	0	67	28.89	0	0
Kedah	0	0	264	13.76	0	0
Pulau Pinang	0	0	14	0.92	1	0.07
Perak	0	0	143	6.18	0	0
Selangor	0	0	185	3.78	6	0.12
W.P. Kuala Lumpur <sup>1</sup>	0	0	28	1.68	3	0.18
Negeri Sembilan	0	0	6	0.61	0	0
Melaka	0	0	14	1.89	0	0
Johor	0	0	11	0.34	0	0
Pahang	0	0	22	1.48	0	0
Terengganu	0	0	98	9.18	0	0
Kelantan	0	0	114	7.31	3	0.19
Sabah <sup>2</sup>	2	0.06	171	5.43	2	0.06
Sarawak	0	0	69	2.87	0	0
<b>MALAYSIA</b>	<b>2</b>	<b>0.01</b>	<b>1,206</b>	<b>4.44</b>	<b>15</b>	<b>0.06</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 penduduk

Note: \* *Incidence Rate per 100 000 population*

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

<sup>2</sup> Termasuk W.P. Labuan / *Includes W.P. Labuan*

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 TETANUS (LAIN-LAIN), TETANUS NEONATORUM DAN VIRAL HEPATITIS B**

Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Tetanus (Others),  
 Tetanus Neonatorum and Viral Hepatitis B

NEGERI State	TETANUS (LAIN-LAIN) <i>Tetanus (Others)</i>		TETANUS NEONATORUM		VIRAL HEPATITIS B	
	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate
Perlis	0	0	0	0	7	3.02
Kedah	0	0	0	0	16	0.83
Pulau Pinang	1	0.07	0	0	96	6.32
Perak	1	0.04	0	0	113	4.88
Selangor	3	0.06	0	0	105	2.14
W.P. Kuala Lumpur <sup>1</sup>	0	0	0	0	38	2.28
Negeri Sembilan	0	0	0	0	8	0.82
Melaka	1	0.14	0	0	3	0.41
Johor	1	0.03	0	0	89	2.75
Pahang	0	0	0	0	220	14.83
Terengganu	0	0	0	0	35	3.28
Kelantan	0	0	0	0	80	5.13
Sabah <sup>2</sup>	11	0.35	13	0.41	228	7.24
Sarawak	4	0.17	1	0.04	41	1.71
<b>MALAYSIA</b>	<b>22</b>	<b>0.08</b>	<b>14</b>	<b>0.05</b>	<b>1,079</b>	<b>3.97</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 penduduk

Note: \* Incidence Rate per 100 000 population

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 VIRAL HEPATITIS C, OTHER SPECIFIED VIRAL HEPATITIS DAN ALL VIRAL HEPATITIS**

Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Viral Hepatitis C, Other Specified Viral Hepatitis and All Viral Hepatitis

NEGERI State	VIRAL HEPATITIS C		OTHER SPECIFIED VIRAL HEPATITIS		ALL VIRAL HEPATITIS	
	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	1	0.43	0	0	8	3.45
Kedah	20	1.04	2	0.10	39	2.03
Pulau Pinang	67	4.41	2	0.13	166	10.93
Perak	187	8.08	0	0	302	13.05
Selangor	28	0.57	2	0.04	149	3.04
W.P. Kuala Lumpur <sup>1</sup>	17	1.02	2	0.12	65	3.90
Negeri Sembilan	22	2.25	2	0.20	32	3.27
Melaka	27	3.65	0	0	30	4.06
Johor	177	5.46	4	0.12	278	8.58
Pahang	714	48.13	3	0.20	938	63.22
Terengganu	27	2.53	1	0.09	63	5.90
Kelantan	107	6.86	1	0.06	191	12.24
Sabah <sup>2</sup>	14	0.44	6	0.19	303	9.62
Sarawak	4	0.17	0	0	46	1.91
<b>MALAYSIA</b>	<b>1,412</b>	<b>5.20</b>	<b>25</b>	<b>0.09</b>	<b>2,610</b>	<b>9.60</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 penduduk  
 Note: \* Incidence Rate per 100 000 population

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 DEMAM DENGGI DAN DEMAM DENGGI BERDARAH**

Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Dengue Fever and Dengue Haemorrhagic Fever

NEGERI State	DEMAM DENGGI <i>Dengue Fever</i>		DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate
Perlis	173	74.60	0	0
Kedah	1,172	61.08	6	0.31
Pulau Pinang	1,508	99.31	19	1.25
Perak	1,795	77.55	50	2.16
Selangor	7,307	149.17	405	8.27
W.P. Kuala Lumpur <sup>1</sup>	1,924	115.37	255	15.29
Negeri Sembilan	804	82.19	50	5.11
Melaka	412	55.77	36	4.87
Johor	2,000	61.71	142	4.38
Pahang	1,944	131.03	43	2.90
Terengganu	1,232	115.37	47	4.40
Kelantan	1,543	98.88	250	16.02
Sabah <sup>2</sup>	1,117	35.46	16	0.51
Sarawak	379	15.76	5	0.21
<b>MALAYSIA</b>	<b>23,310</b>	<b>85.78</b>	<b>1,324</b>	<b>4.87</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
 Note: \* Incidence Rate per 100 000 population

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 MALARIA DAN TIFUS**

Table 3.1. : *Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Malaria and Typhus*

NEGERI State	MALARIA <i>Malaria</i>		TIFUS <i>Typhus</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN <i>Incidence Rate</i>	BILANGAN KES No. of Cases	KADAR KEJADIAN <i>Incidence Rate</i>
Perlis	5	2.16	0	0
Kedah	100	5.21	0	0
Pulau Pinang	54	3.56	3	0.20
Perak	229	9.89	1	0.04
Selangor	330	6.74	0	0
W.P. Kuala Lumpur <sup>1</sup>	15	0.90	0	0
Negeri Sembilan	26	2.66	2	0.20
Melaka	16	2.17	0	0
Johor	111	3.42	3	0.09
Pahang	112	7.55	0	0
Terengganu	30	2.81	0	0
Kelantan	78	5.00	0	0
Sabah <sup>2</sup>	1,159	36.79	0	0
Sarawak	3,191	132.73	0	0
<b>MALAYSIA</b>	<b>5,456</b>	<b>20.08</b>	<b>9</b>	<b>0.03</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
 Note: \* *Incidence Rate per 100 000 population*

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

<sup>2</sup> Termasuk W.P. Labuan / *Includes W.P. Labuan*

PETUNJUK KESIHATAN NO: 3.1.  
*Health Indicator No: 3.1.*

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 KUSTA DAN TIBI**

Table 3.1. : *Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Leprosy and Tuberculosis*

NEGERI State	KUSTA <i>Leprosy</i>		TIBI <i>Tuberculosis</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate
Perlis	0	0	112	48.30
Kedah	4	0.21	812	42.32
Pulau Pinang	9	0.59	880	57.95
Perak	6	0.26	1,210	52.28
Selangor	31	0.63	2,484	50.71
W.P. Kuala Lumpur <sup>1</sup>	31	1.86	1,253	75.13
Negeri Sembilan	4	0.41	395	40.38
Melaka	0	0	349	47.24
Johor	9	0.28	1,591	49.09
Pahang	11	0.74	723	48.73
Terengganu	6	0.56	661	61.90
Kelantan	11	0.70	1,265	81.06
Sabah <sup>2</sup>	74	2.35	3,478	110.42
Sarawak	7	0.29	1,705	70.92
<b>MALAYSIA</b>	<b>203</b>	<b>0.75</b>	<b>16,918</b>	<b>62.26</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk

Note: \* *Incidence Rate per 100 000 population*

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

<sup>2</sup> Termasuk W.P. Labuan / *Includes W.P. Labuan*

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 CHANCROID, GONORRHOEA DAN SIFILIS**

Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: Chancroid, Gonorrhoea and Syphilis

NEGERI State	CHANCROID		GONORRHOEA		SIFILIS <i>Syphilis</i>	
	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate
Perlis	0	0	1	0.43	8	3.45
Kedah	0	0	13	0.68	13	0.68
Pulau Pinang	0	0	18	1.19	85	5.60
Perak	0	0	10	0.43	23	0.99
Selangor	0	0	50	1.02	85	1.74
W.P. Kuala Lumpur <sup>1</sup>	0	0	67	4.02	67	4.02
Negeri Sembilan	0	0	5	0.51	24	2.45
Melaka	0	0	7	0.95	27	3.65
Johor	0	0	80	2.47	70	2.16
Pahang	0	0	26	1.75	66	4.45
Terengganu	0	0	5	0.47	12	1.12
Kelantan	0	0	26	1.67	15	0.96
Sabah <sup>2</sup>	1	0.03	137	4.35	167	5.30
Sarawak	0	0	207	8.61	205	8.53
<b>MALAYSIA</b>	<b>1</b>	<b>0.0</b>	<b>652</b>	<b>2.40</b>	<b>867</b>	<b>3.19</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 penduduk

Note: \* Incidence Rate per 100 000 population

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
HIV & AIDS**

Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007: HIV & AIDS

NEGERI State	HIV		AIDS	
	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate
Perlis	54	23.29	28	12.07
Kedah	406	21.16	28	1.46
Pulau Pinang	258	16.99	64	4.21
Perak	272	11.75	110	4.75
Selangor	723	14.76	174	3.55
W.P. Kuala Lumpur <sup>1</sup>	345	20.69	225	13.49
Negeri Sembilan	141	14.41	93	9.51
Melaka	136	18.41	10	1.35
Johor	605	18.67	114	3.52
Pahang	400	26.96	55	3.71
Terengganu	322	30.15	48	4.49
Kelantan	670	42.93	52	3.33
Sabah <sup>2</sup>	132	4.19	58	1.84
Sarawak	113	4.70	73	3.04
<b>MALAYSIA</b>	<b>4,577</b>	<b>16.84</b>	<b>1,132</b>	<b>4.17</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk

Note: \* Incidence Rate per 100 000 population

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

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

PETUNJUK KESIHATAN NO: 3.1.

*Health Indicator No: 3.1.*

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN\* PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 PENYAKIT TANGAN, KAKI DAN MULUT DAN VIRAL ENSEFALITIS**

Table 3.1. : Number of Cases and Incidence Rate\* of Communicable Diseases by State, Malaysia, 2007:  
 Hand, Foot and Mouth Diseases and Viral Encephalitis

NEGERI State	PENYAKIT TANGAN, KAKI DAN MULUT Hand, Foot and Mouth Diseases (HFMD)		VIRAL ENSEFALITIS Viral Encephalitis	
	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate	BILANGAN KES No. of Cases	KADAR KEJADIAN Incidence Rate
Perlis	40	17.25	0	0
Kedah	773	40.29	1	0.05
Pulau Pinang	1,220	80.34	0	0
Perak	517	22.34	1	0.04
Selangor	2,407	49.14	3	0.06
W.P. Kuala Lumpur <sup>1</sup>	412	24.70	0	0
Negeri Sembilan	102	10.43	0	0
Melaka	260	35.19	0	0
Johor	630	19.44	4	0.12
Pahang	628	42.33	2	0.13
Terengganu	633	59.28	1	0.09
Kelantan	149	9.55	1	0.06
Sabah <sup>2</sup>	129	4.10	2	0.06
Sarawak	4,658	193.74	15	0.62
<b>MALAYSIA</b>	<b>12,558</b>	<b>46.21</b>	<b>30</b>	<b>0.11</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk

Note: \* Incidence Rate per 100 000 population

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

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**NOTA :**

Tiada kejadian kes dilaporkan bagi Penyakit Berjangkit berikut pada tahun 2007 :-

- Plague
- Poliomelitis
- Rabies
- Relapsing Fever
- Demam Kuning
- Ebola

**Note :**

No incidence of cases were reported for the following Communicable Diseases in 2007 :-

- *Plague*
- *Poliomyelitis*
- *Rabies*
- *Relapsing Fever*
- *Yellow Fever*
- *Ebola*

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"DISEASES OF THE CIRCULATORY SYSTEM"**

Table 3.2. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Circulatory System

Detailed Cause Groups ( Diseases of the Circulatory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b> Acute rheumatic fever Chronic rheumatic heart diseases	I00-I09 I00-I02 I05-I09	3,311 358 2,953	12.18 1.32 10.87
<b>HYPERTENSIVE DISEASE</b> Essential (primary) hypertension Hypertensive heart disease Hypertensive renal disease Hypertensive heart and renal disease Secondary hypertension	I10-I15 I10 I11 I12 I13 I15	34,178 30,491 2,015 526 157 989	125.78 112.21 7.42 1.94 0.58 3.64
<b>ISCHAEMIC HEART DISEASE</b> Angina pectoris Acute myocardial infarction Remainder of ischaemic heart disease	I20-I25 I20 I21 Remainder of I20-I25	45,175 22,816 11,423 10,936	166.25 83.96 42.04 40.24
<b>DISEASES OF PULMONARY CIRCULATION &amp; OTHER FORMS OF HEART DISEASES</b> Pulmonary embolism Acute pericarditis Acute and subacute endocarditis Acute myocarditis Cardiac arrest Conduction disorders and cardiac arrhythmias Heart Failure Remainder of diseases of pulmonary circulation and other forms of heart diseases	I26-I52 I26 I30 I33 I40 I46 I44-I45, I47-I49 I50 Remainder of I26-I52	26,590 438 25 334 59 563 6,605 13,867 4,699	97.85 1.61 0.09 1.23 0.22 2.07 24.31 51.03 17.29

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:****"DISEASES OF THE CIRCULATORY SYSTEM" (SAMBUNGAN)**

Table 3.2. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Circulatory System (Cont'd)

Detailed Cause Groups ( Diseases of the Circulatory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>CEREBRO-VASCULAR DISEASE</b>	<b>I60-I69</b>	<b>20,835</b>	<b>76.67</b>
Subarachnoid haemorrhage	I60	434	1.60
Intracerebral haemorrhage	I61	2,152	7.92
Cerebral infarction	I63	1,356	4.99
Stroke, not specified as haemorrhage or infarction	I64	14,271	52.52
Remainder of cerebro-vascular disease	Remainder of I60-I69	2,622	9.65
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>	<b>9,439</b>	<b>34.74</b>
Atherosclerosis	I70	50	0.18
Aortic aneurysm and dissection	I71	700	2.58
Other aneurysm	I72	439	1.62
Arterial embolism and thrombosis	I74	106	0.39
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	473	1.74
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	587	2.16
Varicose veins of lower extremities	I83	461	1.70
Haemorrhoids	I84	3,162	11.64
Oesophageal varices	I85	751	2.76
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	2,710	9.97
<b>JUMLAH / Total</b>		<b>139,528</b>	<b>513.47</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, 2007:  
"DISEASES OF NEOPLASMS"**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Neoplasms

Detailed Cause Groups ( Diseases of Neoplasms )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	C00-C14 C00-C14	4,382 4,382	16.13 16.13
<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	C15-C26 C15 C16 C18 C19-C21 C22 C25 Remainder of C15-C26	15,035 837 1,526 4,611 4,922 1,846 837 456	55.33 3.08 5.62 16.97 18.11 6.79 3.08 1.68
<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	C30-C39 C32 C33-C34 Remainder of C30-C39	6,661 568 5,871 222	24.51 2.09 21.61 0.82
<b>MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST</b> Malignant 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	C40-C50 C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	10,368 863 363 869 8,273 0	38.15 3.18 1.34 3.20 30.44 0

**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:****"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Neoplasms (Cont'd)

<b>Detailed Cause Groups ( Diseases of Neoplasms )</b>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)</b>
<b>MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT</b>	<b>C51-C68</b>	<b>10,121</b>	<b>37.25</b>
Malignant neoplasm of cervix uteri	C53	3,069	11.29
Malignant neoplasm of other and unspecified part of uterus	C54-C55	909	3.35
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	3,113	11.46
Malignant neoplasm of prostate	C61	849	3.12
Malignant neoplasm of bladder	C67	1,238	4.56
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	943	3.47
<b>MALIGNANT NEOPLASM OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>	<b>C69-C72</b>	<b>1,496</b>	<b>5.51</b>
Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72	1,496	5.51
<b>MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS</b>	<b>C73-C75</b>	<b>1,577</b>	<b>5.80</b>
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	1,577	5.80
<b>MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b>	<b>C76-C80</b>	<b>3,067</b>	<b>11.29</b>
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	3,067	11.29
<b>MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b>	<b>C81-C96</b>	<b>10,597</b>	<b>39.00</b>
Hodgkin's disease	C81	534	1.97
Non-Hodgkin's disease	C82-C85	3,224	11.86
Leukaemia	C91-C95	6,147	22.62
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	692	2.55

PETUNJUK KESIHATAN NO: 3.3.

*Health Indicator No: 3.3.*

**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:**

**"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Neoplasms (Cont'd)

Detailed Cause Groups ( Diseases of Neoplasms )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasm of independent (primary) multiple sites	C97	143	0.53
	C97	143	0.53
<b>IN SITU NEOPLASMS</b> In situ neoplasms	D00-D09 D00-D09	439 439	1.62 1.62
<b>BENIGN NEOPLASMS</b> Benign neoplasms of skin Benign neoplasms of breast Leiomyoma of uterus Remainder of benign neoplasms	D10-D36 D22-D23 D24 D25 Remainder of D10-D36	8,974 209 1,194 2,356 5,215	33.02 0.77 4.39 8.67 19.19
<b>NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	D37-D48 D37-D48	4,621 4,621	17.01 17.01
<b>JUMLAH / Total</b>		<b>77,481</b>	<b>285.13</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, 2007:  
"ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES"**

Table 3.4. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Endocrine, Nutritional and Metabolic Diseases

Detailed Cause Groups (Endocrine, Nutritional and Metabolic Diseases)	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>	<b>64,760</b>	<b>238.32</b>
Iodine deficiency-related thyroid disorders	E00-E02	64	0.24
Thyrotoxicosis (hyperthyroidism)	E05	1,339	4.93
Hypoparathyroidism	E20	22	0.08
Diabetes mellitus	E10-E14	42,324	155.75
Kwashiokor	E40	5	0.02
Other malnutrition conditions	E41-E46	137	0.50
Other nutritional deficiencies	E50-E64	96	0.35
Obesity	E66	95	0.35
Remainder of obesity and other hyperalimentation	E65, E67-E68	6	0.02
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	20,672	76.07
<b>JUMLAH / Total</b>		<b>64,760</b>	<b>238.32</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, 2007:  
"DISEASES OF THE RESPIRATORY SYSTEM"**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Respiratory System

Detailed Cause Groups ( Diseases of the Respiratory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>DISEASES OF THE UPPER RESPIRATORY TRACT</b>	<b>J00-J06</b>	<b>26,526</b>	<b>97.62</b>
Acute nasopharyngitis	J00	31	0.11
Acute sinusitis	J01	60	0.22
Acute pharyngitis	J02	4,666	17.17
Acute tonsillitis	J03	8,629	31.75
Acute laryngitis and tracheitis	J04	95	0.35
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	13,045	48.01
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J10-J22</b>	<b>54,620</b>	<b>201.00</b>
Influenza	J10-J11	177	0.65
Viral pneumonia, not elsewhere classified	J12	1,206	4.44
Other pneumonia	J13-J18	44,959	165.45
Acute bronchitis	J20	348	1.28
Acute bronchiolitis	J21	7,854	28.90
Unspecified acute lower respiratory infections	J22	76	0.28
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>	<b>4,812</b>	<b>17.71</b>
Chronic sinusitis	J32	887	3.26
Chronic diseases of tonsils and adenoids	J35	1,656	6.09
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	2,269	8.35

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:**

"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Respiratory System (Cont'd)

Detailed Cause Groups ( Diseases of the Respiratory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>CHRONIC LOWER RESPIRATORY DISEASE</b> Chronic bronchitis Emphysema Other chronic obstructive pulmonary disease Asthma Bronchiectasis Other chronic lower respiratory tract diseases	<b>J40-J47</b> J40 J43 J44 J45-J46 J47 J41-J42	<b>46,644</b> 1,028 106 16,917 27,055 1,504 34	<b>171.65</b> 3.78 0.39 62.26 99.56 5.53 0.13
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b> Pneumoconiosis Other lung diseases due to external agents	<b>J60-J70</b> J60-J65 J66-J70	<b>1,911</b> 59 1,852	<b>7.03</b> 0.22 6.82
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b> Pulmonary oedema Remainder of other respiratory diseases principally affecting the interstitium	<b>J80-J84</b> J81 Remainder of J80-J84	<b>3,546</b> 3,038 508	<b>13.05</b> 11.18 1.87
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b> Suppurative and necrotic conditions of lower respiratory tract	<b>J85-J86</b> J85-J86	<b>748</b> 748	<b>2.75</b> 2.75

PETUNJUK KESIHATAN NO: 3.5.  
Health Indicator No: 3.5.

