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# PETUNJUK KESIHATAN HEALTH INDICATORS

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

# 2009

PUSAT INFORMATIK KESIHATAN  
BAHAGIAN PERANCANGAN DAN PEMBANGUNAN  
KEMENTERIAN KESIHATAN MALAYSIA



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## VISI KESIHATAN

Negara menggembleng tenaga ke arah kesihatan yang lebih baik

### MISI KEMENTERIAN KESIHATAN

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

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

## VISION FOR HEALTH

A nation working together for better health.

### MISSION OF MINISTRY OF HEALTH

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

i. to facilitate and support the people to:

- attain fully their potential in health
- appreciate health as a valuable asset
- take individual responsibility and positive action for their health

ii. to ensure a high quality health system that is:

- equitable
- affordable
- efficient
- technologically appropriate
- environmentally adaptable
- customer centred
- innovative

iii. with emphasis on:

- professionalism, caring and teamwork value
- respect for human dignity
- community participation

## **TERAS KEEMPAT RANCANGAN MALAYSIA KE 9 (RMKe-9) : MENINGKATKAN TAHAP DAN KEMAMAPAN 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 memanfaatkan sumber yang ada untuk faedah optimum kepada masyarakat. Penekanan juga akan diberi bagi memperkukuh 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 mengurangkan beban penyakit bagi meningkatkan lagi taraf kesihatan;
- Menambah baik sistem penyampaian penjagaan kesihatan bagi meningkatkan akses kepada penjagaan berkualiti.
- Mengoptimalkan sumber melalui pengukuhan dan intergrasi.
- Meningkatkan R&D untuk menyokong dalam membuat keputusan berasaskan bukti;
- Mengurus krisis dan bencana berkaitan kesihatan secara berkesan
- Meningkatkan pembangunan sumber manusia; dan
- Memperkukuhkan 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-26 sejak Rangka Umum yang pertama bagi penilaian digunakan dalam tahun 1985. Sehingga kini, senarai petunjuk global tidak berubah. Petunjuk ini adalah penting bagi negara-negara anggota Pertubuhan Kesihatan Sedunia (WHO) menilai strategi nasional masing-masing ke arah matlamat-matlamat HFA.

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

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

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



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

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

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

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

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

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

## **PETUNJUK BAGI PEMANTAUAN DAN PENILAIAN STRATEGI DIPERINGKAT KEBANGSAAN**

Petunjuk di dalam buku petunjuk kesihatan ini telah pun dikategorikan mengikut perkara-perkara seperti berikut:-

- a) Petunjuk tahap pembangunan sosial dan sosio-ekonomi
- b) Petunjuk tahap kesihatan
- c) Petunjuk masalah kesihatan khusus
- d) Petunjuk kemajuan perkhidmatan kesihatan

Petunjuk ini mencerminkan kedudukan dalam negeri dan kaedah pengiraan petunjuk ini mungkin berbeza sedikit daripada itu yang biasa diguna oleh Pertubuhan Kesihatan Sedunia.

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

Kebanyakan petunjuk ini diberi dengan lebih terperinci mengikut pecahan kawasan, jantina dan kawasan bandar/luar bandar.

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

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

### **THE GLOBAL STRATEGY**

This is the 26th edition of the "Indicators For Monitoring and Evaluation of The Strategy Health For All" since the first Common Framework for evaluation (CFE) was carried out in 1985. The global indicators have remained unchanged ever since. These indicators represented the essential minimum for member countries of WHO to evaluate their own national strategy towards HFA goals.

Following each alternating cycle of monitoring and evaluation by the member countries and by the regional coordinating centres, the Executive Board of the WHO and the World Health Assembly was able to evaluate the HFA strategy globally. With each global monitoring and evaluation, the list of indicators was modified to ensure that it was adequate. In the course of the global reviews, the list of indicators was supplemented by sub-indicators and additional indicators to facilitate country monitoring and evaluation.

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

The first CFM was carried out in 1982 followed by a CFE in 1985. The second CFM was in 1988, again followed by a CFE in 1991. The third CFM was carried out in 1994 and again followed by a CFE in 1997.

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

- a) Monitoring and evaluation process and mechanism
- b) National health policies and strategies
- c) Development of health systems
- d) International action
- e) Availability of health care
- f) Health and socio-economic status

In the present CFM 3, the order of the original list of 12 global indicators has been rearranged to match the sequence of the areas monitored viz,

- a) Trends in health status
- b) Implementing of primary health care
- c) Development of health systems based on PHC
- d) Resources for health
- e) Trends in healthy lifestyles and environment Population and socio-economic trends

The CFM3 has attempted to incorporate two additional information, one on disability trends and the other on healthy lifestyle and environment.

In addition, information for monitoring the goals for child survival, development and protection via 27 indicators recommended by the World Summit for Children in September 1990 was included as proposed by WHO/UNICEF for a mid-decade review of the progress made towards achievement of major goals by the Year 2000.

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

The indicators in this current issue of the monitoring and evaluation of strategy for Health For All have been categorised under the following:

- a) Social and socio-economic indicators
- b) Health status indicators
- c) Specific health problems indicators
- d) Health services improvement indicators

These indicators reflect the national scenario and the derivation and method of computation for some of these may differ slightly from WHO conventional formulae.

However, all the global indicators (other than those in the form of policy statements) are to be found in the national indicators either in their basic form or adaptations of these.

Where relevant, many of the indicators are given in desegregated values by geographical entities, sex and rural & urban dichotomy.

These indicators should be used to monitor and evaluate the strategies of implementation of health programmes at the operational level. It is of utmost importance that programme managers provide periodic feedback as to the validity and usefulness of these indicators. This will eventually assist the Ministry in the overall evaluation of progress made towards the national strategy HFA.



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# 1

PETUNJUK TAHAP PEMBANGUNAN SOSIAL  
DAN SOSIO-EKONOMI  
*Social and Socio-Economic Development  
Status Indicators*





**JADUAL 1.1. : ENROLMEN SEKOLAH RENDAH\* MENGIKUT JANTINA DAN NEGERI, MALAYSIA, 2009**

Table 1.1. : Primary School\* Enrolment by Sex and State, Malaysia, 2009

NEGERI <i>State</i>	LELAKI <i>Male</i>	PEREMPUAN <i>Female</i>	JUMLAH <i>Total</i>
Perlis	13,400	12,803	26,203
Kedah	117,328	111,109	228,437
Pulau Pinang	77,094	73,698	150,792
Perak	129,862	123,033	252,895
Selangor	270,073	253,670	523,743
W.P. Kuala Lumpur	74,781	71,361	146,142
W.P. Putrajaya	3,498	3,401	6,899
Negeri Sembilan	57,804	54,664	112,468
Melaka	45,869	42,947	88,816
Johor	187,865	176,330	364,195
Pahang	83,118	78,261	161,379
Terengganu	70,359	66,919	137,278
Kelantan	107,236	101,762	208,998
Sabah	141,047	132,217	273,264
W.P. Labuan	4,015	3,833	7,848
Sarawak	139,349	130,386	269,735
<b>MALAYSIA</b>	<b>1,522,698</b>	<b>1,436,394</b>	<b>2,959,092</b>

\* TAHUN 1 HINGGA TAHUN 6 TERMASUK KANAK KANAK KEPERLUAN KHAS (Seperti pada 31 Julai 2009)

\* Year 1 to Year 6 Including Special Needs Pupils (As at 31 July 2009)

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, 2009**

Table 1.2. : Number of Children Completed Lower Secondary\* School by Sex and State, Malaysia, 2009

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	2,358	2,231	4,589
Kedah	17,477	17,360	34,837
Pulau Pinang	11,395	11,191	22,586
Perak	21,218	21,144	42,362
Selangor	37,346	36,849	74,195
W.P. Kuala Lumpur	10,829	10,795	21,624
W.P. Putrajaya	678	486	1,164
Negeri Sembilan	9,121	9,074	18,195
Melaka	7,025	6,982	14,007
Johor	26,343	27,000	53,343
Pahang	11,921	11,861	23,782
Terengganu	11,341	11,423	22,764
Kelantan	15,310	15,225	30,535
Sabah	18,426	18,697	37,123
W.P. Labuan	595	539	1,134
Sarawak	19,492	20,118	39,610
<b>MALAYSIA</b>	<b>220,875</b>	<b>220,975</b>	<b>441,850</b>