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:**

**"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Respiratory System (Cont'd)

Detailed Cause Groups ( Diseases of the Respiratory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>OTHER DISEASES OF PLEURA</b> Pleural effusion, not elsewhere classified Pneumothorax Remainder of other diseases of pleura	<b>J90-J94</b> J90 J93 Remainder of J90-J94	<b>3,016</b> 2,026 826 164	<b>11.10</b> 7.46 3.04 0.60
<b>OTHER DISEASES OF THE RESPIRATORY SYSTEM</b> Respiratory failure, not elsewhere classified Remainder of other diseases of the respiratory system	<b>J95-J99</b> J96 Remainder of J95-J99	<b>3,202</b> 386 2,816	<b>11.78</b> 1.42 10.36
<b>JUMLAH / Total</b>		<b>145,025</b>	<b>533.70</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, 2007:  
"DISEASES OF THE DIGESTIVE SYSTEM"**

Table 3.6. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Digestive System

Detailed Cause Groups ( Diseases of the Digestive System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<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>4,015</b> 1,116 197 635 2,067	<b>14.78</b> 4.11 0.72 2.34 7.61
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b> Diseases of oesophagus Gastric ulcer Dodenal ulcer Peptic ulcer, site unspecified Gastrojejunal ulcer Gastritis and duodenitis Remainder of diseases of oesophagus, stomach and duodenum	<b>K20-K31</b> K20-K22 K25 K26 K27 K28 K29 Remainder of K20-K31	<b>24,632</b> 2,484 1,993 785 2,442 104 15,849 975	<b>90.65</b> 9.14 7.33 2.89 8.99 0.38 58.32 3.59
<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>20,802</b> 18,149 198 2,061 394	<b>76.55</b> 66.79 0.73 7.58 1.45
<b>HERNIA</b> Inguinal hernia Other hernias	<b>K40-K46</b> K40 K41-K46	<b>12,469</b> 10,192 2,277	<b>45.89</b> 37.51 8.38

**JADUAL 3.6. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:**

**"DISEASES OF THE DIGESTIVE SYSTEM" (SAMBUNGAN)**

Table 3.6. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Digestive System (Cont'd)

Detailed Cause Groups ( Diseases of the Digestive System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	<b>K50-K67</b>	<b>17,188</b>	<b>63.25</b>
Crohn's disease and ulcerative colitis	K50-K51	236	0.87
Other noninfective gastroenteritis and colitis	K52	4,125	15.18
Paralytic ileus and intestinal obstruction without hernia	K56	3,280	12.07
Diverticular diseases of intestine	K57	628	2.31
Fissure and fistula of anal and rectal regions	K60	969	3.57
Abscess of anal and rectal regions	K61	1,394	5.13
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	4,668	17.18
Peritonitis	K65	662	2.44
Other disorders of peritoneum	K66-K67	1,226	4.51
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	<b>K70-K93</b>	<b>25,032</b>	<b>92.12</b>
Alcoholic liver disease	K70	550	2.02
Hepatic failure, not elsewhere classified	K72	991	3.65
Chronic hepatitis, not elsewhere classified	K73	52	0.19
Fibrosis and cirrhosis of liver	K74	1,525	5.61
Cholelithiasis	K80	5,314	19.56
Cholecystitis	K81	2,174	8.00
Acute pancreatitis	K85	1,690	6.22
Remainder of other diseases of the digestive system	Remainder of K70-K93	12,736	46.87
<b>JUMLAH / Total</b>		<b>104,138</b>	<b>383.23</b>

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

PETUNJUK KESIHATAN NO: 3.7.

*Health Indicator No: 3.7.*

**JADUAL 3.7. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:**

**"DISEASES OF THE GENITO-URINARY SYSTEM"**

Table 3.7. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Genito-Urinary System

Detailed Cause Groups ( Diseases of the Genito-Urinary System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<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>6,151</b> 1,788 152 3,273 938	<b>22.64</b> 6.58 0.56 12.04 3.45
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b> Renal tubulo-interstitial diseases	<b>N10-N16</b> N10-N16	<b>4,243</b> 4,243	<b>15.61</b> 15.61
<b>RENAL FAILURE</b> Acute renal failure Chronic renal failure Unspecified renal failure	<b>N17-N19</b> N17 N18 N19	<b>29,026</b> 2,216 25,456 1,354	<b>106.82</b> 8.15 93.68 4.98
<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>30,550</b> 8,266 3,020 1,355 441 111 519 16,838	<b>112.42</b> 30.42 11.11 4.99 1.62 0.41 1.91 61.96

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, 2007:  
"DISEASES OF THE GENITO-URINARY SYSTEM" (SAMBUNGAN)**

Table 3.7. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Genito-Urinary System (Cont'd)

Detailed Cause Groups ( Diseases of the Genito-Urinary System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>DISEASES OF MALE GENITAL ORGANS</b> Hyperplasia of prostate Hydrocele and spermatocele Orchitis and epididymitis Male infertility Redundant prepuce, phimosis and paraphimosis Remainder of Diseases of Male Genital Organs	<b>N40-N51</b> N40 N43 N45 N46 N47 Remainder of N40-N51	<b>7,612</b> 2,686 1,063 1,365 11 904 1,583	<b>28.01</b> 9.88 3.91 5.02 0.04 3.33 5.83
<b>DISORDERS OF BREAST</b> Disorders of breast	<b>N60-N64</b> N60-N64	<b>3,702</b> 3,702	<b>13.62</b> 13.62
<b>DISORDERS OF FEMALE GENITAL ORGANS</b> Salpingitis and oophoritis Inflammatory disease of uterus, except cervix Inflammatory disease of cervix uteri Other inflammatory diseases of female pelvic organs Endometriosis Female genital prolapse Erosion and ectropian of cervix uteri Disorders of menstruation Menopausal and other perimenopausal disorders Female infertility Remainder of disorders of female genital organs	<b>N70-N99</b> N70 N71 N72 N73-N77 N80 N81 N86 N91-N92 N95 N97 Remainder of N70-N99	<b>19,125</b> 568 568 39 2,089 1,396 850 84 5,135 642 674 7,080	<b>70.38</b> 2.09 2.09 0.14 7.69 5.14 3.13 0.31 18.90 2.36 2.48 26.05
<b>JUMLAH / Total</b>		<b>100,409</b>	<b>369.51</b>

**JADUAL 3.8. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:****"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD"**

Table 3.8. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Certain Conditions Originating in the Perinatal Period

<b>Detailed Cause Groups ( Diseases of Certain Conditions Originating in the Perinatal Period )</b>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)</b>
<b>FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY</b> Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	P00-P04	4,657	17.14
	P00-P04	4,657	17.14
<b>DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH</b> Slow fetal growth and fetal malnutrition Disorders related to short gestation and low birth weight, not elsewhere classified Disorders related to long gestation and high birth weight	P05-P08  P05-P08 P07  P08	13,494  2,215 10,675  604	49.66  8.15 39.28  2.22
<b>BIRTH TRAUMA</b> Birth trauma	P10-P15  P10-P15	1,149  1,149	4.23  4.23
<b>RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD</b> Intrauterine hypoxia and birth asphyxia Respiratory distress of newborn Neonatal aspiration syndrome Remainder of respiratory and cardiovascular disorders specific to the perinatal period	P20-P29  P20-P21 P22 P24 Remainder of P20-P29	14,783  3,793 4,436 2,608 3,946	54.40  13.96 16.32 9.60 14.52
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	P35-P39  P35-P39	11,658  11,658	42.90  42.90

**JADUAL 3.8. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD" (SAMBUNGAN)**

Table 3.8. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Certain Conditions Originating in the Perinatal Period (Cont'd)

Detailed Cause Groups ( Diseases of Certain Conditions Originating in the Perinatal Period )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN</b> Haemolytic disease of fetus and newborn Neonatal jaundice Remainder of haemorrhage and haematological disorders of fetus and newborn	P50-P61  P55 P58-P59 Remainder of P50-P61	75,282  898 73,358 1,026	277.04  3.30 269.96 3.78
<b>OTHER DISORDERS OF FETUS AND NEWBORN</b> Transitory endocrine and metabolic disorders specific to fetus and newborn Digestive system disorders of fetus and newborn Conditions involving integument and temperature regulation of fetus and newborn Convulsion of newborn Feeding problems of newborn Remainder of other disorders of fetus and newborn	P70-P96  P70-P74 P75-P78 P80-P83  P90 P92 Remainder of P70-P96	10,954  8,451 924 673  168 340 398	40.31  31.10 3.40 2.48  0.62 1.25 1.46
<b>JUMLAH / Total</b>		<b>131,977</b>	<b>485.68</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, 2007:  
 "DISEASES EXTERNAL CAUSES"**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of External Causes (Cont'd)

Detailed Cause Groups <i>( Diseases of External Causes )</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN DISCAJ <i>No. of Discharges</i>	KADAR DISCAJ (SETIAP <i>100 000 PENDUDUK</i> ) <i>Discharge Rate (Per      100 000 Population)</i>
<b>TRANSPORT ACCIDENTS</b>	<b>V01-V99</b>	<b>84,504</b>	<b>310.98</b>
Pedestrian injured in transport accident	V01-V09	897	3.30
Pedal cyclist injured in transport accident	V10-V19	1,068	3.93
Motorcycle Pedestrian injured in transport accident	V20-V29	15,509	57.07
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	59	0.22
Car occupant injured in transport accident	V40-V49	1,843	6.78
Occupant of pick-up truck or van injured in transport accident	V50-V59	234	0.86
Occupant of heavy transport vehicle injured in transport accident	V60-V69	191	0.70
Bus occupant injured in transport accident	V70-V79	46	0.17
Other land transport accidents	V80-V89	64,618	237.80
Water transport accidents	V90-V94	27	0.10
Air and space transport accidents	V95-V97	1	0.00
Other and unspecified transport accidents	V98-V99	11	0.04
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>	<b>W00-X59</b>	<b>87,990</b>	<b>323.81</b>
Falls	W00-W19	36,606	134.71
Exposure to inanimate mechanical factors	W20-W49	13,753	50.61
Exposure to animate mechanical factors	W50-W64	2,090	7.69
Accidental drowning and submersion	W65-W74	254	0.93
Other accidental threats to breathing	W75-W84	256	0.94
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	540	1.99
Exposure to smoke, fire and flames	X00-X09	1,547	5.69
Contact with heat and hot substances	X10-X19	1,425	5.24
Contact with venomous animals and plants	X20-X29	8,049	29.62
Exposure to forces of nature	X30-X39	124	0.46
Accidental poisoning by and exposure to noxious substances	X40-X49	5,610	20.64
Overexertion, travel and privation	X50-X57	80	0.29
Accidental exposure to other and unspecified factors	X58-X59	17,656	64.97

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
 "DISEASES EXTERNAL CAUSES" (SAMBUNGAN)**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of External Causes (Cont'd)

Detailed Cause Groups ( Diseases of External Causes )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN DISCAJ No. of Discharges	KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	X60-X84 X60-X84	3,061 3,061	11.26 11.26
<b>ASSAULT</b> Assault	X85-Y09 X85-Y09	6,240 6,240	22.96 22.96
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	Y10-Y34 Y10-Y34	4,753 4,753	17.49 17.49
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	Y35-Y36 Y35-Y36	9 9	0.03 0.03
<b>COMPLICATIONS OF MEDICAL AND SURGICAL CARE</b> Drugs, medicaments and biological substances causing adverse effects in therapeutic use Misadventures to patients during surgical and medical care Medival devices associated with adverse incidents in diagnostic and therapeutic use Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	Y40-Y84 Y40-Y59  Y60-Y69 Y70-Y82  Y83-Y84	5,087 1,288  364 62  3,373	18.72 4.74  1.34 0.23  12.41

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
 "DISEASES EXTERNAL CAUSE" (SAMBUNGAN)**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of External Causes (Cont'd)

Detailed Cause Groups <i>( Diseases of External Causes )</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN DISCAJ <i>No. of Discharges</i>	KADAR DISCAJ (SETIAP <i>100 000 PENDUDUK)</i> <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	Y85-Y89 Y85-Y89	443 443	1.63 1.63
<b>SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY  AND MORTALITY CLASSIFIED ELSEWHERE</b> Supplementary Factors Related to Causes of Morbidity and Mortality Classified	Y90-Y98 Y90-Y98	177 177	0.65 0.65
<b>JUMLAH / Total</b>		<b>192,264</b>	<b>707.54</b>

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

PETUNJUK KESIHATAN NO: 3.10.  
*Health Indicator No: 3.10.*

**JADUAL 3.10. : KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2003 - 2007**

Table 3.10. : *Incidence Rate of Motor Vehicle Accidents, Malaysia, 2003 - 2007*

PERKARA <i>Subject</i>	2003	2004	2005	2006	2007
1. BILANGAN KECEDERAAN YANG DISEBABKAN OLEH KEMALANGAN KENDERAAN BERMOTOR <i>Number of Casualties Due to Motor Vehicle Accidents</i>	52,741	54,091	47,012	35,425	33,999
2. BILANGAN KEMALANGAN KENDERAAN BERMOTOR <i>Number of Motor Vehicle Accidents</i>	298,653	326,815	328,264	341,252	363,319
3. ANGGARAN PENDUDUK ('000) <i>Estimated Population ('000)</i>	25,048.3	25,580.9	26,127.7	26,640.1	27,173.6
4. KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR BAGI TIAP-TIAP 10 000 PENDUDUK <i>Incidence Rate of Motor Vehicle Accidents per 10 000 population</i>	119.23	127.76	125.64	128.10	133.70

PUNCA : POLIS DIRAJA MALAYSIA.  
Source : *Royal Malaysian Police.*

PETUNJUK KESIHATAN NO: 3.11.  
*Health Indicator No: 3.11.*

**JADUAL 3.11. : KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2007.**

*Table 3.11. : Incidence Rate of Industrial Accidents, Malaysia, 2007.*

1.	BILANGAN KECEDERAAN YANG DISEBABKAN OLEH KEMALANGAN INDUSTRI <i>Number of Casualties Due to Industrial Accidents</i>	56,339
2.	ANGGARAN TENAGA BEKERJA <i>Estimated Workforce</i>	5,450,943
3.	KADAR KEJADIAN KEMALANGAN PERUSAHAAN BAGI TIAP-TIAP 100 000 TENAGA BEKERJA PENDUDUK <i>Incidence Rate of Industrial Accidents per 100 000 Workforce</i>	1,034

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR\* KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 KOLERA DAN DISENTERI**

Table 3.12. : Number and Mortality Rate\* of Communicable Diseases by State, Malaysia, 2007: Cholera and Dysentery

NEGERI State	KOLERA Cholera		DISENTERI Dysentery	
	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate
Perlis	0	0	0	0
Kedah	0	0	0	0
Pulau Pinang	0	0	0	0
Perak	0	0	1	0.04
Selangor	0	0	0	0
W.P. Kuala Lumpur <sup>1</sup>	1	0.06	0	0
Negeri Sembilan	0	0	0	0
Melaka	0	0	0	0
Johor	0	0	0	0
Pahang	0	0	0	0
Terengganu	0	0	0	0
Kelantan	0	0	0	0
Sabah <sup>2</sup>	1	0.03	0	0
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>2</b>	<b>0.01</b>	<b>1</b>	<b>0.00</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 penduduk

Note: \* Mortality Rate per 100 000 population

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

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR\* KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 KERACUNAN MAKANAN DAN TIFOID**

Table 3.12. : Number and Mortality Rate\* of Communicable Diseases by State, Malaysia, 2007: Food Poisoning and Typhoid

NEGERI State	KERACUNAN MAKANAN <i>Food Poisoning</i>		TIFOID <i>Typhoid</i>	
	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate
Perlis	0	0	0	0
Kedah	0	0	0	0
Pulau Pinang	0	0	0	0
Perak	0	0	1	0.04
Selangor	1	0.02	1	0.02
W.P. Kuala Lumpur <sup>1</sup>	0	0	0	0
Negeri Sembilan	0	0	0	0
Melaka	0	0	0	0
Johor	0	0	1	0.03
Pahang	0	0	0	0
Terengganu	0	0	0	0
Kelantan	0	0	1	0.06
Sabah <sup>2</sup>	0	0	2	0.06
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>1</b>	<b>0.00</b>	<b>6</b>	<b>0.02</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 penduduk

Note: \* Mortality Rate per 100 000 population

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

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR\* KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 TETANUS (LAIN-LAIN) DAN VIRAL HEPATITIS B**

Table 3.12. : Number and Mortality Rate\* of Communicable Diseases by State, Malaysia, 2007: Tetanus (Others) and  
 Viral Hepatitis B

NEGERI State	TETANUS (LAIN-LAIN) Tetanus (Others)		VIRAL HEPATITIS B	
	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate
Perlis	0	0	1	0.43
Kedah	0	0	0	0
Pulau Pinang	1	0.07	0	0
Perak	0	0	0	0
Selangor	0	0	0	0
W.P. Kuala Lumpur <sup>1</sup>	0	0	2	0.12
Negeri Sembilan	0	0	0	0
Melaka	0	0	0	0
Johor	0	0	1	0.03
Pahang	0	0	9	0.61
Terengganu	0	0	0	0
Kelantan	0	0	3	0.19
Sabah <sup>2</sup>	0	0	2	0.06
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>1</b>	<b>0.00</b>	<b>18</b>	<b>0.07</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 penduduk

Note: \* Mortality Rate per 100 000 population

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

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR\* KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 VIRAL HEPATITIS C DAN ALL VIRAL HEPATITIS**

Table 3.12. : Number and Mortality Rate\* of Communicable Diseases by State, Malaysia, 2007: Viral Hepatitis C and All Viral Hepatitis