\* KANAK-KANAK YANG TELAH MENGHADIRI 9 TAHUN PERSEKOLAHAN (TINGKATAN III) (Seperti pada 31 Julai 2009)

\* Children who had attended 9 Years of Schooling (Form III) (As at 31 July 2009)

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, 2009**

Table 1.3. : Number of Children Completed Upper Secondary\* School by Sex and State, Malaysia, 2009

NEGERI State	LELAKI Male	PEREMPUAN Female	JUMLAH Total
Perlis	2,460	2,299	4,759
Kedah	15,045	16,015	31,060
Pulau Pinang	9,875	10,201	20,076
Perak	19,256	19,876	39,132
Selangor	31,410	32,206	63,616
W.P. Kuala Lumpur	9,563	10,276	19,839
W.P. Putrajaya	541	368	909
Negeri Sembilan	9,050	8,879	17,929
Melaka	6,468	6,759	13,227
Johor	23,006	24,656	47,662
Pahang	11,498	11,848	23,346
Terengganu	10,498	11,343	21,841
Kelantan	14,175	15,436	29,611
Sabah	15,964	17,414	33,378
W.P. Labuan	549	559	1,108
Sarawak	17,907	19,116	37,023
<b>MALAYSIA</b>	<b>197,265</b>	<b>207,251</b>	<b>404,516</b>

\* KANAK-KANAK YANG TELAH MENGHADIRI 9 TAHUN PERSEKOLAHAN (TINGKATAN III) (Seperti pada 31 Julai 2009)

\* Children who had attended 9 Years of Schooling (Form III) (As at 31 July 2009) (As at 31 July 2009)

PUNCA : KEMENTERIAN PELAJARAN MALAYSIA.

Source : Ministry of Education Malaysia.

**JADUAL 1.4. : KELUARAN DALAM NEGERI KASAR, KELUARAN NEGARA KASAR DAN ANGGARAN PENDUDUK, MALAYSIA, 2009**

Table 1.4. : *Gross Domestic Product, Gross National Product and Estimated Population, Malaysia 2009*

KELUARAN DALAM NEGERI KASAR (KDNK) (HARGA MALAR 2000) (DALAM JUTA) <i>Gross Domestic Product (GDP) (Constant 2000 prices) (In million)</i>	RM 512,447
PER KAPITA KDNK (HARGA MALAR 2000) <i>Per Capita GDP (Constant 2000 prices)</i>	RM 18,101
KELUARAN NEGARA KASAR (KNK)(HARGA SEMASA) (DALAM JUTA) <i>Gross National Product (GNP) (Current prices)</i>	RM 681,001
PENDAPATAN PER KAPITA (HARGA SEMASA) <i>Per Capita Income (Current prices)</i>	RM 24,055
ANGGARAN PENDUDUK (DALAM JUTA) <i>Estimated Population (In million)</i>	28.31

PUNCA : JADUAL PERANGKAAAN LAPORAN EKONOMI 2009/2010 - KEMENTERIAN KEWANGAN MALAYSIA.  
Source : *Statistical Tables Economic Report 2009/2010 - Ministry of Finance Malaysia.*

**JADUAL 1.5. : PURATA KADAR PERTUMBUHAN PENDUDUK TAHUNAN, MALAYSIA, 2005 - 2009**  
Table 1.5. : *Average Annual Population Growth Rate, Malaysia, 2005 - 2009*

<b>TAHUN</b> <i>Year</i>	<b>PURATA KADAR PERTUMBUHAN PENDUDUK TAHUNAN</b> <i>Average Annual Population Growth Rate</i>
2005	2.1
2006	1.9
2007	2.0
2008	2.0
2009	2.1

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, 2009**

Table 1.6. : *Percentage of Population by Age Group, Total Dependency Ratio and Sex Ratio by State, Malaysia, 2009*

NEGERI State	PERATUSAN PENDUDUK MENGIKUT KUMPULAN UMUR (TAHUN) <i>Percentage of Population by Age Group (Years)</i>			JUMLAH NISBAH TANGGUNGAN <i>Total Dependency Ratio</i>	NISBAH JANTINA (LELAKI BAGI 100 PEREMPUAN) <i>Sex Ratio ( Males per 100 Females )</i>
	0 - 14 TAHUN Years	15 - 64 TAHUN Years	65 TAHUN & KEATAS Years & Above		
Perlis	32.2	61.3	6.5	63.2	96
Kedah	33.3	61.5	5.3	62.7	99
Pulau Pinang	27.6	66.8	5.6	49.8	97
Perak	30.1	63.1	6.8	58.6	101
Selangor <sup>1</sup>	31.2	65.5	3.3	52.8	104
W.P. Kuala Lumpur	31.0	64.6	4.4	54.8	103
Negeri Sembilan	29.9	64.8	5.3	54.4	106
Melaka	32.3	62.1	5.6	61.0	101
Johor	31.9	63.4	4.7	57.6	106
Pahang	30.7	65.0	4.4	54.0	110
Terengganu	34.5	61.7	3.9	62.1	106
Kelantan	37.1	58.2	4.7	71.8	101
Sabah	32.3	64.6	3.1	54.9	106
W.P. Labuan	33.1	64.3	2.6	55.4	107
Sarawak	32.9	62.2	5.0	60.9	105
<b>MALAYSIA</b>	<b>31.9</b>	<b>63.6</b>	<b>4.5</b>	<b>57.2</b>	<b>104</b>

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

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

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : *Department of Statistics, Malaysia.*

**JADUAL 1.7. : BILANGAN DAN PERATUS PENDUDUK BANDAR DAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA, 2009**  
Table 1.7. : Number and Percentage of Urban and Rural Population by State, Malaysia, 2009

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	240.7	86.1	35.8	154.7	64.3
Kedah	2,000.0	804.1	40.2	1195.9	59.8
Pulau Pinang	1,577.3	1,261.4	80.0	315.9	20.0
Perak	2,393.3	1,417.5	59.2	975.8	40.8
Selangor	5,111.4	4,538.9	88.8	572.5	11.2
W.P. Kuala Lumpur	1,655.1	1,655.1	100.0	0	0.0
W.P. Putrajaya	68.2	68.2	100.0	0	0.0
Negeri Sembilan	1,013.9	580.0	57.2	433.9	42.8
Melaka	769.3	560.9	72.9	208.4	27.1
Johor	3,385.2	2,284.8	67.5	1100.4	32.5
Pahang	1,543.3	684.9	44.4	858.4	55.6
Terengganu	1,121.1	562.7	50.2	558.4	49.8
Kelantan	1,634.2	544.2	33.3	1090.0	66.7
Sabah	3,201.0	1,641.2	51.3	1559.8	48.7
W.P. Labuan	89.0	69.8	78.4	19.2	21.6
Sarawak	2,503.6	1,261.7	50.4	1241.9	49.6
<b>MALAYSIA</b>	<b>28,306.7</b>	<b>18,021.5</b>	<b>63.7</b>	<b>10,285.2</b>	<b>36.3</b>

Nota/Notes:

- Unjuran penduduk berasaskan kepada Banci Penduduk 2000 yang disesuaikan.  
*Population projections based on the adjusted 2000 Population Census.*
- Jumlah campuran mungkin berbeza kerana pembundaran.  
*The added total may differ due to rounding.*

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

**JADUAL 1.8. : KADAR LITERASI PENDUDUK MENGIKUT TAHAP UMUR DAN JANTINA, MALAYSIA, 2005 - 2009**  
Table 1.8. : Literacy Rate of Population by Age and State, Malaysia, 2005 - 2009

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 %
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
2008	92.9	95.1	90.6	92.1	94.7	89.5
2009	93.3	95.5	91.1	92.7	95.2	90.2

NOTA / Note :

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

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



**JADUAL 1.9. : JANGKAAN HAYAT KETIKA LAHIR MENGIKUT JANTINA, MALAYSIA, 2005 - 2009**

Table 1.9. : Life Expectancy at Birth by Sex, Malaysia, 2005 - 2009

<b>TAHUN</b> Year	<b>LELAKI</b> Male (Bilangan Tahun/Number of Years)	<b>PEREMPUAN</b> Female (Bilangan Tahun/Number of Years)
2005	71.36	76.17
2006	71.48	76.26
2007	71.54	76.33
2008 <sup>P</sup>	71.58	76.40
2009 <sup>P</sup>	71.67	76.54

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

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

**JADUAL 1.10. : TABURAN PERATUS KELAHIRAN HIDUP\* MENGIKUT BERAT KELAHIRAN BAGI MALAYSIA, 2005 - 2009**  
*Table 1.10. : Percentage Distribution of Live Births\* by Birth Weight, Malaysia, 2005 – 2009*

TAHUN Year	TABURAN PERATUS *KELAHIRAN HIDUP MENGIKUT BERAT KELAHIRAN <i>Percentage Distribution of *Live Births by Birth Weight</i>	
	Di Bawah 2.5 kg <i>Under 2.5 kg</i>	2.5 kg dan Lebih <i>2.5 kg and over</i>
2005	10.1	89.9
2006	10.5	89.5
2007	10.6	89.4
2008	10.8	89.2
2009 <sup>P</sup>	11.1	88.9

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

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

# 2

## PETUNJUK TAHAP KESIHATAN *Health Status Indicators*



**JADUAL 2.1. : KEMATIAN PERINATAL (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2007 - 2008**  
Table 2.1. : *Perinatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2007 - 2008*

NEGERI State	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	37	9.4	22	10.8	15	7.8	35	8.4	23	10.6	12	6.0
Kedah	333	9.8	170	9.8	163	9.9	340	9.6	191	10.5	149	8.7
Pulau Pinang	169	7.6	89	7.7	80	7.4	168	7.3	90	7.6	78	7.1
Perak	275	7.6	136	7.3	139	7.9	283	7.7	158	8.3	125	7.0
Selangor <sup>1</sup>	539	5.7	277	5.7	262	5.7	587	5.9	326	6.4	261	5.5
W.P. K.Lumpur	157	6.3	86	6.6	71	5.8	161	6.3	77	5.9	84	6.8
Negeri Sembilan	131	7.7	88	10.1	43	5.2	145	8.4	88	10.0	57	6.8
Melaka	120	9.0	51	7.4	69	10.7	142	10.5	79	11.5	63	9.4
Johor	417	7.3	234	7.9	183	6.6	388	6.8	223	7.5	165	6.0
Pahang	222	8.9	121	9.5	101	8.3	201	7.8	110	8.3	91	7.4
Terengganu	270	12.1	141	12.2	129	11.9	250	10.7	132	10.9	118	10.5
Kelantan	340	10.0	199	11.4	141	8.6	344	9.9	205	11.3	139	8.3
Sabah	142	3.1	87	3.7	55	2.5	189	3.8	98	3.8	91	3.8
W.P.Labuan	16	10.2	11	13.4	5	6.8	20	11.9	11	13.0	9	10.8
Sarawak	268	6.4	146	6.7	122	6.0	307	7.1	167	7.4	140	6.8
<b>MALAYSIA</b>	<b>3,436</b>	<b>7.2</b>	<b>1,858</b>	<b>7.6</b>	<b>1,578</b>	<b>6.9</b>	<b>3,560</b>	<b>7.3</b>	<b>1,978</b>	<b>7.8</b>	<b>1,582</b>	<b>6.7</b>

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, 2007 - 2008**

Table 2.2. : Stillbirths (Number and Rate\*) by State and Sex, Malaysia, 2007 - 2008

NEGERI State	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	19	4.8	11	5.4	8	4.2	17	4.1	11	5.1	6	3.0
Kedah	193	5.7	98	5.6	95	5.8	190	5.4	97	5.3	93	5.4
Pulau Pinang	103	4.6	48	4.2	55	5.1	104	4.5	49	4.1	55	5.0
Perak	180	5.0	93	5.0	87	5.0	186	5.1	103	5.4	83	4.7
Selangor <sup>1</sup>	330	3.5	161	3.3	169	3.7	344	3.5	191	3.7	153	3.2
W.P. K.Lumpur	81	3.2	45	3.5	36	3.0	103	4.1	50	3.8	53	4.3
Negeri Sembilan	85	5.0	54	6.2	31	3.8	89	5.2	52	5.9	37	4.4
Melaka	70	5.3	27	3.9	43	6.7	83	6.1	50	7.3	33	4.9
Johor	248	4.3	133	4.5	115	4.2	214	3.7	123	4.2	91	3.3
Pahang	156	6.3	85	6.7	71	5.8	122	4.8	66	5.0	56	4.5
Terengganu	167	7.5	92	8.0	75	6.9	151	6.5	81	6.7	70	6.2
Kelantan	232	6.8	134	7.7	98	6.0	220	6.3	129	7.1	91	5.4
Sabah	90	2.0	55	2.3	35	1.6	110	2.2	58	2.2	52	2.2
W.P.Labuan	5	3.2	4	4.9	1	1.4	13	7.7	7	8.3	6	7.2
Sarawak	147	3.5	81	3.7	66	3.3	182	4.2	95	4.2	87	4.2
<b>MALAYSIA</b>	<b>2,106</b>	<b>4.4</b>	<b>1,121</b>	<b>4.6</b>	<b>985</b>	<b>4.3</b>	<b>2,128</b>	<b>4.3</b>	<b>1,162</b>	<b>4.6</b>	<b>966</b>	<b>4.1</b>

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

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

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.3. : KEMATIAN NEONATAL (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2007 - 2008**  
Table 2.3. : Neonatal Deaths (Number and Rate\*) by State and Sex, Malaysia, 2007 - 2008

NEGERI State	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	23	5.9	14	6.9	9	4.7	24	5.8	15	6.9	9	4.5
Kedah	177	5.3	91	5.3	86	5.3	191	5.4	119	6.6	72	4.2
Pulau Pinang	86	3.9	53	4.6	33	3.1	80	3.5	54	4.6	26	2.4
Perak	138	3.8	66	3.6	72	4.1	131	3.6	79	4.2	52	2.9
Selangor <sup>1</sup>	283	3.0	157	3.2	126	2.8	331	3.4	189	3.7	142	3.0
W.P. K.Lumpur	99	4.0	54	4.2	45	3.7	81	3.2	39	3.0	42	3.4
Negeri Sembilan	69	4.1	46	5.3	23	2.8	74	4.3	48	5.5	26	3.1
Melaka	65	4.9	32	4.7	33	5.2	76	5.6	34	5.0	42	6.3
Johor	211	3.7	115	3.9	96	3.5	238	4.2	136	4.6	102	3.7
Pahang	95	3.8	52	4.1	43	3.6	109	4.3	61	4.6	48	3.9
Terengganu	143	6.4	68	5.9	75	7.0	150	6.4	82	6.8	68	6.1
Kelantan	151	4.5	94	5.4	57	3.5	169	4.9	103	5.7	66	3.9
Sabah	69	1.5	39	1.6	30	1.3	99	2.0	52	2.0	47	2.0
W.P.Labuan	11	7.1	7	8.6	4	5.4	8	4.8	5	5.9	3	3.6
Sarawak	158	3.8	86	4.0	72	3.6	161	3.8	99	4.4	62	3.0
<b>MALAYSIA</b>	<b>1,778</b>	<b>3.8</b>	<b>974</b>	<b>4.0</b>	<b>804</b>	<b>3.5</b>	<b>1,922</b>	<b>3.9</b>	<b>1,115</b>	<b>4.4</b>	<b>807</b>	<b>3.4</b>

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

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

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.4. : KEMATIAN BAYI (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2007 - 2008**  
Table 2.4. : Infant Deaths (Number and Rate\*) by State and Sex, Malaysia, 2007 - 2008