NEGERI State	VIRAL HEPATITIS C		ALL VIRAL HEPATITIS	
	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate
Perlis	0	0	1	0.43
Kedah	0	0	0	0
Pulau Pinang	0	0	0	0
Perak	2	0.09	2	0.09
Selangor	0	0	0	0
W.P. Kuala Lumpur <sup>1</sup>	0	0	2	0.12
Negeri Sembilan	1	0.10	1	0.10
Melaka	0	0	0	0
Johor	4	0.12	5	0.15
Pahang	15	1.01	24	1.62
Terengganu	1	0.09	1	0.09
Kelantan	2	0.13	5	0.32
Sabah <sup>2</sup>	1	0.03	3	0.10
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>26</b>	<b>0.10</b>	<b>44</b>	<b>0.16</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 penduduk  
 Note: \* Mortality Rate per 100 000 population

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR\* KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 DEMAM DENGGI, DEMAM DENGGI BERDARAH DAN MALARIA**

Table 3.12. : Number and Mortality Rate\* of Communicable Diseases by State, Malaysia, 2007: Dengue Fever,  
 Dengue Haemorrhagic Fever and Malaria

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	0	0
Kedah	0	0	3	0.16	1	0.05
Pulau Pinang	1	0.07	2	0.13	0	0
Perak	0	0	3	0.13	1	0.04
Selangor	2	0.04	24	0.49	3	0.06
W.P. Kuala Lumpur <sup>1</sup>	1	0.06	22	1.32	0	0
Negeri Sembilan	0	0	0	0	0	0
Melaka	0	0	1	0.14	0	0
Johor	0	0	9	0.28	1	0.03
Pahang	0	0	4	0.27	0	0
Terengganu	1	0.09	2	0.19	0	0
Kelantan	0	0	0	0	0	0
Sabah <sup>2</sup>	0	0	6	0.19	3	0.10
Sarawak	0	0	1	0.04	9	0.37
<b>MALAYSIA</b>	<b>5</b>	<b>0.02</b>	<b>77</b>	<b>0.28</b>	<b>18</b>	<b>0.07</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 penduduk  
 Note: \* Mortality Rate per 100 000 population

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

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR\* KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 TIBI DAN SIFILIS**

Table 3.12. : Number and Mortality Rate\* of Communicable Diseases by State, Malaysia, 2007: Tuberculosis and Syphilis

NEGERI State	TIBI Tuberculosis		SIFILIS Syphilis	
	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate
Perlis	13	5.61	1	0.43
Kedah	63	3.28	0	0
Pulau Pinang	98	6.45	0	0
Perak	181	7.82	0	0
Selangor	84	1.71	0	0
W.P. Kuala Lumpur <sup>1</sup>	22	1.32	0	0
Negeri Sembilan	35	3.58	0	0
Melaka	58	7.85	0	0
Johor	188	5.80	0	0
Pahang	116	7.82	0	0
Terengganu	107	10.02	0	0
Kelantan	289	18.52	0	0
Sabah <sup>2</sup>	167	5.30	0	0
Sarawak	83	3.45	0	0
<b>MALAYSIA</b>	<b>1,504</b>	<b>5.53</b>	<b>1</b>	<b>0.00</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 penduduk

Note: \* Mortality Rate per 100 000 population

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

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR\* KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 HIV DAN AIDS**

Table 3.12. : Number and Mortality Rate\* of Communicable Diseases by State, Malaysia, 2007: HIV and AIDS

NEGERI State	HIV		AIDS	
	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate
Perlis	0	0	22	9.49
Kedah	24	1.25	69	3.60
Pulau Pinang	0	0.00	47	3.10
Perak	14	0.60	85	3.67
Selangor	43	0.88	173	3.53
W.P. Kuala Lumpur <sup>1</sup>	1	0.06	73	4.38
Negeri Sembilan	1	0.10	71	7.26
Melaka	22	2.98	33	4.47
Johor	16	0.49	197	6.08
Pahang	41	2.76	29	1.95
Terengganu	33	3.09	31	2.90
Kelantan	0	0	305	19.55
Sabah <sup>2</sup>	0	0	25	0.79
Sarawak	0	0	22	0.92
<b>MALAYSIA</b>	<b>195</b>	<b>0.72</b>	<b>1,182</b>	<b>4.35</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 penduduk

Note: \* Mortality Rate per 100 000 population

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

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR\* KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2007:  
 PENYAKIT TANGAN, KAKI DAN MULUT DAN VIRAL ESEFALITIS**

Table 3.12. : Number and Mortality Rate\* of Communicable Diseases by State, Malaysia, 2007: Hand, Foot and Diseases and Viral Encephalitis

NEGERI State	PENYAKIT TANGAN, KAKI & MULUT Hand, Foot & Mouth Diseases (HFMD)		VIRAL ENSEFALITIS Viral Encephalitis	
	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN Mortality Rate
Perlis	0	0	0	0
Kedah	1	0.05	0	0
Pulau Pinang	0	0	0	0
Perak	0	0	0	0
Selangor	0	0	0	0
W.P. Kuala Lumpur <sup>1</sup>	0	0	0	0
Negeri Sembilan	0	0	0	0
Melaka	0	0	0	0
Johor	0	0	0	0
Pahang	0	0	0	0
Terengganu	0	0	0	0
Kelantan	0	0	0	0
Sabah <sup>2</sup>	0	0	0	0
Sarawak	0	0	2	0.08
<b>MALAYSIA</b>	<b>1</b>	<b>0.00</b>	<b>2</b>	<b>0.01</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 penduduk  
 Note: \* Mortality Rate per 100 000 population

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

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

**NOTA :**

Tiada kes kematian dilaporkan bagi Penyakit Berjangkit berikut pada tahun 2007 :-

- Difteria
- Gonorrhoea
- Kusta
- Campak
- Plague
- Poliomelitis
- Rabies
- Demam Berulang
- Tetanus Neonatorum
- Tifus
- Batuk Kokal
- Demam Kuning
- Kankeroid
- Ebola
- Viral Hepatitis A
- Other Specified Viral Hepatitis

**Note :**

*No incidence of cases were reported for the following Communicable Diseases in 2007 :-*

- *Diphtheria*
- *Gonorrhoea*
- *Leprosy*
- *Measles*
- *Plague*
- *Poliomyelitis*
- *Rabies*
- *Relapsing Fever*
- *Tetanus Neonatorum*
- *Typhus*
- *Whooping Cough*
- *Yellow Fever*
- *Chancroid*
- *Ebola*
- *Viral Hepatitis A*
- *Other Specified Viral Hepatitis*

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"DISEASES OF THE CIRCULATORY SYSTEM"**

Table 3.13. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Circulatory System

Detailed Cause Groups ( Diseases of the Circulatory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b> Acute rheumatic fever Chronic rheumatic heart diseases	I00-I09 I00-I02 I05-I09	101 4 97	0.37 0.01 0.36
<b>HYPERTENSIVE DISEASE</b> Essential (primary) hypertension Hypertensive heart disease Hypertensive renal disease Hypertensive heart and renal disease Secondary hypertension	I10-I15 I10 I11 I12 I13 I15	202 119 36 17 17 13	0.74 0.44 0.13 0.06 0.06 0.05
<b>ISCHAEMIC HEART DISEASE</b> Angina pectoris Acute myocardial infarction Remainder of ischaemic heart disease	I20-I25 I20 I21 Remainder of I20-I25	4,286 1,825 1,885 576	15.77 6.72 6.94 2.12
<b>DISEASES OF PULMONARY CIRCULATION &amp; OTHER FORMS OF HEART DISEASES</b> Pulmonary embolism Acute pericarditis Acute and subacute endocarditis Acute myocarditis Cardiac arrest Conduction disorders and cardiac arrhythmias Heart Failure Remainder of diseases of pulmonary circulation and other forms of heart diseases	I26-I52 I26 I30 I33 I40 I46 I44-I45, I47-I49 I50 Remainder of I26-I52	2,515 229 1 51 14 521 292 943 464	9.26 0.84 0.00 0.19 0.05 1.92 1.07 3.47 1.71

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:**

**"DISEASES OF THE CIRCULATORY SYSTEM" (SAMBUNGAN)**

Table 3.13. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Circulatory System (Cont'd)

Detailed Cause Groups ( Diseases of the Circulatory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>CEREBRO-VASCULAR DISEASE</b>	<b>I60-I69</b>	<b>3,664</b>	<b>13.48</b>
Subarachnoid haemorrhage	I60	119	0.44
Intracerebral haemorrhage	I61	698	2.57
Cerebral infarction	I63	299	1.10
Stroke, not specified as haemorrhage or infarction	I64	1,774	6.53
Remainder of cerebro-vascular disease	Remainder of I60-I69	774	2.85
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>	<b>246</b>	<b>0.91</b>
Atherosclerosis	I70	3	0.01
Aortic aneurysm and dissection	I71	107	0.39
Other aneurysm	I72	26	0.10
Arterial embolism and thrombosis	I74	7	0.03
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	11	0.04
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	6	0.02
Varicose veins of lower extremities	I83	1	0.00
Haemorrhoids	I84	22	0.08
Oesophageal varices	I85	32	0.12
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	31	0.11
<b>JUMLAH / Total</b>		<b>11,014</b>	<b>40.53</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, 2007:  
"DISEASES OF NEOPLASMS"**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Neoplasms

Detailed Cause Groups ( Diseases of Neoplasms )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	C00-C14 C00-C14	276 276	1.02 1.02
<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	C15-C26 C15 C16 C18 C19-C21 C22 C25 Remainder of C15-C26	1,207 84 175 263 198 325 128 34	4.44 0.31 0.64 0.97 0.73 1.20 0.47 0.13
<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	C30-C39 C32 C33-C34 Remainder of C30-C39	969 39 910 20	3.57 0.14 3.35 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	C40-C50 C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	627 44 16 59 508 0	2.31 0.16 0.06 0.22 1.87 0

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
 "DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Neoplasm (Cont'd)

Detailed Cause Groups <i>( Diseases of Neoplasms)</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN <i>(SETIAP 100 000          PENDUDUK)</i> <i>Mortality Rate (Per          100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT</b> Malignant neoplasm of cervix uteri Malignant neoplasm of other and unspecified part of uterus Remainder of malignant neoplasm of female genital organs Malignant neoplasm of prostate Malignant neoplasm of bladder Remainder of malignant neoplasm of genital organs and urinary tract	C51-C68  C53 C54-C55 C51-C52, C56, C58 C61 C67 Remainder of C51-C68	510  141 40 138 75 51 65	1.88  0.52 0.15 0.51 0.28 0.19 0.24
<b>MALIGNANT NEOPLASM OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b> Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72  C69-C72	131  131	0.48  0.48
<b>MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS</b> Malignant neoplasm of thyroid and other endocrine glands	C73-C75  C73-C75	84  84	0.31  0.31
<b>MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b> Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80  C76-C80	514  514	1.89  1.89
<b>MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b> Hodgkin's disease Non-Hodgkin's disease Leukaemia Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	C81-C96  C81 C82-C85 C91-C95 Remainder of C81-C96	532  11 185 304 32	1.96  0.04 0.68 1.12 0.12

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Neoplasm (Cont'd)

Detailed Cause Groups ( Diseases of Neoplasms )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasm of independent (primary) multiple sites	C97	12	0.04
	C97	12	0.04
<b>IN SITU NEOPLASMS</b> In situ neoplasms	<b>D00-D09</b> D00-D09	<b>21</b> 21	<b>0.08</b> 0.08
<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>10</b> 0 1 0 9	<b>0.04</b> 0 0.00 0 0.03
<b>NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	<b>D37-D48</b> D37-D48	<b>147</b> 147	<b>0.54</b> 0.54
<b>JUMLAH / Total</b>		<b>5,040</b>	<b>18.55</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, 2007:  
 "ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES"**

Table 3.15. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Endocrine, Nutritional and Metabolic Diseases

Detailed Cause Groups <i>(Endocrine, Nutritional and Metabolic Diseases)</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN <i>(SETIAP 100 000          PENDUDUK)</i> <i>Mortality Rate (Per          100 000 Population)</i>
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>	<b>784</b>	<b>2.89</b>
Iodine deficiency-related thyroid disorders	E00-E02	0	0
Thyrotoxicosis (hyperthyroidism)	E05	19	0.07
Hypoparathyroidism	E20	1	0.00
Diabetes mellitus	E10-E14	439	1.62
Kwashiorkor	E40	0	0
Other malnutrition conditions	E41-E46	10	0.04
Other nutritional deficiencies	E50-E64	0	0
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	315	1.16
<b>JUMLAH / Total</b>		<b>784</b>	<b>2.89</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, 2007:  
 "DISEASES OF THE RESPIRATORY SYSTEM"**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Respiratory System

Detailed Cause Groups <i>( Diseases of the Respiratory System )</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN <i>(SETIAP 100 000          PENDUDUK)</i> <i>Mortality Rate (Per          100 000 Population)</i>
<b>DISEASES OF THE UPPER RESPIRATORY TRACT</b> Acute nasopharyngitis Acute sinusitis Acute pharyngitis Acute tonsillitis Acute laryngitis and tracheitis Remainder of diseases of the Upper Respiratory Tract	<b>J00-J06</b> J00 J01 J02 J03 J04 Remainder of J00-J06	<b>12</b> 0 0 2 1 1 8	<b>0.04</b> 0 0 0.01 0.00 0.00 0.03
<b>INFLUENZA, PNEUMONIA AND          OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b> Influenza Viral pneumonia, not elsewhere classified Other pneumonia Acute bronchitis Acute bronchiolitis Unspecified acute lower respiratory infections	<b>J10-J22</b> J10-J11 J12 J13-J18 J20 J21 J22	<b>3,229</b> 4 18 3,185 3 19 0	<b>11.88</b> 0.01 0.07 11.72 0.01 0.07 0
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b> Chronic sinusitis Chronic diseases of tonsils and adenoids Remainder of diseases of upper respiratory tract	<b>J30-J39</b> J32 J35 Remainder of J30-J39	<b>13</b> 3 1 9	<b>0.05</b> 0.01 0.00 0.03

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Respiratory System (Cont'd)

Detailed Cause Groups ( Diseases of the Respiratory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>CHRONIC LOWER RESPIRATORY DISEASE</b>	<b>J40-J47</b>	<b>1,010</b>	<b>3.72</b>
Chronic bronchitis	J40	18	0.07
Emphysema	J43	7	0.03
Other chronic obstructive pulmonary disease	J44	800	2.94
Asthma	J45-J46	137	0.50
Bronchiectasis	J47	48	0.18
Other chronic lower respiratory tract diseases	J41-J42	0	0
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>	<b>769</b>	<b>2.83</b>
Pneumoconiosis	J60-J65	5	0.02
Other lung diseases due to external agents	J66-J70	764	2.81
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>	<b>587</b>	<b>2.16</b>
Pulmonary oedema	J81	498	1.83
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	89	0.33
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>	<b>38</b>	<b>0.14</b>
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	38	0.14

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
 "DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Respiratory System (Cont'd)

Detailed Cause Groups ( Diseases of the Respiratory System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>OTHER DISEASES OF PLEURA</b> Pleural effusion, not elsewhere classified Pneumothorax Remainder of other diseases of pleura	<b>J90-J94</b> J90 J93 Remainder of J90-J94	95 55 34 6	<b>0.35</b> 0.20 0.13 0.02
<b>OTHER DISEASES OF THE RESPIRATORY SYSTEM</b> Respiratory failure, not elsewhere classified Remainder of other diseases of the respiratory system	<b>J95-J99</b> J96 Remainder of J95-J99	450 271 179	<b>1.66</b> 1.00 0.66
<b>JUMLAH / Total</b>		<b>6,203</b>	<b>22.83</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, 2007:  
 "DISEASES OF THE DIGESTIVE SYSTEM"**

Table 3.17. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Digestive System

Detailed Cause Groups <i>( Diseases of the Digestive System )</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN <i>(SETIAP 100 000          PENDUDUK)</i> <i>Mortality 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	4 1 0 0 3	<b>0.01</b> 0.00 0 0 0.01
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b> Diseases of oesophagus Gastric ulcer Doudenal ulcer Peptic ulcer, site unspecified Gastroejunal 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	191 9 77 34 31 3 36 1	<b>0.70</b> 0.03 0.28 0.13 0.11 0.01 0.13 0.00
<b>DISEASES OF APPENDIX</b> Acute appendicitis Other appendicitis Unspecified appendicitis Other diseases of the appendix	<b>K35-K38</b> K35 K36 K37 K38	23 21 0 1 1	<b>0.08</b> 0.08 0 0.00 0.00
<b>HERNIA</b> Inguinal hernia Other hernias	<b>K40-K46</b> K40 K41-K46	6 3 3	<b>0.02</b> 0.01 0.01

**JADUAL 3.17. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"DISEASES OF THE DIGESTIVE SYSTEM" (SAMBUNGAN)**

Table 3.17. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Digestive System (Cont'd)

Detailed Cause Groups ( Diseases of the Digestive System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	<b>K50-K67</b>	<b>233</b>	<b>0.86</b>
Crohn's disease and ulcerative colitis	K50-K51	3	0.01
Other noninfective gastroenteritis and colitis	K52	6	0.02
Paralytic ileus and intestinal obstruction without hernia	K56	86	0.32
Diverticular diseases of intestine	K57	15	0.06
Fissure and fistula of anal and rectal regions	K60	0	0
Abscess of anal and rectal regions	K61	4	0.01
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	72	0.26
Peritonitis	K65	44	0.16
Other disorders of peritoneum	K66-K67	3	0.01
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	<b>K70-K93</b>	<b>1,639</b>	<b>6.03</b>
Alcoholic liver disease	K70	55	0.20
Hepatic failure, not elsewhere classified	K72	346	1.27
Chronic hepatitis, not elsewhere classified	K73	1	0.00
Fibrosis and cirrhosis of liver	K74	186	0.68
Cholelithiasis	K80	10	0.04
Cholecystitis	K81	16	0.06
Acute pancreatitis	K85	73	0.27
Remainder of other diseases of the digestive system	Remainder of K70-K93	952	3.50
<b>JUMLAH / Total</b>		<b>2,096</b>	<b>7.71</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, 2007:  
"DISEASES OF THE GENITO-URINARY SYSTEM"**

Table 3.18. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Genito-Urinary System

Detailed Cause Groups ( Diseases of the Genito-Urinary System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>GLOMERULAR DISEASES</b> Acute and progressive nephritic syndrome Chronic nephritic syndrome Nephritic syndrome Remainder of glomerular diseases	<b>N00-N08</b> N00-N01 N03 N04 Remainder of N00-N08	20 3 4 12 1	<b>0.07</b> 0.01 0.01 0.04 0.00
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b> Renal tubulo-interstitial diseases	<b>N10-N16</b> N10-N16	25 25	<b>0.09</b> 0.09
<b>RENAL FAILURE</b> Acute renal failure Chronic renal failure Unspecified renal failure	<b>N17-N19</b> N17 N18 N19	1,718 441 1,135 142	<b>6.32</b> 1.62 4.18 0.52
<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	192 10 4 17 0 1 1 159	<b>0.71</b> 0.04 0.01 0.06 0 0.00 0.00 0.59

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, 2007:**

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

Table 3.18. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of the Genito-Urinary System (Cont'd)