NEGERI State	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	29	7.4	18	8.9	11	5.8	33	7.9	22	10.2	11	5.5
Kedah	261	7.8	132	7.6	129	7.9	277	7.9	161	8.9	116	6.8
Pulau Pinang	129	5.8	73	6.4	56	5.2	130	5.7	80	6.8	50	4.6
Perak	242	6.7	119	6.4	123	7.1	227	6.2	124	6.6	103	5.8
Selangor <sup>1</sup>	493	5.2	279	5.7	214	4.7	529	5.4	296	5.8	233	4.9
W.P. K.Lumpur	152	6.1	85	6.6	67	5.5	118	4.7	56	4.3	62	5.1
Negeri Sembilan	105	6.2	62	7.1	43	5.3	117	6.8	72	8.2	45	5.4
Melaka	104	7.8	51	7.4	53	8.3	110	8.2	48	7.0	62	9.3
Johor	337	5.9	182	6.2	155	5.6	381	6.7	218	7.4	163	5.9
Pahang	195	7.9	115	9.1	80	6.6	191	7.5	112	8.5	79	6.4
Terengganu	220	9.9	110	9.6	110	10.2	214	9.2	118	9.8	96	8.6
Kelantan	269	8.0	166	9.6	103	6.3	270	7.8	160	8.9	110	6.6
Sabah	126	2.7	72	3.0	54	2.4	176	3.6	95	3.7	81	3.4
W.P.Labuan	16	10.3	9	11.0	7	9.5	15	9.0	11	13.1	4	4.8
Sarawak	248	5.9	137	6.3	111	5.5	257	6.0	156	7.0	101	4.9
<b>MALAYSIA</b>	<b>2,926</b>	<b>6.2</b>	<b>1,610</b>	<b>6.6</b>	<b>1,316</b>	<b>5.8</b>	<b>3,045</b>	<b>6.2</b>	<b>1,729</b>	<b>6.9</b>	<b>1,316</b>	<b>5.6</b>

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

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



**JADUAL 2.5. : KEMATIAN KANAK-KANAK (BILANGAN DAN KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2007 - 2008**  
Table 2.5. : *Toddler Deaths (Number and Rate\*) by State and Sex, Malaysia, 2007 - 2008*

NEGERI State	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	9	0.6	5	0.6	4	0.5	11	0.7	7	0.9	4	0.5
Kedah	66	0.5	38	0.5	28	0.4	67	0.5	40	0.6	27	0.4
Pulau Pinang	40	0.4	23	0.5	17	0.4	27	0.3	16	0.3	11	0.3
Perak	91	0.6	57	0.7	34	0.5	74	0.5	37	0.5	37	0.5
Selangor <sup>1</sup>	107	0.3	59	0.3	48	0.3	133	0.4	77	0.4	56	0.3
W.P. K.Lumpur	29	0.3	16	0.3	13	0.3	37	0.4	23	0.5	14	0.3
Negeri Sembilan	30	0.4	19	0.6	11	0.3	27	0.4	15	0.4	12	0.4
Melaka	23	0.4	14	0.5	9	0.3	17	0.3	12	0.4	5	0.2
Johor	66	0.3	33	0.3	33	0.3	111	0.5	66	0.6	45	0.4
Pahang	73	0.7	41	0.8	32	0.7	70	0.7	33	0.6	37	0.8
Terengganu	48	0.5	27	0.6	21	0.5	47	0.5	28	0.6	19	0.4
Kelantan	105	0.8	62	0.9	43	0.6	110	0.8	55	0.8	55	0.8
Sabah	44	0.2	25	0.3	19	0.2	36	0.2	21	0.2	15	0.2
W.P.Labuan	1	0.2	0	0	1	0.3	3	0.5	2	0.6	1	0.3
Sarawak	83	0.5	43	0.5	40	0.5	72	0.4	37	0.4	35	0.4
<b>MALAYSIA</b>	<b>815</b>	<b>0.4</b>	<b>462</b>	<b>0.5</b>	<b>353</b>	<b>0.4</b>	<b>842</b>	<b>0.4</b>	<b>469</b>	<b>0.5</b>	<b>373</b>	<b>0.4</b>

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

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

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

**JADUAL 2.6. : KEMATIAN DI BAWAH LIMA TAHUN (BILANGAN & KADAR\*) MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2007 - 2008**

Table 2.6. : Deaths under five years of age (Number and Rate\*) by State and Sex, Malaysia, 2007 - 2008

NEGERI State	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	38	9.7	23	11.4	15	7.9	44	10.6	29	13.4	15	7.5
Kedah	327	9.7	170	9.8	157	9.6	344	9.8	201	11.1	143	8.4
Pulau Pinang	169	7.6	96	8.4	73	6.8	157	6.9	96	8.1	61	5.6
Perak	333	9.3	176	9.5	157	9.0	301	8.2	161	8.5	140	7.9
Selangor <sup>1</sup>	600	6.4	338	6.9	262	5.7	662	6.7	373	7.3	289	6.1
W.P. K.Lumpur	181	7.2	101	7.8	80	6.6	155	6.1	79	6.1	76	6.2
Negeri Sembilan	135	8.0	81	9.3	54	6.6	144	8.4	87	10.0	57	6.8
Melaka	127	9.6	65	9.5	62	9.7	127	9.4	60	8.8	67	10.1
Johor	403	7.1	215	7.3	188	6.8	492	8.6	284	9.6	208	7.5
Pahang	268	10.8	156	12.3	112	9.3	261	10.2	145	11.0	116	9.4
Terengganu	268	12.1	137	12.0	131	12.2	261	11.2	146	12.1	115	10.3
Kelantan	374	11.1	228	13.2	146	8.9	380	11.0	215	12.0	165	9.9
Sabah	170	3.7	97	4.1	73	3.3	212	4.3	116	4.5	96	4.0
W.P.Labuan	17	10.9	9	11.0	8	10.8	18	10.8	13	15.5	5	6.0
Sarawak	331	7.9	180	8.3	151	7.5	329	7.7	193	8.6	136	6.6
<b>MALAYSIA</b>	<b>3,741</b>	<b>7.9</b>	<b>2,072</b>	<b>8.5</b>	<b>1,669</b>	<b>7.3</b>	<b>3,887</b>	<b>8.0</b>	<b>2,198</b>	<b>8.7</b>	<b>1,689</b>	<b>7.2</b>

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

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

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.7. : KEMATIAN IBU BERSALIN (BILANGAN DAN KADAR\*) MENGIKUT NEGERI, MALAYSIA, 2007 - 2008**  
Table 2.7. : *Maternal Deaths (Number and Rate\*) by State, Malaysia, 2007 - 2008*

NEGERI State	2007		2008	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	2	0.5	1	0.2
Kedah	11	0.3	13	0.4
Pulau Pinang	5	0.2	4	0.2
Perak	9	0.3	13	0.4
Selangor <sup>1</sup>	20	0.2	22	0.2
W.P. K.Lumpur	3	0.1	5	0.2
Negeri Sembilan	5	0.3	7	0.4
Melaka	2	0.2	6	0.4
Johor	29	0.5	10	0.2
Pahang	7	0.3	9	0.4
Terengganu	4	0.2	1	0.0
Kelantan	9	0.3	12	0.3
Sabah	20	0.4	14	0.3
W.P.Labuan	0	0	1	0.6
Sarawak	11	0.3	15	0.3
<b>MALAYSIA</b>	<b>137</b>	<b>0.3</b>	<b>133</b>	<b>0.3</b>

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

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

**JADUAL 2.8 : KADAR KESUBURAN JUMLAH, MALAYSIA, 2005 - 2009**  
Table 2.8. : Total Fertility Rate, Malaysia, 2005 - 2009

<b>TAHUN</b> Year	<b>KADAR KESUBURAN JUMLAH (SETIAP PEREMPUAN BERUMUR 15 - 49 TAHUN)</b> Total Fertility Rate (Per Female Aged 15 - 49 Years)
2005	2.4
2006	2.3
2007	2.3
2008	2.3
2009 <sup>P</sup>	2.3

<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, 2007 - 2008**  
Table 2.9. : Deaths (Number and Rate) by Specific Age Groups, Malaysia, 2007 - 2008

KUMPULAN UMUR Age Group	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
< 1	2,926	6.3	1,610	6.7	1,316	5.8	3,045	6.4	1,729	7.1	1,316	5.7
1 - 4	815	0.4	462	0.5	353	0.4	842	0.4	469	0.5	373	0.4
5 - 9	662	0.2	402	0.3	260	0.2	616	0.2	362	0.3	254	0.2
10 - 14	770	0.3	478	0.3	292	0.2	793	0.3	486	0.3	307	0.2
15 - 19	1,755	0.7	1,303	1.0	452	0.4	1,836	0.7	1,360	1.0	476	0.4
20 - 24	2,210	0.9	1,709	1.4	501	0.4	2,242	0.9	1,703	1.4	539	0.4
25 - 29	2,154	1.0	1,601	1.5	553	0.5	2,345	1.1	1,741	1.6	604	0.5
30 - 34	2,698	1.4	2,018	2.1	680	0.7	2,749	1.4	2,061	2.1	688	0.7
35 - 39	3,311	1.8	2,365	2.5	946	1.0	3,393	1.8	2,461	2.6	932	1.0
40 - 44	4,264	2.5	2,908	3.3	1,356	1.6	4,434	2.5	3,042	3.4	1,392	1.6
45 - 49	5,853	3.9	3,867	5.0	1,986	2.7	5,935	3.8	3,951	5.0	1,984	2.6
50 - 54	7,529	5.9	4,895	7.5	2,634	4.2	7,920	6.0	5,179	7.7	2,741	4.3
55 - 59	8,834	9.2	5,527	11.2	3,307	7.1	9,668	9.5	6,189	11.9	3,479	7.0
60 - 64	10,495	15.6	6,593	19.1	3,902	11.9	10,984	15.5	6,895	19.0	4,089	11.9
65 - 69	12,648	25.4	7,544	30.8	5,104	20.2	13,076	25.3	7,941	31.0	5,135	19.8
70 - 74	14,320	41.5	7,965	49.7	6,355	34.4	15,875	44.2	8,830	53.0	7,045	36.6
75 - 79	14,201	65.4	7,066	70.8	7,135	60.7	14,530	64.1	7,155	69.1	7,375	59.8
80 +	22,722	126.7	9,854	125.1	12,868	128.0	24,555	128.3	10,651	126.1	13,904	130.0
Tidak diketahui Unknown	-	-	-	-	-	-	19	-	-	-	19	-
<b>JUMLAH</b>	<b>118,167</b>	<b>4.5</b>	<b>68,167</b>	<b>5.1</b>	<b>50,000</b>	<b>3.9</b>	<b>124,857</b>	<b>4.7</b>	<b>72,205</b>	<b>5.4</b>	<b>52,652</b>	<b>4.0</b>

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

**JADUAL 2.10 : KELAHIRAN HIDUP DAN KADAR KASAR KELAHIRAN\* MENGIKUT NEGERI DAN JANTINA, MALAYSIA, 2007 - 2008**  
Table 2.10 : Live Births and Crude Births Rate\* by State and Sex, Malaysia, 2007- 2008

NEGERI State	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate	Kelahiran Live Births	Kadar Rate
Perlis	3,927	17.4	2,018	18.1	1,909	16.6	4,152	18.1	2,161	19.2	1,991	17.1
Kedah	33,630	18.2	17,285	18.8	16,345	17.5	35,116	18.8	18,035	19.4	17,081	18.1
Pulau Pinang	22,196	15.4	11,465	15.9	10,731	14.8	22,764	15.6	11,833	16.3	10,931	14.9
Perak	35,990	15.8	18,560	16.3	17,430	15.4	36,543	15.9	18,834	16.4	17,709	15.5
Selangor <sup>1</sup>	94,324	20.0	48,728	20.2	45,596	19.7	98,404	20.5	50,907	20.8	47,497	20.2
W.P. K.Lumpur	25,031	16.1	12,916	16.3	12,115	15.8	25,290	16.0	13,030	16.3	12,260	15.8
Negeri Sembilan	16,866	17.7	8,697	17.9	8,169	17.5	17,104	17.8	8,743	17.8	8,361	17.7
Melaka	13,260	18.6	6,856	19.1	6,404	18.0	13,454	18.6	6,810	18.8	6,644	18.4
Johor	56,865	18.5	29,369	18.5	27,496	18.4	57,080	18.3	29,513	18.4	27,567	18.2
Pahang	24,725	17.2	12,647	16.9	12,078	17.5	25,511	17.5	13,232	17.5	12,279	17.6
Terengganu	22,213	21.6	11,456	22.0	10,757	21.3	23,257	22.3	12,077	22.8	11,180	21.8
Kelantan	33,646	21.7	17,312	22.3	16,334	21.0	34,663	22.0	17,948	22.8	16,715	21.1
Sabah	45,979	15.9	23,674	15.9	22,305	15.9	49,456	16.9	25,735	17.0	23,721	16.7
W.P.Labuan	1,556	18.2	817	18.3	739	18.2	1,668	19.2	841	18.6	827	20.0
Sarawak	41,840	18.1	21,686	18.4	20,154	17.7	42,884	18.2	22,353	18.7	20,531	17.7
<b>MALAYSIA</b>	<b>472,048</b>	<b>18.1</b>	<b>243,486</b>	<b>18.3</b>	<b>228,562</b>	<b>17.8</b>	<b>487,346</b>	<b>18.4</b>	<b>252,052</b>	<b>18.7</b>	<b>235,294</b>	<b>18.1</b>

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, 2007 - 2008**

Table 2.11 : Deaths and Crude Death Rate\* by State and Sex, Malaysia, 2007 - 2008

NEGERI State	2007						2008					
	Jumlah/Total		Lelaki/Male		Perempuan/Female		Jumlah/Total		Lelaki/Male		Perempuan/Female	
	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate	Kematian Deaths	Kadar Rate
Perlis	1,483	6.6	805	7.2	678	5.9	1,604	7.0	931	8.3	673	5.8
Kedah	10,806	5.8	6,137	6.7	4,669	5.0	10,957	5.9	6,263	6.7	4,694	5.0
Pulau Pinang	8,271	5.7	4,661	6.5	3,610	5.0	8,383	5.8	4,649	6.4	3,734	5.1
Perak	14,753	6.5	8,346	7.3	6,407	5.6	15,205	6.6	8,674	7.6	6,531	5.7
Selangor <sup>1</sup>	15,604	3.3	9,121	3.8	6,483	2.8	17,394	3.6	10,123	4.1	7,271	3.1
W.P. K.Lumpur	5,976	3.8	3,398	4.3	2,578	3.4	6,141	3.9	3,463	4.3	2,678	3.4
Negeri Sembilan	5,081	5.3	2,993	6.2	2,088	4.5	5,687	5.9	3,327	6.8	2,360	5.0
Melaka	4,085	5.7	2,320	6.5	1,765	5.0	4,340	6.0	2,471	6.8	1,869	5.2
Johor	14,722	4.8	8,731	5.5	5,991	4.0	15,550	5.0	9,142	5.7	6,408	4.2
Pahang	6,667	4.6	3,998	5.4	2,669	3.9	7,016	4.8	4,303	5.7	2,713	3.9
Terengganu	5,452	5.3	3,176	6.1	2,276	4.5	5,650	5.4	3,221	6.1	2,429	4.7
Kelantan	9,063	5.8	5,134	6.6	3,929	5.0	9,608	6.1	5,539	7.0	4,069	5.1
Sabah	6,433	2.2	3,833	2.6	2,600	1.9	6,899	2.4	4,164	2.8	2,735	1.9
W.P.Labuan	202	2.4	123	2.8	79	1.9	240	2.8	153	3.4	87	2.1
Sarawak	9,569	4.1	5,391	4.6	4,178	3.7	10,183	4.3	5,782	4.8	4,401	3.8
<b>MALAYSIA</b>	<b>118,167</b>	<b>4.5</b>	<b>68,167</b>	<b>5.1</b>	<b>50,000</b>	<b>3.9</b>	<b>124,857</b>	<b>4.7</b>	<b>72,205</b>	<b>5.4</b>	<b>52,652</b>	<b>4.0</b>

NOTA : \* Setiap 1,000 Penduduk.

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

Note : \* Per 1,000 Population.

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

PUNCA : JABATAN PERANGKAAAN MALAYSIA.

Source : Department of Statistics, Malaysia.