Detailed Cause Groups ( Diseases of the Genito-Urinary System )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>DISEASES OF MALE GENITAL ORGANS</b> Hyperplasia of prostate Hydrocele and spermatocele Orchitis and epididymitis Male infertility Redundant prepuce, phimosis and paraphimosis Remainder of Diseases of Male Genital Organs	<b>N40-N51</b> N40 N43 N45 N46 N47 Remainder of N40-N51	11 5 0 0 0 0 6	<b>0.04</b> 0.02 0 0 0 0 0.02
<b>DISORDERS OF BREAST</b> Disorders of breast	<b>N60-N64</b> N60-N64	1 1	<b>0.00</b> 0.00
<b>DISORDERS OF FEMALE GENITAL ORGANS</b> Salpingitis and oophoritis Inflammatory disease of uterus, except cervix Inflammatory disease of cervix uteri Other inflammatory diseases of female pelvic organs Endometriosis Female genital prolapse Erosion and ectropian of cervix uteri Disorders of menstruation Menopausal and other perimenopausal disorders Female infertility Remainder of disorders of female genital organs	<b>N70-N99</b> N70 N71 N72 N73-N77 N80 N81 N86 N91-N92 N95 N97 Remainder of N70-N99	15 1 3 0 1 3 1 0 2 0 0 4	<b>0.06</b> 0.00 0.01 0 0.00 0.01 0.00 0 0.01 0 0 0.01
<b>JUMLAH / Total</b>		<b>1,982</b>	<b>7.29</b>

**JADUAL 3.19. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD"**

Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Certain Conditions Originating in the Perinatal Period

Detailed Cause Groups <i>(Diseases of Certain Conditions Originating in the Perinatal Period)</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN <i>(SETIAP 100 000 PENDUDUK)</i> <i>Mortality Rate (Per 100 000 Population)</i>
<b>FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY</b> Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	P00-P04	40	0.15
	P00-P04	40	0.15
<b>DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH</b> Slow fetal growth and fetal malnutrition Disorders related to short gestation and low birth weight, not elsewhere classified Disorders related to long gestation and high birth weight	P05-P08	822	3.02
	P05-P08	3	0.01
	P07	819	3.01
	P08	0	0
<b>BIRTH TRAUMA</b> Birth trauma	P10-P15 P10-P15	33 33	0.12 0.12
<b>RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD</b> Intrauterine hypoxia and birth asphyxia Respiratory distress of newborn Neonatal aspiration syndrome Remainder of respiratory and cardiovascular disorders specific to the perinatal period	P20-P29	426	1.57
	P20-P21	163	0.60
	P22	64	0.24
	P24	71	0.26
	Remainder of P20-P29	128	0.47
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	P35-P39 P35-P39	294 294	1.08 1.08

**JADUAL 3.19. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD" (SAMBUNGAN)**

Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of Certain Conditions Originating in the Perinatal Period (Cont'd)

Detailed Cause Groups <i>(Diseases of Certain Conditions Originating in the Perinatal Period)</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN <i>(SETIAP 100 000 PENDUDUK)</i> <i>Mortality Rate (Per 100 000 Population)</i>
<b>HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN</b> Haemolytic disease of fetus and newborn Neonatal jaundice Remainder of haemorrhage and haematological disorders of fetus and newborn	P50-P61  P55 P58-P59 Remainder of P50-P61	76  1 37 38	0.28  0.00 0.14 0.14
<b>OTHER DISORDERS OF FETUS AND NEWBORN</b> Transitory endocrine and metabolic disorders specific to fetus and newborn Digestive system disorders of fetus and newborn Conditions involving integument and temperature regulation of fetus and newborn Convulsion of newborn Feeding problems of newborn Remainder of other disorders of fetus and newborn	P70-P96  P70-P74 P75-P78 P80-P83 P90 P92 Remainder of P70-P96	80  11 21 12 0 0 36	0.29  0.04 0.08 0.04 0 0 0.13
<b>JUMLAH / Total</b>		<b>1,771</b>	<b>6.52</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, 2007:  
 "DISEASES OF EXTERNAL CAUSES"**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of External Causes

Detailed Cause Groups <i>( Diseases of External Causes )</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN <i>(SETIAP 100 000          PENDUDUK)</i> <i>Mortality Rate (Per          100 000 Population)</i>
<b>TRANSPORT ACCIDENTS</b>			
Pedestrian injured in transport accident	V01-V99	1,584	5.83
Pedal cyclist injured in transport accident	V01-V09	20	0.07
Motorcycle Pedestrian injured in transport accident	V10-V19	13	0.05
Occupant of tree-wheeled motor vehicle injured in transport accident	V20-V29	198	0.73
Car occupant injured in transport accident	V30-V39	0	0
Occupant of pick-up truck or van injured in transport accident	V40-V49	36	0.13
Occupant of heavy transport vehicle injured in transport accident	V50-V59	4	0.01
Bus occupant injured in transport accident	V60-V69	7	0.03
Other land transport accidents	V70-V79	2	0.01
Water transport accidents	V80-V89	1,302	4.79
Air and space transport accidents	V90-V94	1	0.00
Other and unspecified transport accidents	V95-V97	0	0
	V98-V99	1	0.00
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>			
Falls	W00-X59	656	2.41
Exposure to inanimate mechanical factors	W00-W19	281	1.03
Exposure to animate mechanical factors	W20-W49	28	0.10
Accidental drowning and submersion	W50-W64	1	0.00
Other accidental threats to breathing	W65-W74	10	0.04
Exposure to electric current, radiation and extreme ambient air temperature	W75-W84	10	0.04
Exposure to smoke, fire and flames	W85-W99	1	0.00
Contact with heat and hot substances	X00-X09	45	0.17
Contact with venomous animals and plants	X10-X19	11	0.04
Exposure to forces of nature	X20-X29	13	0.05
Accidental poisoning by and exposure to noxious substances	X30-X39	1	0.00
Overexertion, travel and privation	X40-X49	62	0.23
Accidental exposure to other and unspecified factors	X50-X57	1	0.00
	X58-X59	192	0.71

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
"DISEASES OF EXTERNAL CAUSES" (SAMBUNGAN)**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of External Causes (Cont'd)

Detailed Cause Groups ( Diseases of External Causes )	KOD I.C.D. - 10 I.C.D. - 10 Code	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	X60-X84 X60-X84	89 89	0.33 0.33
<b>ASSAULT</b> Assault	X85-Y09 X85-Y09	47 47	0.17 0.17
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	Y10-Y34 Y10-Y34	74 74	0.27 0.27
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	Y35-Y36 Y35-Y36	0 0	0 0
<b>COMPLICATIONS OF MEDICAL AND SURGICAL CARE</b> Drugs, medicaments and biological substances causing adverse effects in therapeutic use Misadventures to patients during surgical and medical care Medival devices associated with adverse incidents in diagnostic and therapeutic use Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	Y40-Y84 Y40-Y59  Y60-Y69 Y70-Y82  Y83-Y84	22 3  2 1  16	0.08 0.01  0.01 0.00  0.06

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2007:  
 "DISEASES OF EXTERNAL CAUSES" (SAMBUGAN)**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2007: Diseases of External Causes (Cont'd)

Detailed Cause Groups <i>( Diseases of External Causes )</i>	KOD I.C.D. - 10 <i>I.C.D. - 10 Code</i>	BILANGAN KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN <i>(SETIAP 100 000          PENDUDUK)</i> <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	Y85-Y89 Y85-Y89	7 7	0.03 0.03
<b>SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE</b> Supplementary Factors Related to Causes of Morbidity and Mortality Classified Elsewhere	Y90-Y98 Y90-Y98	0 0	0 0
<b>JUMLAH / Total</b>		<b>2,479</b>	<b>9.12</b>

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

PETUNJUK KESIHATAN NO: 3.21.  
Health Indicator No: 3.21.

**JADUAL 3.21. : BILANGAN DAN PERATUS MURID SEKOLAH RENDAH DAN MENENGAH YANG "ORALLY FIT", 2007**

Table 3.21. : Number and Percentage of Orally Fit Primary and Secondary School Children, 2007

NEGERI State	MURID SEKEOLAH RENDAH Primary School Children		MURID SEK.REN. YANG TIDAK PERLU RAWATAN PERGIGIAN Primary School Children Who Do Not Require Dental Treatment		MURID SEKEOLAH MENENGAH Secondary School Children		MURID SEK.MEN. YANG TIDAK PERLU RAWATAN PERGIGIAN Secondary School Children Who Do Not Require Dental Treatment	
	ENROLMENT Enrolment	KEDATANGAN BARU New Attendances	BILANGAN Number	%	ENROLMENT Enrolment	KEDATANGAN BARU New Attendances	BILANGAN Number	%
Perlis	27,867	27,227	18,378	67.50	22,739	22,615	18,338	81.09
Kedah	235,701	228,418	149,966	65.65	174,101	118,799	94,242	79.33
Pulau Pinang	153,836	152,588	85,293	55.90	103,716	88,499	70,867	80.08
Perak	265,566	262,570	168,596	64.21	213,613	207,476	149,311	71.97
Selangor	530,397	498,770	327,052	65.57	339,753	211,902	167,522	79.06
W.P. Kuala Lumpur	150,708	150,284	98,858	65.78	103,197	102,247	87,865	85.93
W.P. Putrajaya	5,389	5,387	3,794	70.43	4,001	3,935	3,297	83.79
W.P. Labuan	7,926	7,821	5,492	70.22	5,688	5,622	3,975	70.70
Negeri Sembilan	115,549	113,133	65,120	57.56	87,427	73,575	56,547	76.86
Melaka	89,468	88,727	53,678	60.50	66,993	66,308	49,611	74.82
Johor	374,689	370,114	294,587	79.59	257,586	241,594	195,106	80.76
Pahang	164,158	162,937	124,704	76.54	128,973	127,653	92,994	72.85
Terengganu	148,036	141,384	87,674	62.01	118,442	104,076	70,465	67.71
Kelantan	220,777	201,687	52,477	26.02	165,123	85,280	42,199	49.48
Sabah	274,175	249,545	134,196	53.78	155,750	56,611	26,138	46.17
Sarawak	275,150	255,614	134,613	52.66	209,325	37,184	24,254	65.23
<b>MALAYSIA</b>	<b>3,039,392</b>	<b>2,916,206</b>	<b>1,804,478</b>	<b>61.88</b>	<b>2,156,427</b>	<b>1,553,376</b>	<b>1,152,731</b>	<b>74.21</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, 2007**

Table 3.22. : Dental Caries Status: Number of School Children 12 Years Old With  $M + X = 0$  by States, Malaysia, 2007

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	4,759	4,692	98.59
Kedah	38,938	38,107	97.87
Pulau Pinang	25,058	24,454	97.59
Perak	45,617	44,316	97.15
Selangor	78,490	72,490	92.36
W.P. Kuala Lumpur	25,126	25,052	99.71
W.P. Putrajaya	814	807	99.14
W.P. Labuan	1,259	1,228	97.54
Negeri Sembilan	18,809	17,835	94.82
Melaka	14,290	13,980	97.83
Johor	60,847	59,457	97.72
Pahang	27,567	26,248	95.22
Terengganu	24,369	22,896	93.96
Kelantan	35,048	32,857	93.75
Sabah	41,402	23,407	56.54
Sarawak	42,784	38,729	90.52
<b>MALAYSIA</b>	<b>485,177</b>	<b>446,555</b>	<b>92.03</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 2007**

Table 3.23. : Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX = 0), by State, Malaysia 2007

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	4,759	3,247	68.23	5,060	2,773	54.80
Kedah	38,938	25,199	64.72	22,813	12,984	56.91
Pulau Pinang	25,058	15,953	63.66	16,804	8,219	48.91
Perak	45,617	29,205	64.02	38,648	18,603	48.13
Selangor	78,490	60,178	76.67	38,170	23,881	62.56
W.P. Kuala Lumpur	25,126	19,592	77.98	19,463	12,501	64.22
W.P. Putrajaya	814	661	81.20	658	478	72.64
W.P. Labuan	1,259	701	55.68	1,094	401	36.65
Negeri Sembilan	18,809	13,606	72.34	14,601	8,252	56.52
Melaka	14,290	9,240	64.66	12,408	5,867	47.28
Johor	60,847	44,468	73.08	44,000	23,768	54.02
Pahang	27,567	16,238	58.90	24,550	9,785	39.86
Terengganu	24,369	12,212	50.11	20,018	7,230	36.12
Kelantan	35,048	11,127	31.75	17,388	4,341	24.97
Sabah	41,402	11,984	28.95	9,572	1,655	17.29
Sarawak	42,784	22,485	52.55	6,670	2,422	36.31
<b>MALAYSIA</b>	<b>485,177</b>	<b>296,096</b>	<b>61.03</b>	<b>291,917</b>	<b>143,160</b>	<b>49.04</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*



PETUNJUK KESIHATAN NO: 4.1.  
*Health Indicator No: 4.1.*

**JADUAL 4.1. : BILANGAN KEMUDAHAN KESIHATAN (KKM) DAN NISBAH KEMUDAHAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA, PADA 31HB. DISEMBER, 2007**

*Table 4.1. : Number of Health Facilities (MoH) and Health Facility Ratio to Population by State, Malaysia, on 31st December, 2007*

NEGERI State	JUMLAH BILANGAN KLINIK KESIHATAN <i>Total Number of Health Clinics</i>	NISBAH KLINIK KESIHATAN: PENDUDUK <i>Health Clinic: Population Ratio</i>	JUMLAH BILANGAN KLINIK DESA <i>Total Number of Community Clinics</i>	NISBAH KLINIK DESA: PENDUDUK <i>Community Clinic: Population Ratio</i>
Perlis	9	1: 25,767	30	1: 7,730
Kedah	53	1: 36,202	224	1: 8,566
Pulau Pinang	26	1: 58,404	62	1: 24,492
Perak	72	1: 32,147	251	1: 9,222
Selangor	56	1: 87,470	131	1: 37,392
W.P. Kuala Lumpur	13	1: 123,415	0	1: 0
W.P. Putrajaya	1	1: 63,300	0	1: 0
Negeri Sembilan	38	1: 25,742	106	1: 9,228
Melaka	26	1: 28,415	61	1: 12,111
Johor	87	1: 37,252	265	1: 12,230
Pahang	61	1: 24,321	245	1: 6,056
Terengganu	39	1: 27,382	133	1: 8,029
Kelantan	53	1: 29,443	198	1: 7,881
Sabah	77	1: 39,787	193	1: 15,874
W.P. Labuan	1	1: 86,300	10	1: 8,630
Sarawak	194	1: 12,393	18	1: 133,567
<b>MALAYSIA</b>	<b>806</b>	<b>1: 33,714</b>	<b>1,927</b>	<b>1: 14,102</b>

**JADUAL 4.1. : BILANGAN KEMUDAHAN KESIHATAN (KKM) DAN NISBAH KEMUDAHAN KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA, PADA 31HB. DISEMBER, 2007 (SAMBUNGAN)**

Table 4.1. : Number of Health Facilities (MoH) and Health Facility Ratio to Population by State, Malaysia, on 31st December, 2007 (Cont'd)

NEGERI State	BILANGAN KLINIK KESIHATAN IBU & ANAK Number of Maternal & Child Health Clinic	BILANGAN KLINIK BERGERAK Number of Mobile Clinic	BILANGAN KLINIK PERGIGIAN** Number of Dental Clinics**	NISBAH KLINIK PERGIGIAN: PENDUDUK Dental Clinic**: Population Ratio
Perlis	0	0	48	1: 4,831
Kedah	7	0	166	1: 11,558
Pulau Pinang	6	0	113	1: 13,438
Perak	10	5	226	1: 10,242
Selangor	5	18	155	1: 31,602
W.P. Kuala Lumpur	1	0	99	1: 16,206
W.P. Putrajaya	0	0	3	1: 21,100
Negeri Sembilan	1	2	122	1: 8,018
Melaka	2	0	71	1: 10,406
Johor	4	30	208	1: 15,581
Pahang	8	26	167	1: 8,884
Terengganu	2	0	103	1: 10,368
Kelantan	3	2	167	1: 9,344
Sabah	24	8	227	1: 13,496
W.P. Labuan	1	0	7	1: 12,329
Sarawak	23	120	227	1: 10,591
<b>MALAYSIA</b>	<b>97</b>	<b>211</b>	<b>2,109</b>	<b>1: 12,885</b>

\*\* TERMASUK KLINIK / PASUKAN PERGIGIAN BERGERAK  
Includes Mobile Dental Team and Clinics

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, 2007**

Table 4.2. : Distribution of Hospital and Bed Strength by Sector and State, Malaysia, 2007

NEGERI State	HOSPITAL KERAJAAN Government Hospitals				HOSPITAL SWASTA*		JUMLAH BESAR Grand Total		NISBAH KATIL: PENDUDUK Bed: Population Ratio	
	KKM MoH		BUKAN KKM Non MoH		Private Hospitals*					
	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: 571	
Kedah	9	2,214	0	0	12	463	21	2,677	1: 717	
Pulau Pinang	6	1,930	0	0	25	1,921	31	3,851	1: 394	
Perak	15	6,070	1	132	15	818	31	7,020	1: 330	
Selangor	11	4,045	2	1,039	52	2,807	65	7,891	1: 621	
W.P. Kuala Lumpur	2	2,412	1	843	43	2,523	46	5,778	1: 278	
W.P. Putrajaya	1	272	0	0	0	0	1	272	1: 233	
Negeri Sembilan	6	1,527	0	0	6	304	12	1,831	1: 534	
Melaka	3	900	1	144	5	801	9	1,845	1: 400	
Johor	12	4,917	0	0	35	1,007	47	5,924	1: 547	
Pahang	10	1,841	0	0	9	209	19	2,050	1: 724	
Terengganu	6	1,334	0	0	3	31	9	1,365	1: 782	
Kelantan	9	1,652	1	750	3	114	13	2,516	1: 620	
Sabah	23	4,053	0	0	9	291	32	4,344	1: 705	
W.P. Labuan	1	109	0	0	0	0	1	109	1: 792	
Sarawak	21	3,613	0	0	11	431	32	4,044	1: 595	
<b>MALAYSIA</b>	<b>136</b>	<b>37,293</b>	<b>6</b>	<b>2,908</b>	<b>229</b>	<b>11,722</b>	<b>371</b>	<b>51,923</b>	<b>1: 523</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, 2007**

Table 4.3. : School Coverage by Health Services by State, Malaysia, 2007

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	76	76	100.0	26	26	100.0
Kedah	569	569	100.0	194	194	100.0
Pulau Pinang	275	275	100.0	119	119	100.0
Perak	867	867	100.0	244	244	100.0
Selangor	682	682	100.0	273	273	100.0
W.P. Kuala Lumpur	207	207	100.0	97	97	100.0
W.P. Putrajaya	8	8	100.0	6	5	83.3
Negeri Sembilan	352	352	100.0	119	119	100.0
Melaka	235	235	100.0	73	73	100.0
Johor	889	889	100.0	237	237	100.0
Pahang	522	522	100.0	182	182	100.0
Terengganu	361	361	100.0	127	127	100.0
Kelantan	431	431	100.0	222	222	100.0
Sabah	1095	1090	99.5	226	226	100.0
W.P. Labuan	19	19	100.0	9	9	100.0
Sarawak	1293	1237	95.7	160	140	87.5
<b>MALAYSIA</b>	<b>7881</b>	<b>7820</b>	<b>99.2</b>	<b>2314</b>	<b>2293</b>	<b>99.1</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, 2007**

Table 4.4. : 10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia 2007

NO. Rank	SEBAB UTAMA <i>Principal Causes</i>	BILANGAN DISCAJ <i>Number of Discharges</i>	% KEPADA JUMLAH DISCAJ <i>% To Total Discharges</i>
1	Normal Deliveries (Single Spontaneous Delivery)	284,261	14.47
2	Complications of Pregnancy, Childbirth and the Puerperium	241,942	12.31
3	Accidents (Accidental Injury)	172,494	8.78
4	Diseases of the Respiratory System	145,025	7.38
5	Diseases of the Circulatory System	139,528	7.10
6	Certain Conditions Originating in the Perinatal Period	131,977	6.72
7	Diseases of Digestive System	104,138	5.30
8	Diseases of the Urinary System	69,970	3.56
9	III Defined Conditions (Symptoms and Signs)	64,049	3.26
10	Malignant Neoplasms	63,447	3.23
	<b>ALL CAUSES</b>	<b>1,964,903</b>	<b>100.00</b>

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, 2007**

Table 4.5. : 10 Principal Causes of Death in Ministry of Health Hospitals, Malaysia, 2007

NO. Rank	SEBAB UTAMA Principal Causes	BILANGAN KEMATIAN Number of Deaths	% KEPADA JUMLAH KEMATIAN % To Total Deaths
1	Heart Diseases & Diseases of Pulmonary Circulation	7,104	16.49
2	Septiceamia	5,764	13.38
3	Malignant Neoplasms	4,862	11.28
4	Cerebrovascular Diseases	3,664	8.50
5	Pneumonia	3,203	7.43
6	Accidents	2,240	5.20
7	Diseases of Digestive System	2,096	4.86
8	Certain Conditions Orogenating in the Perinatal Period	1,771	4.11
9	Nephritis, Nephrotic, Syndrome and Nephrosis	1,763	4.09
10	III Defined Conditions (Symptoms and Signs)	1,099	2.55
	<b>ALL CAUSES</b>	<b>43,089</b>	<b>100.00</b>

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

PETUNJUK KESIHATAN NO: 4.6.  
Health Indicator No: 4.6.

**JADUAL 4.6. : KADAR KES KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2003 - 2007**

Table 4.6. : Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2003 - 2007

PERKARA <i>Subjects</i>	2003	2004	2005	2006	2007
JUMLAH KEMATIAN DI HOSPITAL KKM <i>Total Number of Deaths in MoH Hospitals</i>	36,354	38,180	39,602	40,586	43,089
JUMLAH DISCAJ DI HOSPITAL KKM <i>Total Number of Discharges in MoH Hospitals</i>	1,718,507	1,807,429	1,855,020	1,905,819	1,970,958
KADAR KES KEMATIAN DI HOSPITAL KKM <i>Case Fatality Rate in MoH Hospitals %</i>	2.12	2.11	2.13	2.13	2.19

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 2007**

Table 4.7. : *Index of Health Legislation in Malaysia, Up to 2007*

Bil. No.	TAJUK <i>Title</i>
1.	AKTA JURURAWAT 1950 (DISEMAK 1969) <i>Nurses Act 1950 (Revised - 1969)</i>
2.	ORDINAN SAKIT OTAK 1952 <i>Mental Disorders Ordinance 1952</i>
3.	AKTA PERUBATAN 1971 <i>Medical Act 1971</i>
4.	AKTA PERGIGIAN 1971 <i>Dental Act 1971</i>
5.	AKTA TISU MANUSIA 1974 <i>Human Tissues Act 1974</i>
6.	AKTA PERMUSNAHAN SERANGGA PEMBAWA PENYAKIT 1975 <i>Destruction of Disease-Bearing Insects Act 1975</i>
7.	AKTA PEMBANTU PERUBATAN (PENDAFTARAN) 1977 <i>Medical Assistants (Registration) Act 1977</i>
8.	PERINTAH FI (PERUBATAN) 1982 (PERUNDANGAN SUBSIDIARI DI BAWAH AKTA FEE 1951) <i>Fees (Medical) Order 1982 (Subsidiary Legislation under Fees Act 1951)</i>
9.	PERINTAH FI (PERUBATAN) (PESAKIT BAYAR PENUH) 2007 (PERUNDANGAN SUBSIDIARI DI BAWAH AKTA FEE 1951) <i>Fees (Medical) (Full Paying Patient) Order 2007 (Subsidiary Legislation under Fees Act 1951)</i>

**JADUAL 4.7. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2007 (SAMBUNGAN)**

Table 4.7. : *Index of Health Legislation in Malaysia, Up to 2007 (Cont'd)*

Bil. No.	TAJUK <i>Title</i>
10.	AKTA DADAH BERBAHAYA 1952 (DISEMAK – 1980) <i>Dangerous Drugs Act 1952 (Revised - 1980)</i>
11.	AKTA HIDROGEN SAINAID (FUMIGASI) 1952 (DISEMAK – 1981) <i>Hydrogen Cyanide (Fumigation) Act 1953 (Revised - 1981)</i>
12.	AKTA MAKANAN 1983 <i>Food Act 1983</i>
13.	AKTA UBAT (IKLAN DAN PENJUALAN) 1956 (DISEMAK 1983) <i>Medicines (Advertisement And Sale) Act 1956 (Revised - 1983)</i>
14.	AKTA LESEN TENAGA ATOM 1984 <i>Atomic Energy Licensing Act 1984</i>
15.	AKTA PENCEGAHAN DAN KAWALAN PENYAKIT BERJANGKIT 1988 <i>Prevention And Control of Infectious Diseases Act 1988</i>
16.	AKTA RACUN 1952 (DISEMAK – 1989) <i>Poisons Act 1952 (Revised - 1989)</i>
17.	AKTA JUALAN DADAH 1952 (DISEMAK – 1989) <i>Sale of Drugs Act 1952 (Revised - 1989)</i>
18.	AKTA PENDAFTARAN AHLI FARMASI 1951 (DISEMAK – 1989) <i>Registration of Pharmacists Act 1951 (Revised - 1989)</i>

**JADUAL 4.7. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2007 (SAMBUNGAN)**

Table 4.7. : *Index of Health Legislation in Malaysia, Up to 2007 (Cont'd)*

Bil. No.	TAJUK Title
19.	AKTA PEMBANTU HOSPITAL ESTET (PENDAFTARAN) 1965 (DISEMAK 1990) <i>Estate Hospital Assistants (Registration) Act 1965 (Revised - 1990)</i>
20.	AKTA BIDAN 1966 (DISEMAK – 1990) <i>Midwives Act 1966 (Revised - 1990)</i>
21.	AKTA OPTIK 1991 <i>Optical Act 1991</i>
22.	AKTA TELEPERUBATAN 1997** <i>Telemedicine Act 1997**</i>
23.	AKTA KEMUDAHAN DAN PERKHIDMATAN JAGAAN KESIHATAN SWASTA 1998 <i>Private Healthcare Facilities And Services Act 1998</i>
24.	AKTA KESIHATAN MENTAL 2001** <i>Mental Health Act 2001**</i>
25.	AKTA LEMBAGA PROMOSI KESIHATAN MALAYSIA 2006 <i>Malaysian Health Promotion Board Act 2006</i>
26.	AKTA MAKMAL PATOLOGI** <i>Pathology Laboratory Act 2007**</i>

\*\* AKTA YANG BELUM DIKUATKUASA

\*\* *The acts which are not enforce yet.*

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, 2007**

Table 4.8. : Number of Doctors by State, Sector and Ratio of Doctor to Population, Malaysia, 2007

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	143	4	147	28	175	1: 1,325
Kedah	796	26	822	461	1,283	1: 1,495
Pulau Pinang	893	48	941	875	1,816	1: 836
Perak	1,178	66	1,244	805	2,049	1: 1,130
Selangor	1,878	201	2,079	2,341	4,420	1: 1,123
W.P. Kuala Lumpur	1,656	1,105	2,761	1,778	4,539	1: 353
W.P. Labuan	23	0	23	16	39	1: 2,213
Negeri Sembilan	691	19	710	342	1,052	1: 930
Melaka	433	32	465	378	843	1: 876
Johor	1,230	65	1,295	983	2,278	1: 1,423
Pahang	606	28	634	357	991	1: 1,497
Terengganu	490	7	497	166	663	1: 1,611
Kelantan	650	362	1,012	209	1,221	1: 1,278
Sabah	850	21	871	343	1,214	1: 2,524
Sarawak	756	41	797	358	1,155	1: 2,082
<b>MALAYSIA</b>	<b>12,273</b>	<b>2,025</b>	<b>14,298</b>	<b>9,440</b>	<b>23,738</b>	<b>1: 1,145</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, 2007**

Table 4.9. : Number of Dentists by State, Sector and Ratio of Dentist to Population, Malaysia, 2007

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	29	0	29	4	33	1: 7,027
Kedah	84	4	88	50	138	1: 13,904
Pulau Pinang	90	6	96	128	224	1: 6,779
Perak	130	5	135	107	242	1: 9,564
Selangor	117	16	133	458	591	1: 8,395
W.P. Kuala Lumpur	136	174	310	353	663	1: 2,420
W.P. Labuan	2	1	3	2	5	1: 17,260
Negeri Sembilan	83	3	86	51	137	1: 7,140
Melaka	58	6	64	42	106	1: 6,970
Johor	137	7	144	168	312	1: 10,388
Pahang	94	3	97	47	144	1: 10,303
Terengganu	87	0	87	35	122	1: 8,753
Kelantan	87	40	127	42	169	1: 9,234
Sabah	62	2	64	70	134	1: 22,863
Sarawak	73	4	77	68	145	1: 16,581
<b>MALAYSIA</b>	<b>1,269</b>	<b>271</b>	<b>1,540</b>	<b>1,625</b>	<b>3,165</b>	<b>1: 8,586</b>

NOTA : DATA DARIPADA MAJLIS PERGIGIAN MALAYSIA  
 Note : 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, 2007**

Table 4.10. : Number of Pharmacists by State, Sector and Ratio of Pharmacist to Population, Malaysia, 2007

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	20	0	20	14	34	1: 6,821
Kedah	66	0	66	170	236	1: 8,130
Pulau Pinang	90	35	125	342	467	1: 3,252
Perak	121	0	121	302	423	1: 5,472
Selangor	269	12	281	1,013	1,294	1: 3,834
W.P. Kuala Lumpur	99	45	144	471	615	1: 2,609
W.P. Labuan	6	0	6	6	12	1: 7,192
Negeri Sembilan	43	0	43	89	132	1: 7,411
Melaka	29	0	29	79	108	1: 6,841
Johor	71	0	71	204	275	1: 11,785
Pahang	46	0	46	97	143	1: 10,375
Terengganu	59	0	59	54	113	1: 9,450
Kelantan	88	23	111	99	210	1: 7,431
Sabah	63	0	63	160	223	1: 13,738
Sarawak	65	0	65	221	286	1: 8,406
<b>MALAYSIA</b>	<b>1,135</b>	<b>115</b>	<b>1,250</b>	<b>3,321</b>	<b>4,571</b>	<b>1: 5,945</b>

NOTA : DATA DARIPADA LEMBAGA FARMASI MALAYSIA  
 Note : Data from Pharmacy Board Malaysia

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

**JADUAL 4.11. : BILANGAN JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT KEPADA PENDUDUK,  
 MALAYSIA, 2007**

Table 4.11. : Number of Nurses by State, Sector and Ratio of Nurse to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	SEKTOR SWASTA** Private Sector**	JUMLAH Total	NISBAH JURURAWAT : PENDUDUK Nurse : Population Ratio
Perlis	639		639	1: 363
Kedah	3,015		3,015	1: 636
Pulau Pinang	2,216		2,216	1: 685
Perak	3,502		3,502	1: 661
Selangor	4,155		4,155	1: 1,194
W.P. Kuala Lumpur	3,478		3,478	1: 461
W.P. Labuan	128		128	1: 674
Negeri Sembilan	1,502		1,502	1: 651
Melaka	1,286		1,286	1: 574
Johor	4,127		4,127	1: 785
Pahang	2,086		2,086	1: 711
Terengganu	1,909		1,909	1: 559
Kelantan	2,431		2,431	1: 642
Sabah	3,218		3,218	1: 952
Sarawak	2,458		2,458	1: 978
<b>MALAYSIA</b>	<b>36,150</b>	<b>12,766</b>	<b>48,916</b>	<b>1: 556</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM  
 \* Data from Human Resource Division, MoH

\*\* DATA DARIPADA BAHAGIAN JURURAWAT, KKM  
 \*\* Data from Nursing Division, MoH

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

**JADUAL 4.12. : BILANGAN JURURAWAT MASYARAKAT DAN BIDAN BAHAGIAN II (B.BHG II) MENGIKUT NEGERI,  
 SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.12. : Number of Community Nurses and Midwives Division II (M.Div II) by State, Sector and Ratio to Population,  
 Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health, Malaysia*			SEKTOR SWASTA** Private Sector**	JUMLAH Total	NISBAH JURURAWAT MASYARAKAT : PENDUDUK Community Nurse : Population Ratio
	JURURAWAT MASYARAKAT Community Nurses	B.BHG II M.Div II	JUMLAH Total			
Perlis	239	1	240		240	1: 966
Kedah	1,156	8	1,164		1,164	1: 1,648
Pulau Pinang	761	6	767		767	1: 1,980
Perak	1,511	16	1,527		1,527	1: 1,516
Selangor	1,661	15	1,676		1,676	1: 2,960
W.P. Kuala Lumpur	578	5	583		583	1: 2,752
W.P. Labuan	43	0	43		43	1: 2,007
Negeri Sembilan	596	8	604		604	1: 1,620
Melaka	516	4	520		520	1: 1,421
Johor	1,414	14	1,428		1,428	1: 2,270
Pahang	1,292	18	1,310		1,310	1: 1,133
Terengganu	927	13	940		940	1: 1,136
Kelantan	1,248	10	1,258		1,258	1: 1,240
Sabah	2,134	0	2,134		2,134	1: 1,436
Sarawak	2,339	17	2,356		2,356	1: 1,020
<b>MALAYSIA</b>	<b>16,415</b>	<b>135</b>	<b>16,550</b>	<i>NOT AVAILABLE</i>	<b>16,883</b>	<b>1: 1,610</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

\*\* DATA DARIPADA BAHAGIAN JURURAWAT, KKM

\*\* Data from Nursing Division, MoH

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.13. : BILANGAN PENOLONG JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG JURURAWAT KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.13. : Number of Assistant Nurses by State, Sector and Ratio of Assistant Nurse to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* <i>Ministry of Health*</i>	SEKTOR SWASTA** <i>Private Sector**</i>	JUMLAH Total	NISBAH PENOLONG JURURAWAT : PENDUDUK <i>Assistant Nurse : Population Ratio</i>
Perlis	39		39	1: 5,946
Kedah	165		165	1: 11,628
Pulau Pinang	102		102	1: 14,887
Perak	318		318	1: 7,279
Selangor	155		155	1: 32,010
W.P. Kuala Lumpur	79		79	1: 20,309
W.P. Labuan	15		15	1: 5,753
Negeri Sembilan	122		122	1: 8,018
Melaka	45		45	1: 16,418
Johor	270		270	1: 12,003
Pahang	156		156	1: 9,510
Terengganu	112		112	1: 9,535
Kelantan	214		214	1: 7,292
Sabah	602		602	1: 5,089
Sarawak	71		71	1: 33,862
<b>MALAYSIA</b>	<b>2,465</b>	<b>2,008</b>	<b>4,473</b>	<b>1: 6,075</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

\*\* DATA DARIPADA BAHAGIAN JURURAWAT, KKM

\*\* Data from Nursing Division, MoH

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.14. : BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.14. : Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* <i>Ministry of Health*</i>	SEKTOR SWASTA** <i>Private Sector**</i>	JUMLAH Total	NISBAH PENOLONG PEGAWAI PERUBATAN : PENDUDUK <i>Assistant Medical Officer : Population Ratio</i>
Perlis	112		112	1: 2,071
Kedah	513		513	1: 3,740
Pulau Pinang	371		371	1: 4,093
Perak	837		837	1: 2,765
Selangor	681		681	1: 7,286
W.P. Kuala Lumpur	472		472	1: 3,399
W.P. Labuan	30		30	1: 2,877
Negeri Sembilan	331		331	1: 2,955
Melaka	228		228	1: 3,240
Johor	760		760	1: 4,264
Pahang	566		566	1: 2,621
Terengganu	364		364	1: 2,934
Kelantan	411		411	1: 3,797
Sabah	734		734	1: 4,174
Sarawak	1,001		1,001	1: 2,402
<b>MALAYSIA</b>	<b>7,411</b>	<b>537</b>	<b>7,948</b>	<b>1: 3,419</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

\*\* DATA DARIPADA LEMBAGA PEMBANTU PERUBATAN, KKM

\*\* Data from Medical Assistant Board, MoH

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.15. : BILANGAN PENOLONG PEGAWAI FARMASI (KKM) MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.15. : Number of Assistant Pharmacy Officers (MoH) by State and Ratio of Assistant Pharmacy Officer to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH PENOLONG PEGAWAI FARMASI : PENDUDUK Assistant Pharmacy Officer : Population Ratio
Perlis	35	1: 6,626
Kedah	164	1: 11,699
Pulau Pinang	123	1: 12,346
Perak	258	1: 8,971
Selangor	234	1: 21,203
W.P. Kuala Lumpur	223	1: 7,195
W.P. Labuan	19	1: 4,542
Negeri Sembilan	109	1: 8,974
Melaka	82	1: 9,010
Johor	259	1: 12,513
Pahang	173	1: 8,576
Terengganu	124	1: 8,612
Kelantan	168	1: 9,289
Sabah	356	1: 8,606
Sarawak	325	1: 7,398
<b>MALAYSIA</b>	<b>2,652</b>	<b>1: 10,246</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.16. : BILANGAN JURURAWAT PERGIGIAN (KKM) MENGIKUT NEGERI DAN NISBAH JURURAWAT PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.16. : Number of Dental Nurses (MoH) by State and Ratio of Dental Nurse to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURURAWAT PERGIGIAN : PENDUDUK Dental Nurse : Population Ratio
Perlis	52	1: 4,460
Kedah	153	1: 12,541
Pulau Pinang	164	1: 9,259
Perak	195	1: 11,870
Selangor	188	1: 26,391
W.P. Kuala Lumpur	136	1: 11,797
W.P. Labuan	14	1: 6,164
Negeri Sembilan	93	1: 10,518
Melaka	89	1: 8,301
Johor	160	1: 20,256
Pahang	168	1: 8,831
Terengganu	130	1: 8,215
Kelantan	174	1: 8,968
Sabah	263	1: 11,649
Sarawak	340	1: 7,071
<b>MALAYSIA</b>	<b>2,319</b>	<b>1: 11,718</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

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

**JADUAL 4.17. : BILANGAN JURUTEKNIK PERGIGIAN (KKM) MENGIKUT NEGERI DAN NISBAH JURUTEKNIK PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.17. : Number of Dental Technicians (MoH) by State and Ratio of Dental Technician to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUTEKNIK PERGIGIAN : PENDUDUK Dental Technician : Population Ratio
Perlis	16	1: 14,494
Kedah	50	1: 38,374
Pulau Pinang	38	1: 39,961
Perak	55	1: 42,084
Selangor	61	1: 81,338
W.P. Kuala Lumpur	37	1: 43,362
W.P. Labuan	1	1: 86,300
Negeri Sembilan	38	1: 25,742
Melaka	23	1: 32,122
Johor	57	1: 56,858
Pahang	46	1: 32,252
Terengganu	51	1: 20,939
Kelantan	68	1: 22,949
Sabah	55	1: 55,702
Sarawak	88	1: 27,320
<b>MALAYSIA</b>	<b>684</b>	<b>1: 39,728</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.18. : BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN (KKM) MENGIKUT NEGERI DAN NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.18. : Number of Dental Surgery Assistants (MoH) by State and Ratio of Dental Surgery Assistant to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN : PENDUDUK Dental Surgery Assistant : Population Ratio
Perlis	72	1: 3,221
Kedah	170	1: 11,286
Pulau Pinang	190	1: 7,992
Perak	245	1: 9,447
Selangor	261	1: 19,010
W.P. Kuala Lumpur	208	1: 7,713
W.P. Labuan	7	1: 12,329
Negeri Sembilan	163	1: 6,001
Melaka	122	1: 6,056
Johor	218	1: 14,867
Pahang	216	1: 6,869
Terengganu	196	1: 5,448
Kelantan	165	1: 9,458
Sabah	198	1: 15,473
Sarawak	201	1: 11,961
<b>MALAYSIA</b>	<b>2,632</b>	<b>1: 10,324</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