**JADUAL 2.12 : KADAR TIDAK HADIR KERJA DI INDUSTRI-INDUSTRI DISEBABKAN OLEH KESAKITAN ATAU KECEDERAAN, MALAYSIA, 2009**

Table 2.12. : *Industrial Absenteeism Rate from Work Due to Illness or Injury, Malaysia, 2009*

1. ANGGARAN TENAGA BEKERJA <i>Estimated Work Force</i>	5,311,000
2. JUMLAH KEHILANGAN HARI KERJA OLEH PENYAKIT/ KEMALANGAN INDUSTRI <i>Total Number of Man Days Lost Due to Illness/Industrial Accidents</i>	2,113,000
3. KADAR KEHILANGAN HARI KERJA BAGI TIAP-TIAP 1000 TENAGA BEKERJA <i>Rate of Man Days Lost Per 1000 Work Force</i>	398

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, 2009:  
PENYAKIT BAWAAN AIR DAN MAKANAN**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Food and Water Borne Diseases

NEGERI State	KOLERA Cholera		DISENTERI Dysentery	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	0	0	0	0
Kedah	0	0	1	0.05
Pulau Pinang	0	0	1	0.06
Perak	0	0	40	1.67
Selangor	18	0.35	80	1.57
W.P. Kuala Lumpur <sup>1</sup>	0	0	7	0.41
Negeri Sembilan	0	0	0	0
Melaka	0	0	1	0.13
Johor	0	0	0	0
Pahang	0	0	4	0.26
Terengganu	186	16.59	2	0.18
Kelantan	20	1.22	0	0
Sabah <sup>2</sup>	52	1.58	12	0.36
Sarawak	0	0	6	0.24
<b>MALAYSIA</b>	<b>276</b>	<b>0.98</b>	<b>154</b>	<b>0.54</b>

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

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT BAWAAN AIR DAN MAKANAN (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Food and Water Borne Diseases (Cont'd)

NEGERI State	KERACUNAN MAKANAN <i>Food Poisoning</i>		TIFOID <i>Typhoid</i>		HEPATITIS A	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	18	7.48	0	0	0	0
Kedah	726	36.30	18	0.90	1	0.05
Pulau Pinang	610	38.67	0	0	0	0
Perak	1,266	52.90	11	0.46	0	0
Selangor	1,008	19.72	88	1.72	6	0.12
W.P. Kuala Lumpur <sup>1</sup>	1,243	72.13	7	0.41	0	0
Negeri Sembilan	139	13.71	5	0.49	0	0
Melaka	427	55.51	3	0.39	0	0
Johor	899	26.56	14	0.41	4	0.12
Pahang	874	56.63	5	0.32	8	0.52
Terengganu	935	83.40	6	0.54	0	0
Kelantan	1,390	85.06	85	5.20	0	0
Sabah <sup>2</sup>	503	15.29	54	1.64	18	0.55
Sarawak	200	7.99	7	0.28	3	0.12
<b>MALAYSIA</b>	<b>10,238</b>	<b>36.17</b>	<b>303</b>	<b>1.07</b>	<b>40</b>	<b>0.14</b>

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT BAWAAN VEKTOR**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Vector Borne Diseases

NEGERI State	DEMAM DENGGI <i>Dengue Fever</i>		DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	187	77.69	4	1.66
Kedah	749	37.45	1	0.05
Pulau Pinang	2,432	154.19	12	0.76
Perak	2,651	110.77	83	3.47
Selangor	17,023	333.04	1,653	32.34
W.P. Kuala Lumpur <sup>1</sup>	3,498	202.98	248	14.39
Negeri Sembilan	956	94.29	101	9.96
Melaka	646	83.97	123	15.99
Johor	2,324	68.65	204	6.03
Pahang	882	57.15	25	1.62
Terengganu	915	81.62	53	4.73
Kelantan	824	50.42	207	12.67
Sabah <sup>2</sup>	1,186	36.05	9	0.27
Sarawak	4,476	178.78	14	0.56
<b>MALAYSIA</b>	<b>38,749</b>	<b>136.89</b>	<b>2,737</b>	<b>9.67</b>

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT BAWAAN VEKTOR (SAMBUNGAN)**

Table 3.1. : *Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Vector Borne Diseases (Cont'd)*

NEGERI State	MALARIA <i>Malaria</i>		TIFUS <i>Typhus</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	2	0.83	0	0
Kedah	69	3.45	0	0
Pulau Pinang	86	5.45	1	0.06
Perak	70	2.92	0	0
Selangor	209	4.09	1	0.02
W.P. Kuala Lumpur <sup>1</sup>	49	2.84	0	0
Negeri Sembilan	90	8.88	0	0
Melaka	10	1.30	0	0
Johor	108	3.19	0	0
Pahang	176	11.40	1	0.06
Terengganu	30	2.68	4	0.36
Kelantan	276	16.89	3	0.18
Sabah <sup>2</sup>	4,012	121.95	0	0
Sarawak	1,823	72.82	1	0.04
<b>MALAYSIA</b>	<b>7,010</b>	<b>24.76</b>	<b>11</b>	<b>0.04</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk

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

- Tiada kejadian kes dilaporkan bagi Penyakit  
Plague dan Demam Kuning pada tahun 2009

Note: \* Incidence Rate per 100 000 population

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

- No incidence of cases were reported for  
Plague and Yellow Fever in 2009

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT CEGAHAN VAKSIN**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Vaccine Preventable Diseases

NEGERI State	CAMPAK <i>Measles</i>		TETANUS (LAIN-LAIN) <i>Tetanus (Others)</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	0	1	0.42
Kedah	1	0.05	0	0
Pulau Pinang	1	0.06	0	0
Perak	2	0.08	0	0
Selangor	16	0.31	0	0
W.P. Kuala Lumpur <sup>1</sup>	17	0.99	0	0
Negeri Sembilan	0	0	0	0
Melaka	0	0	0	0
Johor	2	0.06	0	0
Pahang	3	0.19	1	0.06
Terengganu	9	0.80	0	0
Kelantan	3	0.18	0	0
Sabah <sup>2</sup>	3	0.09	8	0.24
Sarawak	0	0	0	0
<b>MALAYSIA</b>	<b>57</b>	<b>0.20</b>	<b>10</b>	<b>0.04</b>

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT CEGAHAN VAKSIN (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Vaccine Preventable Diseases (Cont'd)

NEGERI State	TETANUS NEONATORUM <i>Neonatal Tetanus</i>		HEPATITIS B		BATUK KOKOL <i>Whooping Cough</i>	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN** <i>Incidence Rate**</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	0	0	0	0	0	0
Kedah	0	0	14	0.70	1	0.05
Pulau Pinang	1	0.04	54	3.42	0	0
Perak	0	0	18	0.75	3	0.13
Selangor	0	0	61	1.19	12	0.23
W.P. Kuala Lumpur <sup>1</sup>	0	0	27	1.57	0	0
Negeri Sembilan	0	0	11	1.08	0	0
Melaka	0	0	4	0.52	0	0
Johor	0	0	65	1.92	0	0
Pahang	0	0	143	9.27	0	0
Terengganu	0	0	8	0.71	2	0.18
Kelantan	0	0	37	2.26	20	1.22
Sabah <sup>2</sup>	3	0.06	69	2.10	1	0.03
Sarawak	0	0	91	3.63	0	0
<b>MALAYSIA</b>	<b>4</b>	<b>0.01</b>	<b>602</b>	<b>2.13</b>	<b>39</b>	<b>0.14</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
 \*\* Kadar Kejadian bagi setiap 1000 Kelahiran Hidup  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
 - Tiada kejadian kes dilaporkan bagi Penyakit Akut Poliomyelitis dan Difteria pada tahun 2009

Note: \* Incidence Rate per 100 000 population  
 \*\* Incidence Rate per 1000 Live births  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
 - No incidence of cases were reported for Acute Poliomyelitis and Diphtheria in 2009



**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT TRANSMISI SECARA SEKSUAL**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Sexually Transmitted Diseases