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

**JADUAL 4.19. : BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN (KKM) MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.19. : Number of Assistant Environmental Health Officers (MoH) by State and Ratio of Assistant Environmental Health Officer to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN : PENDUDUK Assistant Environmental Health Officer : Population Ratio
Perlis	47	1: 4,934
Kedah	214	1: 8,966
Pulau Pinang	106	1: 14,325
Perak	179	1: 12,931
Selangor	236	1: 21,024
W.P. Kuala Lumpur	100	1: 16,044
W.P. Labuan	13	1: 6,638
Negeri Sembilan	104	1: 9,406
Melaka	64	1: 11,544
Johor	205	1: 15,809
Pahang	171	1: 8,676
Terengganu	164	1: 6,512
Kelantan	182	1: 8,574
Sabah	308	1: 9,947
Sarawak	329	1: 7,308
<b>MALAYSIA</b>	<b>2,422</b>	<b>1: 11,220</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

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

**JADUAL 4.20. : BILANGAN JURUTEKNOLOGI MAKMAL PERUBATAN (KKM) MENGIKUT NEGERI DAN NISBAH  
 JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.20. : Number of Medical Laboratory Technologists (MoH) by State and Ratio of Medical Laboratory Technologist to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN : PENDUDUK Medical Laboratory Technologist : Population Ratio
Perlis	50	1: 4,638
Kedah	205	1: 9,360
Pulau Pinang	196	1: 7,747
Perak	321	1: 7,211
Selangor	348	1: 14,257
W.P. Kuala Lumpur	527	1: 3,044
W.P. Labuan	15	1: 5,753
Negeri Sembilan	136	1: 7,193
Melaka	118	1: 6,261
Johor	289	1: 11,214
Pahang	204	1: 7,273
Terengganu	147	1: 7,265
Kelantan	212	1: 7,361
Sabah	423	1: 7,243
Sarawak	493	1: 4,877
<b>MALAYSIA</b>	<b>3,684</b>	<b>1: 7,376</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.21. : BILANGAN JURU X-RAY (KKM) MENGIKUT NEGERI DAN NISBAH JURU X-RAY KEPADA PENDUDUK,  
 MALAYSIA, 2007**

Table 4.21. : Number of Radiographers (MoH) by State and Ratio of Radiographer to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURU X-RAY : PENDUDUK Radiographer : Population Ratio
Perlis	21	1: 11,043
Kedah	103	1: 18,628
Pulau Pinang	90	1: 16,872
Perak	121	1: 19,129
Selangor	175	1: 28,352
W.P. Kuala Lumpur	202	1: 7,943
W.P. Labuan	4	1: 21,575
Negeri Sembilan	54	1: 18,115
Melaka	35	1: 21,109
Johor	144	1: 22,506
Pahang	78	1: 19,021
Terengganu	61	1: 17,507
Kelantan	10	1: 156,050
Sabah	110	1: 27,851
Sarawak	167	1: 14,396
<b>MALAYSIA</b>	<b>1,375</b>	<b>1: 19,763</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.22. : BILANGAN JURUPULIH PERUBATAN ANGGOTA (KKM) MENGIKUT NEGERI DAN NISBAH JURUPULIH PERUBATAN ANGGOTA KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.22. : Number of Physiotherapists (MoH) by State and Ratio of Physiotherapist to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUPULIH PERUBATAN ANGGOTA : PENDUDUK Physiotherapist : Population Ratio
Perlis	9	1: 25,767
Kedah	30	1: 63,957
Pulau Pinang	37	1: 41,041
Perak	59	1: 39,231
Selangor	74	1: 67,049
W.P. Kuala Lumpur	60	1: 26,740
W.P. Labuan	2	1: 43,150
Negeri Sembilan	18	1: 54,344
Melaka	13	1: 56,831
Johor	45	1: 72,020
Pahang	23	1: 64,504
Terengganu	26	1: 41,073
Kelantan	30	1: 52,017
Sabah	80	1: 38,295
Sarawak	70	1: 34,346
<b>MALAYSIA</b>	<b>576</b>	<b>1: 47,177</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

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

**JADUAL 4.23. : BILANGAN JURUPULIH CARAKERJA (KKM) MENGIKUT NEGERI DAN NISBAH JURUPULIH CARAKERJA KEPADA PENDUDUK, MALAYSIA, 2007**

Table 4.23. : Number of Occupational Therapists (MoH) by State and Ratio of Occupational Therapist to Population, Malaysia, 2007

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUPULIH CARAKERJA : PENDUDUK Occupational Therapist : Population Ratio
Perlis	6	1: 38,650
Kedah	24	1: 79,946
Pulau Pinang	26	1: 58,404
Perak	64	1: 36,166
Selangor	40	1: 124,040
W.P. Kuala Lumpur	35	1: 45,840
W.P. Labuan	2	1: 43,150
Negeri Sembilan	13	1: 75,246
Melaka	12	1: 61,567
Johor	42	1: 77,164
Pahang	17	1: 87,271
Terengganu	15	1: 71,193
Kelantan	15	1: 104,033
Sabah	48	1: 63,825
Sarawak	46	1: 52,265
<b>MALAYSIA</b>	<b>405</b>	<b>1: 67,096</b>

NOTA>Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

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

**JADUAL 4.24 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN BASIK MENGIKUT DISIPLIN DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA PADA TAHUN 2007**

Table 4.24. : Total Intake of Trainees for Basic Training Program by Disciplines in the Training Colleges of Ministry of Health Malaysia for the Year 2007

JENIS Type	BILANGAN KOLEJ LATIHAN/UNIVERSITI No. of Training Colleges/University	PENGAMBILAN MAKSIMA TAHUNAN Annual Intake Capacity
JURUPULIH CARA KERJA <i>Occupational Therapist</i>	1	78
JURUPULIH ANGGOTA <i>Physiotherapist</i>	1	77
JURU X-RAY <i>Radiographer</i>	2	121
JURUTEKNOLOGI MAKMAL PERUBATAN <i>Medical Laboratory Technologist</i>	2	273
PEMBANTU PERUBATAN <i>Medical Assistant</i>	4	664
JURURAWAT <i>Nurse</i>	17	2,481
JURURAWAT MASYARAKAT <i>Community Nurse</i>	13	1,322
PEMBANTU FARMASI <i>Pharmacist Assistant</i>	1	112
PEN. PEG. KESIHATAN PERSEKITARAN <i>Assistant Environmental Health Officer</i>	2	224
PEMBANTU KESIHATAN AWAM <i>Public Health Assistant</i>	2	264

**JADUAL 4.24 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN BASIK MENGIKUT DISIPLIN DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA PADA TAHUN 2007 (SAMBUNGAN)**

Table 4.24. : Total Intake of Trainees for Basic Training Program by Disciplines in the Training Colleges of Ministry of Health Malaysia for the Year 2007 (Cont'd)

JENIS Type	BILANGAN KOLEJ LATIHAN/UNIVERSITI No. of Training Colleges/University	PENGAMBILAN MAKSIMA TAHUNAN Annual Intake Capacity
JURURAWAT PERGIGIAN <i>Dental Nurse</i>	1	118
JURUTEKNIK PERGIGIAN <i>Dental Technician</i>	1	40
PEMBANTU PEMBEDAHAN PERGIGIAN <i>Dental Surgery Assistant</i>	1	141

PUNCA : KEMENTERIAN KESIHATAN  
*Ministry of Health*

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

**JADUAL 4.25. : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN  
 KEMENTERIAN KESIHATAN MALAYSIA, 2007**

Table 4.25 : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2007

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 KEPADAL PELATIH* <i>Ratio of Teaching Staff to Students*</i>
JURUPULIH CARA KERJA <i>Occupational Therapist</i>	190	19	1: 10
JURUPULIH ANGGOTA <i>Physiotherapist</i>	193	26	1: 7.42
JURU X-RAY <i>Radiographer</i>	345	39	1: 8.85
JURUTEKNOLOGI MAKMAL PERUBATAN <i>Medical Laboratory Technologist</i>	847	77	1: 11
PEMBANTU PERUBATAN <i>Medical Assistant</i>	1,377	124	1: 11.11
JURURAWAT <i>Nurse</i>	6,801	550	1: 12.37
JURURAWAT MASYARAKAT <i>Community Nurse</i>	3,219	182	1: 17.67
PEMBANTU FARMASI <i>Pharmacist Assistant</i>	891	28	1: 31.82

**JADUAL 4.25. : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN  
 KEMENTERIAN KESIHATAN MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.25 : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2007 (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 KEPADAL PELATIH* <i>Ratio of Teaching Staff to Students*</i>
PEN. PEG. KESIHATAN PERSEKITARAN <i>Assistant Environmental Health Officer</i>	694	50	1: 13.88
PEMBANTU KESIHATAN AWAM <i>Public Health Assistant</i>	379	8	1: 47.38
JURURAWAT PERGIGIAN <i>Dental Nurse</i>	379		
JURUTEKNIK PERGIGIAN <i>Dental Technician</i>	120		
PEMBANTU PEMBEDAHAN PERGIGIAN <i>Dental Surgery Assistant</i>	239	{ 64 } { 1: 11.53 }	

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

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

**JADUAL 4.26. : PERUNTUKAN BELANJA MENGURUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM,  
 MALAYSIA, 2007**

Table 4.26. : *Operating Budget Allocation and Actual Expenditure by Programmes, Malaysia, 2007*

KOD PROGRAM <i>Program Code</i>	TAJUK <i>Title</i>	PERUNTUKAN <i>Allocation</i> (RM)	PERBELANJAAN <i>Expenditure</i> (RM)	PERATUSAN <i>Expenditure Percentage</i>
0010000	Pengurusan / Management	875,873,706	867,555,625	99.05%
0020000	Kesihatan Awam / Public Health	2,052,704,988	2,126,249,756	103.58%
0030000	Rawatan Perubatan / Medical Care	6,032,287,883	6,202,537,126	102.82%
0040000	Penyelidikan Dan Sokongan Teknikal / <i>Research And Technical Support</i>	185,586,711	183,339,151	98.79%
0050000	Dasar Baru / New Policies	298,277,642	274,148,986	91.91%
0060000	One-Off	127,088,870	117,995,230	92.84%
<b>JUMLAH / Total</b>		<b>9,571,819,800</b>	<b>9,771,825,874</b>	<b>102.09%</b>

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

**JADUAL 4.27. : PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK,  
 MALAYSIA, 2007**

Table 4.27 : Development Allocation and Actual Expenditure by Project Details, Malaysia, 2007

BUTIRAN (PROJEK) <i>Detail          (Project)</i>	TAJUK <i>Title</i>	PERUNTUKAN <i>Allocation</i> <i>(RM)</i>	PERBELANJAAN <i>Expenditure</i> <i>(RM)</i>	PERATUSAN <i>PERBELANJAAN</i> <i>Expenditure</i> <i>Percentage</i>
00100	Latihan / Training	213,265,000	198,401,509	93.03%
00200	Kesihatan Awam / Public Health	108,142,500	94,440,014	87.33%
00300	Kemudahan Hospital / Hospital Facilities	198,410,000	136,876,911	68.99%
00400	Hospital Baru / New Hospitals	168,032,600	157,686,430	93.84%
00500	Penyelidikan dan Pembangunan / Research and Development	43,750,000	39,135,094	89.45%
00600	Ubahsuai, Naiktaraf Dan Pembaikan / Renovation, Upgrading and Repairs	153,000,000	146,672,976	95.86%
00700	Perolehan Dan Penyelenggaran Tanah / Procurement and Land Maintenances	178,100,000	165,838,764	93.12%
00800	Kemudahan Teknologi Maklumat dan Komunikasi / Information Technology and Communication Facilities	221,536,400	215,356,479	97.21%
00900	Kemudahan Anggota / Staff Facilities	46,087,300	42,027,702	91.19%
01000	Promosi Kesihatan / Health Promotion	9,900,000	9,444,162	95.40%
01100	Peralatan dan Kenderaan / Equipments and Transport	288,514,000	265,134,821	91.90%
<b>JUMLAH / Total</b>		<b>1,628,737,800</b>	<b>1,471,014,862</b>	<b>90.32%</b>

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

**JADUAL 4.28. : PERATUS PERUNTUKAN BELANJAWAN KESIHATAN BERBANDING DENGAN BELANJAWAN NEGARA,  
MALAYSIA, 2007**

Table 4.28. : *Percentage of Health Budget Allocation to Total National Budget, Malaysia, 2007*

PERATUS PERUNTUKAN BELANJAWAN KESIHATAN : BELANJAWAN NEGARA <i>Percentage of Health Budget Allocation to National Budget</i>	7.02
BELANJAWAN NEGARA (MENGURUS DAN PEMBANGUNAN) <i>National Budget (Operating and Development)</i>	RM 159,496,147,000
BELANJAWAN KESIHATAN (ASAL) (MENGURUS DAN PEMBANGUNAN) <i>Health Budget (Original) (Operating and Development)</i>	RM 11,200,557,600

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

**JADUAL 4.29. : NISBAH KELUARAN NEGARA KASAR (KNK) BAGI KESIHATAN, MALAYSIA, 2007**

Table 4.29. : Proportion of Gross National Product (GNP) for Health, Malaysia, 2007

Keluaran Negara Kasar (KNK) Pada Harga Semasa (Juta) <i>Gross National Product (GNP) at Current Prices (Million)</i>	RM 628,106
Belanjawan Kesihatan (Asal) (Mengurus dan Pembangunan) (Juta) <i>Health Budget (Original) (Operating and Development) (Million)</i>	RM 11,201
Peratus KNK bagi Kesihatan <i>Percentage of GNP for Health</i>	1.78

PUNCA : LAPORAN EKONOMI 2008/2009 - KEMENTERIAN KEWANGAN MALAYSIA  
Source : *Economic Report 2008/2009 - Ministry of Finance Malaysia*

**JADUAL 4.30. : LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.30. : BCG Coverage for Infants by State, Malaysia, 2007

NEGERI State	KELAHIRAN HIDUP Live births	BILANGAN BAYI YANG DISUNTIK No. of Infants Vaccinated	PERATUS BAYI YANG DISUNTIK % of Infants Vaccinated
Perlis	4,287	4,176	97.4
Kedah	33,082	32,254	97.5
Pulau Pinang	23,683	23,314	98.4
Perak	36,793	36,624	99.5
Selangor & W.P. Putrajaya	66,395	65,117	98.1
W.P. Kuala Lumpur	N.A	N.A	N.A
Negeri Sembilan	17,155	16,665	97.1
Melaka	14,158	14,045	99.2
Johor	55,029	54,682	99.4
Pahang	26,161	26,053	99.6
Terengganu	20,099	19,985	99.4
Kelantan	33,516	32,920	98.2
Sabah	54,010	53,368	98.8
W.P. Labuan	1,520	1,495	98.4
Sarawak	43,177	42,390	98.2
<b>MALAYSIA</b>	<b>429,065</b>	<b>423,088</b>	<b>98.6</b>

PUNCA : BAHAGIAN KESIHATAN AWAM, KEMENTERIAN KESIHATAN MALAYSIA  
 Source : Public Health Division, Ministry of Health, Malaysia

**JADUAL 4.31 : LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA, DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.31. : Polio Immunisation Coverage of Infants (1st Dose, 3rd Dose) by State, Malaysia, 2007

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated No. of Live Births	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	3,500	3,513	100.37	3,461	98.89
Kedah	30,200	29,803	98.69	29,834	98.79
Pulau Pinang	21,600	21,355	98.87	22,244	102.98
Perak	35,000	34,229	97.80	35,051	100.15
Selangor	86,250	88,445	102.54	89,420	103.68
W.P. Kuala Lumpur	27,802	17,809	64.06	17,880	64.31
W.P. Putrajaya	1,200	1,284	107.00	1,230	102.50
Negeri Sembilan	17,000	15,719	92.46	16,257	95.63
Melaka	11,900	11,983	100.70	11,926	100.22
Johor	54,700	51,464	94.08	52,638	96.23
Pahang	23,770	23,879	100.46	24,125	101.49
Terengganu	20,600	19,676	95.51	20,209	98.10
Kelantan	28,120	27,395	97.42	27,069	96.26
Sabah	51,630	52,349	101.39	52,888	102.44
W.P. Labuan	1,550	1,572	101.42	1,624	104.77
Sarawak	40,589	42,420	104.51	42,644	105.06
<b>MALAYSIA</b>	<b>455,411</b>	<b>442,895</b>	<b>97.25</b>	<b>448,500</b>	<b>98.48</b>

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

**JADUAL 4.32. : LIPUTAN DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 – 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.32. : Coverage of Children of Age 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2007

NEGERI State	KANAK-KANAK BERUMUR 1 – 2 TAHUN YANG DIBERI DOS SEMULA PERTAMA POLIO Children of Age 1 – 2 Years Given 1st Booster Dose Polio		
	ANGGARAN KANAK-KANAK BERUMUR 1 – 2 TAHUN Estimated Children of Age 1 – 2 Years	BILANGAN DIBERI Number Given	LIPUTAN Coverage (%)
Perlis	3,997	2,982	74.61
Kedah	37,079	24,020	64.78
Pulau Pinang	24,163	19,338	80.03
Perak	42,653	30,502	71.51
Selangor	92,997	80,455	86.51
W.P. Kuala Lumpur	26,566	11,219	42.23
W.P. Putrajaya	1,010	962	95.25
Negeri Sembilan	17,513	13,741	78.46
Melaka	14,102	10,732	76.10
Johor	58,442	45,536	77.92
Pahang	25,864	20,350	78.68
Terengganu	22,153	17,605	79.47
Kelantan	36,248	22,547	62.20
Sabah	46,783	46,193	98.74
W.P. Labuan	1,507	1,443	95.75
Sarawak	44,110	38,982	88.37
<b>MALAYSIA</b>	<b>495,187</b>	<b>386,607</b>	<b>78.07</b>

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

**JADUAL 4.33. : LIPUTAN PELALIAN DOS SEMULA POLIO BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI,  
 MALAYSIA, 2007**

Table 4.33. : *Polio Immunisation Coverage of Booster Dose for Standard 1 Pupils by State, Malaysia, 2007*