NEGERI State	CHANCROID		GONORRHOEA		SIFILIS Syphilis	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	0	0	1	0.42	1	0.42
Kedah	0	0	20	1.00	19	0.95
Pulau Pinang	0	0	25	1.58	73	4.63
Perak	0	0	11	0.46	10	0.42
Selangor	1	0.02	76	1.49	73	1.43
W.P. Kuala Lumpur <sup>1</sup>	0	0	86	4.99	73	4.24
Negeri Sembilan	0	0	1	0.10	14	1.38
Melaka	0	0	39	5.07	40	5.20
Johor	0	0	89	2.63	66	1.95
Pahang	1	0.06	65	4.21	59	3.82
Terengganu	0	0	10	0.89	50	4.46
Kelantan	0	0	13	0.80	28	1.71
Sabah <sup>2</sup>	0	0	38	1.16	50	1.52
Sarawak	1	0.04	438	17.49	330	13.18
<b>MALAYSIA</b>	<b>3</b>	<b>0.01</b>	<b>912</b>	<b>3.22</b>	<b>886</b>	<b>3.13</b>

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

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

**JADUAL 3.1 : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
LAIN-LAIN PENYAKIT BERJANGKIT**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Other Infectious Diseases

NEGERI State	HIV		AIDS		HEPATITIS C	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	42	17.45	26	10.80	0	0
Kedah	176	8.80	19	0.95	30	1.50
Pulau Pinang	124	7.86	41	2.60	28	1.78
Perak	224	9.36	45	1.88	136	5.68
Selangor	378	7.40	119	2.33	39	0.76
W.P. Kuala Lumpur <sup>1</sup>	146	8.47	85	4.93	27	1.57
Negeri Sembilan	62	6.12	40	3.95	24	2.37
Melaka	80	10.40	37	4.81	20	2.60
Johor	243	7.18	49	1.45	118	3.49
Pahang	431	27.93	62	4.02	506	32.79
Terengganu	315	28.10	65	5.80	7	0.62
Kelantan	596	36.47	29	1.77	57	3.49
Sabah <sup>2</sup>	175	5.32	34	1.03	3	0.09
Sarawak	88	3.51	90	3.59	54	2.16
<b>MALAYSIA</b>	<b>3,080</b>	<b>10.88</b>	<b>741</b>	<b>2.62</b>	<b>1,049</b>	<b>3.71</b>

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Other Infectious Diseases (Cont'd)

NEGERI State	PENYAKIT TANGAN, KAKI DAN MULUT <i>Hand, Foot and Mouth Diseases (HFMD)</i>		KUSTA <i>Leprosy</i>		OTHER SPECIFIED VIRAL HEPATITIS	
	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>	BILANGAN KES <i>No. of Cases</i>	KADAR KEJADIAN* <i>Incidence Rate*</i>
Perlis	190	78.94	1	0.42	0	0
Kedah	1,339	66.95	10	0.50	0	0
Pulau Pinang	1,063	67.39	4	0.25	0	0
Perak	614	25.65	11	0.46	1	0.04
Selangor	1,704	33.34	23	0.45	0	0
W.P. Kuala Lumpur <sup>1</sup>	715	41.49	11	0.64	1	0.06
Negeri Sembilan	100	9.86	5	0.49	0	0
Melaka	150	19.50	2	0.26	0	0
Johor	999	29.51	8	0.24	1	0.03
Pahang	279	18.08	3	0.19	1	0.06
Terengganu	135	12.04	9	0.80	0	0
Kelantan	105	6.43	13	0.80	1	0.06
Sabah <sup>2</sup>	258	7.84	72	2.19	0	0
Sarawak	9,503	379.57	15	0.60	0	0
<b>MALAYSIA</b>	<b>17,154</b>	<b>60.60</b>	<b>187</b>	<b>0.66</b>	<b>5</b>	<b>0.02</b>

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

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

**JADUAL 3.1. : BILANGAN KES DAN KADAR KEJADIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
LAIN-LAIN PENYAKIT BERJANGKIT (SAMBUNGAN)**

Table 3.1. : Number of Cases and Incidence Rate of Communicable Diseases by State, Malaysia, 2009:  
Other Infectious Diseases (Cont'd)

NEGERI State	TIBI Tuberculosis		VIRAL ENSEFALITIS Viral Encephalitis	
	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*	BILANGAN KES No. of Cases	KADAR KEJADIAN* Incidence Rate*
Perlis	119	49.44	0	0
Kedah	903	45.15	5	0.25
Pulau Pinang	1,039	65.87	2	0.13
Perak	1,250	52.23	1	0.04
Selangor	2,342	45.82	18	0.35
W.P. Kuala Lumpur <sup>1</sup>	1,429	82.92	1	0.06
Negeri Sembilan	408	40.24	1	0.10
Melaka	339	44.07	2	0.26
Johor	1,855	54.80	0	0
Pahang	838	54.30	2	0.13
Terengganu	762	67.97	1	0.09
Kelantan	1,324	81.02	0	0
Sabah <sup>2</sup>	3,581	108.84	6	0.18
Sarawak	1,913	76.41	10	0.40
<b>MALAYSIA</b>	<b>18,102</b>	<b>63.95</b>	<b>49</b>	<b>0.17</b>

NOTA: \* Kadar Kejadian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
- Tiada kejadian kes dilaporkan bagi Penyakit  
Ebola, Rabies dan Relapsing Fever pada tahun 2009

Note: \* Incidence Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
- No incidence of cases were reported for  
Ebola, Rabies and Relapsing Fever in 2009

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE CIRCULATORY SYSTEM"**

Table 3.2. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Circulatory System

<i>Detailed Cause Groups ( Diseases of the Circulatory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b> Acute rheumatic fever Chronic rheumatic heart diseases	<b>I00-I09</b> I00-I02 I05-I09	<b>2,951</b> 283 2,668	<b>10.43</b> 1.00 9.43
<b>HYPERTENSIVE DISEASE</b> Essential (primary) hypertension Hypertensive heart disease Hypertensive renal disease Hypertensive heart and renal disease Secondary hypertension	<b>I10-I15</b> I10 I11 I12 I13 I15	<b>30,615</b> 28,396 1,335 376 108 400	<b>108.15</b> 100.32 4.72 1.33 0.38 1.41
<b>ISCHAEMIC HEART DISEASE</b> Angina pectoris Acute myocardial infarction Remainder of ischaemic heart disease	<b>I20-I25</b> I20 I21 Remainder of I20-I25	<b>49,942</b> 26,361 12,756 10,825	<b>176.43</b> 93.13 45.06 38.24
<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	<b>I26-I52</b> I26 I30 I33 I40 I46 I44-I45, I47-I49 I50 Remainder of I26-I52	<b>28,718</b> 472 31 438 72 608 7,381 15,762 3,954	<b>101.45</b> 1.67 0.11 1.55 0.25 2.15 26.08 55.68 13.97

**JADUAL 3.2. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE CIRCULATORY SYSTEM" (SAMBUNGAN)**

Table 3.2. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Circulatory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Circulatory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>CEREBRO-VASCULAR DISEASE</b>	<b>I60-I69</b>	<b>24,879</b>	<b>87.89</b>
Subarachnoid haemorrhage	I60	520	1.84
Intracerebral haemorrhage	I61	2,143	7.57
Cerebral infarction	I63	1,627	5.75
Stroke, not specified as haemorrhage or infarction	I64	17,178	60.69
Remainder of cerebro-vascular disease	Remainder of I60-I69	3,411	12.05
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>	<b>10,738</b>	<b>37.93</b>
Atherosclerosis	I70	59	0.21
Aortic aneurysm and dissection	I71	736	2.60
Other aneurysm	I72	562	1.99
Arterial embolism and thrombosis	I74	136	0.48
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	701	2.48
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	753	2.66
Varicose veins of lower extremities	I83	489	1.73
Haemorrhoids	I84	3,171	11.20
Oesophageal varices	I85	851	3.01
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	3,280	11.59
<b>JUMLAH / Total</b>		<b>147,843</b>	<b>522.29</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, 2009:  
"DISEASES OF NEOPLASMS"**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Neoplasms