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	4,429	4,418	99.8
Kedah	39,967	39,007	97.6
Pulau Pinang	26,806	26,552	99.1
Perak	46,780	44,371	94.9
Selangor	94,600	90,079	95.2
W.P. Kuala Lumpur	26,060	22,553	86.5
W.P. Putrajaya	1,018	1,017	99.9
Negeri Sembilan	19,587	19,511	99.6
Melaka	15,072	14,436	95.8
Johor	65,148	65,864	101.1
Pahang	27,129	26,558	97.9
Terengganu	23,099	22,563	97.7
Kelantan	35,466	34,757	98.0
Sabah	46,789	44,789	95.7
W.P. Labuan	1,390	1,273	91.6
Sarawak	45,588	25,775	56.5
<b>MALAYSIA</b>	<b>518,928</b>	<b>483,523</b>	<b>93.2</b>

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

**JADUAL 4.34 : LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.34 : *Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2007*

NEGERI State	ANGGARAN KELAHIRAN HIDUP <i>Estimated Number of Live Births</i>	DOS PERMULAAN (DOS PERTAMA) <i>Initial Dose (1st Dose)</i>		DOS PENAMAT (DOS KETIGA) <i>Completion Dose (3rd Dose)</i>	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	3,500	3,497	99.91	3,462	98.91
Kedah	30,200	30,531	101.10	30,321	100.40
Pulau Pinang	21,600	21,353	98.86	22,225	102.89
Perak	35,000	31,999	91.43	32,846	93.85
Selangor	86,250	86,941	100.80	87,851	101.86
W.P. Kuala Lumpur	27,802	17,814	64.07	17,821	64.10
W.P. Putrajaya	1,200	1,284	107.00	1,230	102.50
Negeri Sembilan	17,000	15,698	92.34	16,227	95.45
Melaka	11,900	11,147	93.67	11,140	93.61
Johor	54,700	53,370	97.57	54,472	99.58
Pahang	23,770	23,081	97.10	23,232	97.74
Terengganu	20,600	19,655	95.41	20,291	98.50
Kelantan	28,120	27,971	99.47	27,684	98.45
Sabah	51,630	48,919	94.75	49,709	96.28
W.P. Labuan	1,550	1,581	102.00	1,628	105.03
Sarawak	40,589	37,554	92.52	37,773	93.06
<b>MALAYSIA</b>	<b>455,411</b>	<b>432,395</b>	<b>94.95</b>	<b>437,912</b>	<b>96.16</b>

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

**JADUAL 4.35 : LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA), BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.35 : *Immunisation Coverage of Infants for Hib (1st and 3rd Dose) by State, Malaysia, 2007*

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Number of Live Births	DOS PERTAMA 1st Dose		DOS KETIGA 3rd Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	3,500	3,479	99.4	3,439	98.3
Kedah	30,200	30,247	100.2	30,045	99.5
Pulau Pinang	21,600	20,555	95.2	21,539	99.7
Perak	35,000	31,914	91.2	32,764	93.6
Selangor	86,250	86,645	100.5	87,284	101.2
W.P. Kuala Lumpur	27,802	17,630	63.4	17,792	64.0
W.P. Putrajaya	1,200	1,278	106.5	1,222	101.8
Negeri Sembilan	17,000	15,302	90.0	15,748	92.6
Melaka	11,900	11,104	93.3	10,877	91.4
Johor	54,700	52,500	96.0	53,587	98.0
Pahang	23,770	23,047	97.0	23,200	97.6
Terengganu	20,600	21,040	102.1	19,913	96.7
Kelantan	28,120	27,754	98.7	27,112	96.4
Sabah	51,630	41,239	79.9	42,458	82.2
W.P. Labuan	1,550	1,581	102.0	1,629	105.1
Sarawak	40,589	36,247	89.3	35,678	87.9
<b>MALAYSIA</b>	<b>455,411</b>	<b>421,562</b>	<b>92.57</b>	<b>424,287</b>	<b>93.2</b>

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

**JADUAL 4.36 : LIPUTAN PELALIAN DOS SEMULA "DOUBLE ANTIGEN" BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI,  
 MALAYSIA, 2007**

Table 4.36 : Coverage of Standard 1 Pupils For Booster Dose Double Antigen by State, Malaysia, 2007

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	4,429	4,418	99.8
Kedah	39,967	38,947	97.4
Pulau Pinang	26,806	26,552	99.1
Perak	46,780	44,371	94.9
Selangor	94,600	90,071	95.2
W.P. Kuala Lumpur	26,060	22,553	86.5
W.P. Putrajaya	1,018	1,017	99.9
Negeri Sembilan	19,587	19,512	99.6
Melaka	15,072	14,274	94.7
Johor	65,148	65,935	101.2
Pahang	27,129	26,558	97.9
Terengganu	23,099	22,563	97.7
Kelantan	35,466	34,757	98.0
Sabah	46,789	44,489	95.1
W.P. Labuan	1,390	1,273	91.6
Sarawak	45,588	25,775	56.5
<b>MALAYSIA</b>	<b>518,928</b>	<b>483,065</b>	<b>93.1</b>

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

**JADUAL 4.37 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA, DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.37 : *Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose, 4th Dose) by State, Malaysia, 2007*

NEGERI State	ANGGARAN KELAHIRAN HIDUP <i>Estimated Number of Live Births</i>	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	3,500	30	0.86	3450	98.57	3329	95.11	3432	98.06
Kedah	30,200	16278	53.90	29651	98.18	28941	95.83	28711	95.07
Pulau Pinang	21,600	15272	70.70	20734	95.99	21643	100.20	20100	93.06
Perak	35,000	33256	95.02	34544	98.70	34428	98.37	34651	99.00
Selangor	86,250	29655	34.38	86251	100.00	87354	101.28	77072	89.36
W.P. Kuala Lumpur	27,802	28728	103.33	18819	67.69	18513	66.59	16019	57.62
W.P. Putrajaya	1,200	1125	93.75	1270	105.83	1297	108.08	1181	98.42
Negeri Sembilan	17,000	15723	92.49	15205	89.44	15391	90.54	14165	83.32
Melaka	11,900	2870	24.12	11485	96.51	11827	99.39	11301	94.97
Johor	54,700	39858	72.87	51115	93.45	52369	95.74	47654	87.12
Pahang	23,770	17208	72.39	23574	99.18	23987	100.91	22711	95.54
Terengganu	20,600	7233	35.11	19452	94.43	18984	92.16	19520	94.76
Kelantan	28,120	6543	23.27	27430	97.55	27130	96.48	25830	91.86
Sabah	51,630	41299	79.99	50960	98.70	53254	103.15	43305	83.88
W.P. Labuan	1,550	150	9.68	1587	102.39	1611	103.94	1622	104.65
Sarawak	40,589	38966	96.00	36943	91.02	38091	93.85	32845	80.92
<b>MALAYSIA</b>	<b>455,411</b>	<b>294,194</b>	<b>64.60</b>	<b>432,470</b>	<b>94.96</b>	<b>438,149</b>	<b>96.21</b>	<b>400,119</b>	<b>87.86</b>

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

**JADUAL 4.38 : LIPUTAN PELALIAN MEASLES UNTUK BAYI DAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 – < 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.38 : Immunisation Coverage of Measles for Infant and MMR (Mump, Measles And Rubella) for Children Aged 1 – < 2 Year by State, Malaysia, 2007

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Number of Live Births	ANGGARAN PENDUDUK BERUMUR (1 – < 2 TAHUN) Estimated Population Aged (1 – < 2 Years)	BAYI YANG TELAH DIBERI PELALIAN MEASLES Measles Immunisation Given to Infants		KANAK-KANAK BERUMUR 1 – < 2 TAHUN TELAH DIBERI PELALIAN MMR MMR Immunisation Given to Children Aged 1 – < 2 Years	
			BILANGAN Number	LIPUTAN Coverage %	BILANGAN Number	LIPUTAN Coverage %
Perlis	3,500	3,997	11	0.3	3236	81.0
Kedah	30,200	37,079	39	0.1	28858	77.8
Pulau Pinang	21,600	24,163	184	0.9	20314	84.1
Perak	35,000	42,653	1283	3.7	33273	78.0
Selangor	86,250	92,997	392	0.5	91818	98.7
W.P. Kuala Lumpur	27,802	26,566	581	2.1	15688	59.1
W.P. Putrajaya	1,200	1,010	0	-	1176	116.4
Negeri Sembilan	17,000	17,513	25	0.1	15058	86.0
Melaka	11,900	14,102	5	0.0	11198	79.4
Johor	54,700	58,442	12	0.0	51147	87.5
Pahang	23,770	25,864	11	0.0	23674	91.5
Terengganu	20,600	22,153	0	-	18910	85.4
Kelantan	28,120	36,248	0	-	27246	75.2
Sabah	51,630	46,783	53263	103.2	49886	106.6
W.P. Labuan	1,550	1,507	0	-	1552	103.0
Sarawak	40,589	44,110	3047	7.5	40310	91.4
<b>MALAYSIA</b>	<b>455,411</b>	<b>495,187</b>	<b>58,853</b>	<b>12.9</b>	<b>433,344</b>	<b>87.5</b>

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

**JADUAL 4.39 : LIPUTAN IBU-IBU MENGANDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.39 : Coverage of Ante-Natal Mothers (1st Visit) by State, Malaysia 2007

NEGERI State	ANGGARAN IBU MENGANDUNG <i>Estimated Number of Pregnant Mothers</i>	BILANGAN KEDATANGAN IBU MENGANDUNG (LAWATAN PERTAMA) <i>Number of Ante-Natal Attendances (1st Visit)</i>	LIPUTAN IBU MENGANDUNG (LAWATAN PERTAMA) <i>Coverage of Ante-Natal (1st Visit)</i> %
Perlis	4,025	4,845	120.4
Kedah	34,730	31,373	90.3
Pulau Pinang	24,842	19,492	78.5
Perak	40,250	32,873	81.7
Selangor	98,210	96,141	97.9
W.P. Kuala Lumpur	31,972	29,825	93.3
W.P. Putrajaya	1,380	1,417	102.7
Negeri Sembilan	18,860	18,035	95.6
Melaka	13,686	12,442	90.9
Johor	63,769	61,806	96.9
Pahang	27,336	24,526	89.7
Terengganu	23,690	20,968	88.5
Kelantan	32,339	28,788	89.0
Sabah	59,379	54,028	91.0
W.P. Labuan	1,785	1,792	100.4
Sarawak	46,680	42,211	90.4
<b>MALAYSIA</b>	<b>522,933</b>	<b>480,562</b>	<b>91.9</b>

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

**JADUAL 4.40. : LIPUTAN IBU-IBU MENGANDUNG YANG DIBERI TETANUS TOXOID MENGIKUT NEGERI, MALAYSIA, 2007**

Table 4.40. : Coverage of Ante-Natal Mothers for Tetanus Toxoid and by State, Malaysia, 2007

NEGERI State	ANGGARAN KELAHIRAN HIDUP Estimated Number of Live Births	DOS PERTAMA /DOS SEMULA 1st Dose / Booster Dose		DOS KEDUA / DOS SEMULA (DOS PENAMAT) 2nd Dose or Booster Dose (Completion Dose)	
		BILANGAN Number	LIPUTAN Coverage %	BILANGAN Number	LIPUTAN Coverage %
Perlis	3,500	2,705	77.3	2,622	74.9
Kedah	30,200	27,102	89.7	27,549	91.2
Pulau Pinang	21,600	17,613	81.5	17,375	80.4
Perak	35,000	28,009	80.0	27,975	79.9
Selangor	86,250	76,114	88.2	77,918	90.3
W.P. Kuala Lumpur	27,802	20,869	75.1	18,547	66.7
W.P. Putrajaya	1,200	1,492	124.3	1,464	122.0
Negeri Sembilan	17,000	13,867	81.6	13,618	80.1
Melaka	11,900	10,347	86.9	10,092	84.8
Johor	54,700	45,518	83.2	44,624	81.6
Pahang	23,770	19,790	83.3	19,569	82.3
Terengganu	20,600	18,329	89.0	18,378	89.2
Kelantan	28,120	22,158	78.8	22,418	79.7
Sabah	51,630	39,778	77.0	40,007	77.5
W.P. Labuan	1,550	1,487	95.9	1,472	95.0
Sarawak	40,589	36,354	89.6	35,998	88.7
<b>MALAYSIA</b>	<b>455,411</b>	<b>381,532</b>	<b>83.8</b>	<b>379,626</b>	<b>83.4</b>

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

**JADUAL 4.41. : KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2007**

Table 4.41. : *Deliveries Attended by Trained Personnel, Malaysia, 2007*

KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH <i>Deliveries Attended by Trained Personnel</i>	BILANGAN Number	PERATUS Percentage
<b>JUMLAH KELAHIRAN <i>Total Deliveries</i></b>	<b>437,519</b>	
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (KERAJAAN) <i>Deliveries by Trained Personnel (Government)</i></b>	<b>357,315</b>	<b>81.67</b>
- HOSPITAL KERAJAAN <i>Government Hospitals</i>	347,410	79.40
- KEMUDAHAN KESIHATAN AWAM <i>Public Health Facilities</i>	9,905	2.26
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (SWASTA) <i>Deliveries by Trained Personnel (Private)</i></b>	<b>73,981</b>	<b>16.91</b>
- HOSPITAL SWASTA / <i>Private Hospitals</i>	62,406	14.26
- RUMAH BERSALIN SWASTA / <i>Private Maternity Homes</i>	11,575	2.65
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (KERAJAAN DAN SWASTA) <i>Deliveries by Trained Personnel (Government and Private)</i></b>	<b>431,296</b>	<b>98.58</b>

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

**JADUAL 4.42. : BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2003-2007**

Table 4.42. : Number of New Family Planning Acceptors by Type of Methods, Malaysia 2003-2007

KAEDAH Methods	2003		2004		2005		2006		2007	
	BIL Number	%	BIL Number	%	BIL Number	%	BIL Number	%	BIL Number	%
Pil/Pill	54,797	73	59,482	71.7	63,488	71.1	64,728	61.7	64,500	61.2
Alat Dalam Rahim (ADR) <i>Ultra Uterine Device (IUD)</i>	3,411	5	3,623	4.4	3,595	4.0	3,457	3.6	3,392	3.5
Kondom/Condom	8,230	11	9,202	11.1	10,060	11.3	11, 812	12.4	12,104	12.7
Suntikan/Injection	5,167	7	6,389	7.7	7,194	8.1	9,150	9.6	10,443	10.9
Sterilisasi/Sterilization										
-Tubaligasi/Tubaligation	2,666	4	3,162	3.8	3,581	4.0	4,234	4.4	3,841	4.0
-Vesektomi/Vasectomy	1	0	2	0.0	5	0.0	5	0.0	1	0.0
Lain-Lain/Others	1,203	2	1,104	1.3	1,409	1.6	2,011	2.1	1,607	1.7
<b>Jumlah/Total</b>	<b>75,472</b>	<b>100</b>	<b>82,964</b>	<b>100.00</b>	<b>89,332</b>	<b>100.00</b>	<b>95,397</b>	<b>100.0</b>	<b>95,831</b>	<b>100.0</b>

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

**JADUAL 4.43. : LIPUTAN RUMAH YANG MENGGUNAKAN BEKALAN AIR SEMPURNA DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2007**

Table 4.43. : Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as on 31st December, 2007

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	38,718	38,162	98.56
Kedah	180,670	175,858	97.34
Penang	71,437	71,120	99.56
Perak	150,787	147,129	97.57
Selangor	101,566	101,566	100.00
N.Sembilan	66,848	66,723	99.81
Melaka	69,275	69,164	99.84
Johor	146,034	145,997	99.97
Pahang	151,366	149,386	98.69
Terengganu	134,138	130,476	97.27
Kelantan	252,822	205,753	81.38
Sabah	194,454	187,721	96.54
Sarawak	200,411	188,696	94.15
<b>MALAYSIA</b>	<b>1,758,526</b>	<b>1,677,751</b>	<b>95.41</b>

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

**JADUAL 4.44. : LIPUTAN RUMAH YANG MENGGUNAKAN TANDAS SEMPURNA DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBWER, 2007**

Table 4.44. : Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as on 31st December, 2007

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	38,718	38,498	99.43
Kedah	180,670	178,068	98.56
Penang	71,437	71,228	99.71
Perak	150,787	148,562	98.52
Selangor	101,566	100,590	99.04
N.Sembilan	66,848	66,823	99.96
Melaka	69,275	69,153	99.82
Johor	146,034	145,884	99.90
Pahang	151,366	147,868	97.69
Terengganu	134,138	133,490	99.52
Kelantan	252,822	246,307	97.42
Sabah	194,454	189,700	97.56
Sarawak	200,411	185,113	92.37
<b>MALAYSIA</b>	<b>1,758,526</b>	<b>1,721,284</b>	<b>97.88</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.45. : LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN AIR LIMBAH DI KAWASAN LUAR BANDAR  
 MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2007**

Table 4.45. : Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as on 31st December, 2007

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR <i>Number of Houses in Rural Area</i>	LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN AIR LIMBAH <i>Houses Covered with Sullage Disposal System</i>	
		RUMAH Houses	PERATUS Percentage
Perlis	38,718	19,724	50.94
Kedah	180,670	92,375	51.13
Penang	71,437	53,735	75.22
Perak	150,787	78,446	52.02
Selangor	101,566	93,398	91.96
N.Sembilan	66,848	52,593	78.68
Melaka	69,275	57,434	82.91
Johor	146,034	133,751	91.59
Pahang	151,366	102,281	67.57
Terengganu	134,138	66,646	49.68
Kelantan	252,822	79,248	31.35
Sabah	194,454	118,296	60.83
Sarawak	200,411	134,264	66.99
<b>MALAYSIA</b>	<b>1,758,526</b>	<b>1,082,191</b>	<b>61.54</b>

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

**JADUAL 4.46 : LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN SISA PEPEJAL DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2007**

Table 4.46 : Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as on 31st December, 2007

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR Number of Houses in Rural Area	LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN SISA PEPEJAL <i>Houses Covered with Solid Waste Disposal System</i>	
		RUMAH Houses	PERATUS Percentage
Perlis	38,718	22,714	58.67
Kedah	180,670	122,490	67.80
Penang	71,437	64,472	90.25
Perak	150,787	86,258	57.21
Selangor	101,566	93,907	92.46
N.Sembilan	66,848	50,038	74.85
Melaka	69,275	63,999	92.38
Johor	146,034	136,652	93.58
Pahang	151,366	97,051	64.12
Terengganu	134,138	84,343	62.88
Kelantan	252,822	127,163	50.30
Sabah	194,454	112,599	57.91
Sarawak	200,411	146,427	73.06
<b>MALAYSIA</b>	<b>1,758,526</b>	<b>1,208,113</b>	<b>68.70</b>

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

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>PERLIS</b> Hospital Kangar	404	404	75.68	74.95	4.08	1.31
<b>Jumlah Negeri / State Total</b>	<b>404</b>	<b>404</b>	<b>75.68</b>	<b>74.95</b>	<b>4.08</b>	<b>1.31</b>
<b>KEDAH</b>						
Hospital Alor Setar	812	812	75.75	154.59	4.01	1.29
Hospital Sungai Petani	498	498	73.07	103.89	3.52	1.30
Hospital Kulim	277	277	67.11	59.27	3.14	1.54
Hospital Baling	160	160	49.12	28.26	2.78	2.88
Hospital Langkawi	110	110	53.91	21.01	2.83	2.42
Hospital Yan	89	89	48.34	16.00	2.68	2.87
Hospital Jitra	103	103	40.97	17.28	2.44	3.51
Hospital Sik	93	93	44.30	17.54	2.35	2.96
Hospital Kuala Nerang	72	72	45.49	10.28	3.20	3.83
<b>Jumlah Negeri / State Total</b>	<b>2,214</b>	<b>2,214</b>	<b>66.03</b>	<b>428.11</b>	<b>3.43</b>	<b>1.76</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (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	1,090	74.54	157.78	5.14	1.76
Hospital Bukit Mertajam	242	242	47.25	34.67	3.30	3.68
Hospital Seberang Jaya	314	314	93.09	95.73	3.06	0.23
Hospital Sungai Bakap	105	105	52.10	18.63	2.94	2.70
Hospital Balik Pulau	71	71	66.64	6.74	7.04	3.52
Hospital Kepala Batas	108	108	67.31	19.14	3.79	1.84
<b>Jumlah Negeri / State Total</b>	<b>1,930</b>	<b>1,930</b>	<b>72.22</b>	<b>332.68</b>	<b>4.19</b>	<b>1.61</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>PERAK</b>						
Hospital Ipoh	990	990	66.20	162.41	4.04	2.06
Hospital Taiping	608	608	68.36	118.92	3.50	1.62
Hospital Teluk Intan	548	548	43.51	71.73	3.33	4.32
Hospital Parit Buntar	120	120	39.41	19.62	2.41	3.71
Hospital Kuala Kangsar	136	136	43.11	16.72	3.50	4.62
Hospital Batu Gajah	160	160	33.35	20.78	2.57	5.14
Hospital Kampar	90	90	32.44	10.35	2.81	5.85
Hospital Tapah	100	100	39.26	15.80	2.48	3.84
Hospital Slim River	140	140	55.89	25.60	3.08	2.43
Hospital Seri Manjung	270	270	71.95	59.43	3.29	1.28
Hospital Gerik	75	75	38.77	13.01	2.24	3.54
Hospital Selama	90	90	28.15	8.49	2.98	7.61
Hospital Changkat Melintang	50	50	46.30	10.44	2.21	2.57
Hospital Sungai Siput	93	93	41.01	13.31	2.87	4.13
<b>Jumlah Negeri / State Total</b>	<b>3,470</b>	<b>3,470</b>	<b>55.49</b>	<b>566.61</b>	<b>3.40</b>	<b>2.73</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>SELANGOR</b>						
Hospital Tengku Ampuan Rahimah,Klang	864	864	87.57	228.83	3.28	0.47
Hospital Kajang	306	306	72.34	71.29	3.11	1.19
Hospital Kuala Kubu Baru	150	150	37.79	17.22	3.31	5.44
Hospital Tanjung Karang	114	114	48.44	23.66	2.33	2.48
Hospital Banting	151	151	55.52	28.94	2.89	2.32
Hospital T.Ampuan Jemaah, Sabak Bernam	93	93	39.33	13.00	2.82	4.34
Hospital Sungai Buluh	328	328	73.64	39.58	4.07	1.46
Hospital Selayang*	960	816	59.19	111.40	4.19	2.89
Hospital Serdang	620	382	40.46	65.56	3.84	5.66
Hospital Ampang	209	181	73.10	29.00	5.32	1.96
<b>Jumlah Negeri / State Total</b>	<b>3,651</b>	<b>3,651</b>	<b>64.05</b>	<b>628.49</b>	<b>3.58</b>	<b>2.01</b>

NOTA : \* PENGIRAAN KADAR KEGUNAAN KATIL MENGIKUT KATIL OPERASI  
 Note : \* Calculation of Bed Occupancy Rate Based on Operational Beds

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (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	2,302	2,302	69.04	315.18	5.05	2.26
<b>Jumlah Negeri / State Total</b>	<b>2,302</b>	<b>2,302</b>	<b>69.04</b>	<b>315.18</b>	<b>5.05</b>	<b>2.26</b>
<b>WILAYAH PERSEKUTUAN PUTRAJAYA</b> Hospital Putrajaya	272	272	58.78	51.81	3.06	2.15
<b>Jumlah Negeri / State Total</b>	<b>272</b>	<b>272</b>	<b>58.78</b>	<b>51.81</b>	<b>3.06</b>	<b>2.15</b>
<b>WILAYAH PERSEKUTUAN LABUAN</b> Hospital Labuan	109	109	52.07	16.53	3.42	3.15
<b>Jumlah Negeri / State Total</b>	<b>109</b>	<b>109</b>	<b>52.07</b>	<b>16.53</b>	<b>3.42</b>	<b>3.15</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>NEGERI SEMBILAN</b>						
Hospital Tuanku Jaafar, Seremban	850	850	69.10	148.98	3.94	1.76
Hospital Tuanku Ampuan Najihah, Kuala Pilah	314	314	50.79	58.01	2.75	2.67
Hospital Tampin	85	85	49.45	14.67	2.86	2.93
Hospital Port Dickson	94	94	50.17	18.84	2.51	2.49
Hospital Jelebu	76	76	33.19	7.34	3.43	6.90
Hospital Jempol	108	108	24.05	8.58	2.98	9.42
<b>Jumlah Negeri / State Total</b>	<b>1,527</b>	<b>1,527</b>	<b>58.10</b>	<b>256.42</b>	<b>3.46</b>	<b>2.50</b>
<b>MELAKA</b>						
Hospital Melaka	795	795	89.46	175.17	4.12	0.49
Hospital Alor Gajah	29	29	75.96	7.12	3.12	0.99
Hospital Jasin	76	76	30.24	8.05	2.86	6.60
<b>Jumlah Negeri / State Total</b>	<b>900</b>	<b>900</b>	<b>84.03</b>	<b>190.35</b>	<b>4.03</b>	<b>0.77</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>JOHOR</b>						
Hospital Sultanah Aminah, Johor Bahru	989	989	93.65	219.98	4.21	0.29
Hospital Pakar Sultanah Fatimah,Muar	550	550	66.00	87.42	4.14	2.13
Hospital Batu Pahat	314	314	85.76	87.96	3.05	0.51
Hospital Segamat	221	221	76.67	55.61	3.05	0.93
Hospital Kluang	244	244	61.92	54.72	2.75	1.69
Hospital Kota Tinggi	158	158	60.89	37.47	2.55	1.64
Hospital Pontian	120	120	45.19	23.92	2.27	2.75
Hospital Mersing	55	55	60.78	12.40	2.70	1.74
Hospital Tangkak	69	69	42.88	8.19	3.60	4.80
Hospital T.S Maharaja Tun Ibrahim, Kulai	93	93	68.40	33.12	1.92	0.89
Hospital Sultan Ismail, Pandan	704	704	24.19	42.92	3.99	12.51
<b>Jumlah Negeri / State Total</b>	<b>3,517</b>	<b>3,517</b>	<b>66.15</b>	<b>663.73</b>	<b>3.50</b>	<b>1.79</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (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	718	718	79.72	126.65	4.53	1.15
Hospital Pekan	110	110	35.39	14.93	2.62	4.77
Hospital Sultan Haji Ahmad Shah, Temerloh	420	420	80.02	88.54	3.82	0.95
Hospital Bentong	152	152	38.78	16.30	3.60	5.68
Hospital Raub	89	89	45.94	14.99	2.72	3.20
Hospital Kuala Lipis	128	128	61.79	21.09	3.76	2.32
Hospital Jerantut	77	77	52.66	16.13	2.52	2.26
Hospital Jengka	70	70	73.84	18.31	2.83	1.00
Hospital Muadzam Shah	49	49	67.21	14.75	2.24	1.09
Hospital Cameron Highland	28	28	46.72	5.40	2.43	2.77
<b>Jumlah Negeri / State Total</b>	<b>1,841</b>	<b>1,841</b>	<b>68.69</b>	<b>337.08</b>	<b>3.76</b>	<b>1.71</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>TERENGGANU</b>						
Hospital Sultanah Nur Zahirah, Kuala Terengganu	821	821	73.33	156.33	3.86	1.40
Hospital Kemaman	116	116	74.91	34.30	2.54	0.85
Hospital Dungun	92	92	67.95	25.44	2.46	1.16
Hospital Besut	140	140	58.20	30.09	2.71	1.95
Hospital Hulu Terengganu	89	89	35.64	13.19	2.41	4.35
Hospital Setiu	76	76	29.79	9.15	2.48	5.84
<b>Jumlah Negeri / State Total</b>	<b>1,334</b>	<b>1,334</b>	<b>66.51</b>	<b>268.49</b>	<b>3.31</b>	<b>1.67</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>KELANTAN</b>						
Hospital Raja Perempuan Zainab 2, Kota Bahru	920	920	74.40	148.64	4.62	1.59
Hospital Kuala Krai	150	150	64.71	30.28	3.21	1.75
Hospital Machang	90	90	42.31	16.45	2.32	3.16
Hospital Tumpat	119	119	41.33	13.64	3.62	5.13
Hospital Pasir Mas	120	120	57.79	25.17	2.76	2.02
Hospital Tanah Merah	120	120	62.07	23.40	3.19	1.95
Hospital Tengku Anis, Pasir Puteh	75	75	62.13	18.32	2.55	1.55
Hospital Gua Musang	34	34	83.08	9.08	3.11	0.63
Hospital Jeli	24	24	75.88	6.26	2.92	0.93
<b>Jumlah Negeri / State Total</b>	<b>1,652</b>	<b>1,652</b>	<b>66.93</b>	<b>291.25</b>	<b>3.81</b>	<b>1.88</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (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	68.90	67.45	6.11	2.76
Hospital Duchess of Kent, Sandakan	323	323	67.45	47.89	4.56	2.20
Hospital Tawau	401	401	52.25	55.07	3.85	3.52
Hospital Beaufort	275	275	24.21	14.38	4.65	14.56
Hospital Beluran	52	52	35.73	6.63	2.78	4.99
Hospital Keningau	212	212	67.25	37.85	3.77	1.84
Hospital Kota Belud	172	172	66.26	27.27	4.18	2.13
Hospital Kudat	180	180	56.14	22.28	4.55	3.55
Hospital Lahad Datu	268	268	44.56	35.91	3.34	4.16
Hospital Papar	77	77	41.88	12.59	2.57	3.56
Hospital Ranau	91	91	59.95	17.38	3.15	2.10
Hospital Semporna	70	70	48.56	12.72	2.67	2.83

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (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 Tambunan	49	49	53.51	8.45	3.11	2.70
Hospital Tenom	92	92	32.81	10.25	2.94	6.01
Hospital Sipitang	93	93	24.05	5.75	3.90	12.31
Hospital Kota Marudu	97	97	86.67	22.81	3.68	0.57
Hospital Kinabatangan	68	68	43.26	7.91	3.72	4.88
Hospital Likas	498	498	55.28	75.75	3.63	2.94
Hospital Kuala Penyu	48	48	25.29	4.36	2.78	8.23
Hospital Kunak	48	48	42.44	6.76	3.01	4.08
Hospital Pitas	48	48	56.69	7.84	3.49	2.66
<b>Jumlah Negeri / State Total</b>	<b>3,751</b>	<b>3,751</b>	<b>54.48</b>	<b>507.29</b>	<b>4.04</b>	<b>3.38</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (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 Kuching	765	765	78.12	122.07	4.90	1.37
Hospital Sri Aman	145	145	22.44	13.65	2.38	8.22
Hospital Sibu	534	534	61.83	73.27	4.51	2.78
Hospital Miri	333	333	66.01	54.00	4.08	2.10
Hospital Limbang	100	100	29.48	10.63	2.77	6.64
Hospital Sarikei	212	212	33.63	21.56	3.30	6.51
Hospital Kapit	134	134	31.17	13.16	3.16	6.97
Hospital Serian	70	70	54.76	16.25	2.36	1.95
Hospital Lundu	46	46	34.81	6.17	2.60	4.88
Hospital Saratok	106	106	24.84	8.12	3.25	9.83

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>SARAWAK</b>						
Hospital Mukah	80	80	29.92	8.46	2.84	6.65
Hospital Kanowit	100	100	22.64	6.06	3.73	12.75
Hospital Bintulu	284	284	47.35	40.51	3.32	3.69
Hospital Marudi	54	54	37.32	5.64	3.59	6.03
Hospital Lawas	46	46	47.31	6.62	3.29	3.66
Hospital Bau	68	68	29.76	7.44	2.73	6.45
Hospital Simunjan	42	42	19.17	3.22	2.51	10.57
Hospital Betong	68	68	30.01	7.44	2.74	6.39
Hospital Daro	68	68	12.98	3.62	2.44	16.37
RCBM Sarawak, Kuching	20	20	52.08	0.01	1267.33	1166.00
<b>Jumlah Negeri / State Total</b>	<b>3,275</b>	<b>3,275</b>	<b>51.73</b>	<b>427.92</b>	<b>3.96</b>	<b>3.70</b>

**JADUAL 4.47. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2007 (SAMBUNGAN)**

Table 4.47. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2007 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI State and Location of Hospitals and Institutions	BILANGAN KATIL Number of Beds		KADAR KEGUNAAN KATIL Bed Occupancy Rate (%)	PURATA KEMASUKAN HARIAN Daily Average Number of Admissions	PURATA JANGKAMASA TINGGAL Mean Length of Stay in Days	JANGKAMASA KATIL DIKOSONGKAN Turnover Interval in Days
	KATIL RASMI Official Beds	KATIL OPERASI Operational Beds				
<b>SPECIAL MEDICAL INSTITUTION</b>						
Institut Perubatan Respiratori, Kuala Lumpur	110	110	43.91	6.30	7.83	10.00
Hospital Bahagia, Ulu Kinta	2,600	2,600	68.66	8.15	209.05	95.41
Hospital Permai, Tampoi	1,400	1,400	91.13	7.52	167.22	16.27
Pusat Kawalan Kusta Negara, Sg. Buloh	250	250	70.96	1.16	94.40	38.62
Hospital Mesra Bukit Padang, Sabah	302	302	52.32	2.05	76.49	69.71
Hospital Sentosa, Sarawak	338	338	64.89	1.23	174.80	94.57
<b>Jumlah Institusi / Institution Total</b>	<b>5,000</b>	<b>5,000</b>	<b>73.28</b>	<b>26.42</b>	<b>133.04</b>	<b>48.50</b>
<b>Jumlah Negeri / State Total</b>	<b>37,293</b>	<b>36,883</b>	<b>64.23</b>	<b>5,383.30</b>	<b>4.42</b>	<b>2.46</b>

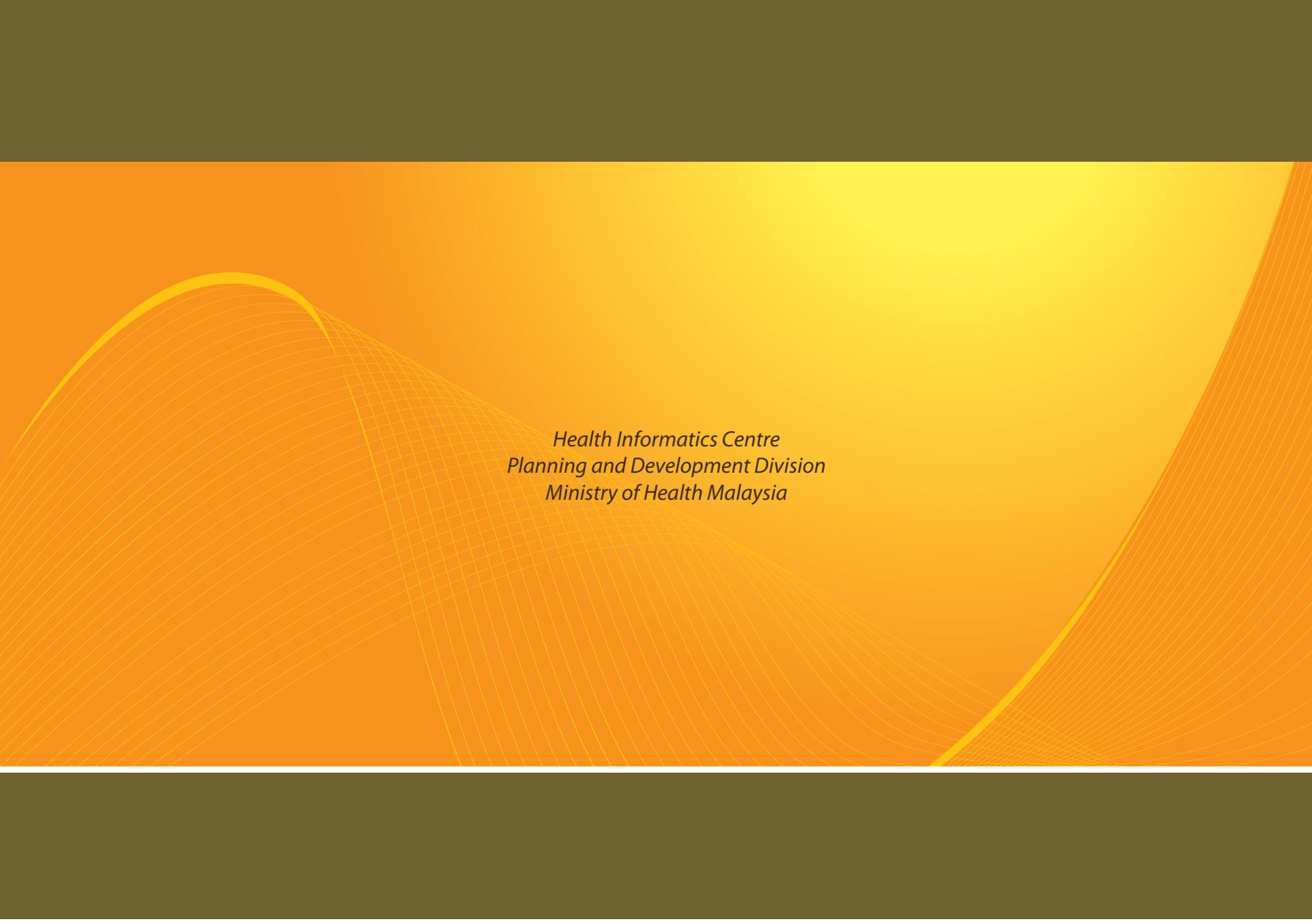
PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.  
 Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.48. : LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DIRI DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH, MALAYSIA, 2007**

Table 4.48 : Coverage of School Children Treated Under Personal Oral Health Care and Percentage Given All Required Oral Health Treatment, Malaysia, 2007

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	49,842	50,606	98.49	48,171	96.65
Kedah	347,217	409,802	84.73	327,298	94.26
Pulau Pinang	241,087	257,552	93.61	231,978	96.22
Perak	470,046	479,179	98.09	452,225	96.21
Selangor	710,672	870,150	81.67	680,599	95.77
W.P. Kuala Lumpur	252,531	253,905	99.46	245,915	97.38
W.P. Putrajaya	9,322	9,390	98.28	9,228	98.99
W.P. Labuan	13,443	13,614	98.74	13,298	98.92
Negeri Sembilan	186,708	202,976	91.99	181,522	97.22
Melaka	155,035	156,461	99.09	153,041	98.71
Johor	611,708	632,275	96.75	599,752	98.05
Pahang	290,590	293,131	99.13	282,223	97.12
Terengganu	245,460	266,478	92.11	227,352	92.62
Kelantan	286,967	385,900	74.36	240,998	83.98
Sabah	306,156	429,925	71.21	279,843	91.41
Sarawak	292,798	484,475	60.44	272,701	93.14
<b>MALAYSIA</b>	<b>4,469,582</b>	<b>5,195,819</b>	<b>86.02</b>	<b>4,246,144</b>	<b>95.00</b>

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



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