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	<b>C00-C14</b> C00-C14	<b>4,695</b> 4,695	<b>16.59</b> 16.59
<b>MALIGNANT NEOPLASM OF DIGESTIVE ORGANS</b> Malignant neoplasm of oesophagus Malignant neoplasm of stomach Malignant neoplasm of colon Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal Malignant neoplasm of liver and intrahepatic bile ducts Malignant neoplasm of pancreas Remainder of malignant neoplasm of digestive organs	<b>C15-C26</b> C15 C16 C18 C19-C21 C22 C25 Remainder of C15-C26	<b>14,881</b> 657 1,434 4,745 4,560 2,099 928 458	<b>52.57</b> 2.32 5.07 16.76 16.11 7.42 3.28 1.62
<b>MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS</b> Malignant neoplasm of larynx Malignant neoplasm of trachea, bronchus & lung Remainder of malignant neoplasm of respiratory and intrathoracic organs	<b>C30-C39</b> C32 C33-C34 Remainder of C30-C39	<b>7,173</b> 573 6,028 572	<b>25.34</b> 2.02 21.30 2.02
<b>MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST</b> Malignant of neoplasm of bone and articular cartilage Melanoma and other malignant neoplasm of skin Malignant neoplasm of mesothelial and soft tissue Malignant neoplasm of breast Remainder of malignant neoplasm of bone, connective tissue, skin and breast	<b>C40-C50</b> C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	<b>10,018</b> 864 427 803 7,922 2	<b>35.39</b> 3.05 1.51 2.84 27.99 0.01

**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Neoplasms (Cont'd)

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT</b>	<b>C51-C68</b>	<b>11,292</b>	<b>39.89</b>
Malignant neoplasm of cervix uteri	C53	3,275	11.57
Malignant neoplasm of other and unspecified part of uterus	C54-C55	1,096	3.87
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	3,550	12.54
Malignant neoplasm of prostate	C61	972	3.43
Malignant neoplasm of bladder	C67	1,272	4.49
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	1,127	3.98
<b>MALIGNANT NEOPLASM OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>	<b>C69-C72</b>	<b>1,397</b>	<b>4.94</b>
Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72	1,397	4.94
<b>MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS</b>	<b>C73-C75</b>	<b>1,553</b>	<b>5.49</b>
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	1,553	5.49
<b>MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b>	<b>C76-C80</b>	<b>3,032</b>	<b>10.71</b>
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	3,032	10.71
<b>MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b>	<b>C81-C96</b>	<b>10,447</b>	<b>36.91</b>
Hodgkin's disease	C81	583	2.06
Non-Hodgkin's disease	C82-C85	3,242	11.45
Leukaemia	C91-C95	5,873	20.75
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	749	2.65



**JADUAL 3.3. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.3. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Neoplasms (Cont'd)

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasm of independent (primary) multiple sites	<b>C97</b> C97	<b>90</b> 90	<b>0.32</b> 0.32
<b>IN SITU NEOPLASMS</b> In situ neoplasms	<b>D00-D09</b> D00-D09	<b>796</b> 796	<b>2.81</b> 2.81
<b>BENIGN NEOPLASMS</b> Benign neoplasms of skin Benign neoplasms of breast Leiomyoma of uterus Remainder of benign neoplasms	<b>D10-D36</b> D22-D23 D24 D25 Remainder of D10-D36	<b>8,964</b> 239 960 2,301 5,464	<b>31.67</b> 0.84 3.39 8.13 19.30
<b>NEOPLASM OF UNCERTAIN OR UNKNOWN BEHAVIOUR</b> Neoplasm of uncertain or unknown behaviour	<b>D37-D48</b> D37-D48	<b>5,124</b> 5,124	<b>18.10</b> 18.10
<b>JUMLAH / Total</b>		<b>79,462</b>	<b>280.72</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, 2009:  
"ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES"**

Table 3.4. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Endocrine, Nutritional and Metabolic Diseases

<i>Detailed Cause Groups ( Endocrine, Nutritional and Metabolic Diseases )</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)</b>
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>	<b>70,184</b>	<b>247.94</b>
Iodine deficiency-related thyroid disorders	E00-E02	76	0.27
Thyrotoxicosis (hyperthyroidism)	E05	1,271	4.49
Hypoparathyroidism	E20	33	0.12
Diabetes mellitus	E10-E14	41,272	145.80
Kwashiokor	E40	25	0.09
Other malnutrition conditions	E41-E46	398	1.41
Other nutritional deficiencies	E50-E64	107	0.38
Obesity	E66	155	0.55
Remainder of obesity and other hyperalimentionation	E65, E67-E68	6	0.02
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	26,841	94.82
<b>JUMLAH / Total</b>		<b>70,184</b>	<b>247.94</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, 2009:  
"DISEASES OF THE RESPIRATORY SYSTEM"**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Respiratory System

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>DISEASES OF THE UPPER RESPIRATORY TRACT</b>	<b>J00-J06</b>	<b>40,397</b>	<b>142.71</b>
Acute nasopharyngitis	J00	298	1.05
Acute sinusitis	J01	93	0.33
Acute pharyngitis	J02	7,459	26.35
Acute tonsillitis	J03	12,215	43.15
Acute laryngitis and tracheitis	J04	94	0.33
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	20,238	71.50
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J10-J22</b>	<b>88,992</b>	<b>314.38</b>
Influenza	J10-J11	12,563	44.38
Viral pneumonia, not elsewhere classified	J12	2,431	8.59
Other pneumonia	J13-J18	64,107	226.47
Acute bronchitis	J20	474	1.67
Acute bronchiolitis	J21	9,226	32.59
Unspecified acute lower respiratory infections	J22	191	0.67
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>	<b>4,754</b>	<b>16.79</b>
Chronic sinusitis	J32	473	1.67
Chronic diseases of tonsils and adenoids	J35	1,589	5.61
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	2,692	9.51

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Respiratory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)</b>
<b>CHRONIC LOWER RESPIRATORY DISEASE</b>	<b>J40-J47</b>	<b>51,714</b>	<b>182.69</b>
Chronic bronchitis	J40	281	0.99
Emphysema	J43	98	0.35
Other chronic obstructive pulmonary disease	J44	18,505	65.37
Asthma	J45-J46	31,394	110.91
Bronchiectasis	J47	1,382	4.88
Other chronic lower respiratory tract diseases	J41-J42	54	0.19
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>	<b>2,793</b>	<b>9.87</b>
Pneumoconiosis	J60-J65	52	0.18
Other lung diseases due to external agents	J66-J70	2,741	9.68
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>	<b>4,357</b>	<b>15.39</b>
Pulmonary oedema	J81	3,658	12.92
Remainder of other respiratory diseases principally affecting thr interstitium	Remainder of J80-J84	699	2.47
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>	<b>763</b>	<b>2.70</b>
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	763	2.70

**JADUAL 3.5. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.5. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Respiratory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)</b>
<b>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>3,523</b> 2,363 1,005 155	<b>12.45</b> 8.35 3.55 0.55
<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>3,425</b> 383 3,042	<b>12.10</b> 1.35 10.75
<b>JUMLAH / Total</b>		<b>200,718</b>	<b>709.08</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, 2009:  
"DISEASES OF THE DIGESTIVE SYSTEM"**

Table 3.6. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Digestive System

<i>Detailed Cause Groups ( Diseases of the Digestive System )</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)</b>
<b>DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS</b>	<b>K00-K14</b>	<b>4,918</b>	<b>17.37</b>
Dental caries	K02	1,332	4.71
Gingivitis and periodontal diseases	K05	227	0.80
Stomatitis and related lesions	K12	719	2.54
Remainder of diseases of Oral Cavity, Salivary Glands and Jaws	Remainder of K00-K14	2,640	9.33
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b>	<b>K20-K31</b>	<b>24,307</b>	<b>85.87</b>
Diseases of oesophagus	K20-K22	2,795	9.87
Gastric ulcer	K25	2,145	7.58
Doudenal ulcer	K26	741	2.62
Peptic ulcer, site unspecified	K27	1,972	6.97
Gastrojejunal ulcer	K28	130	0.46
Gastritis and duodenitis	K29	15,340	54.19
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	1,184	4.18
<b>DISEASES OF APPENDIX</b>	<b>K35-K38</b>	<b>22,319</b>	<b>78.85</b>
Acute appendicitis	K35	19,817	70.01
Other appendicitis	K36	194	0.69
Unspecified appendicitis	K37	1,764	6.23
Other diseases of the appendix	K38	544	1.92
<b>HERNIA</b>	<b>K40-K46</b>	<b>12,308</b>	<b>43.48</b>
Inguinal hernia	K40	10,323	36.47
Other hernias	K41-K46	1,985	7.01

**JADUAL 3.6. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE DIGESTIVE SYSTEM" (SAMBUNGAN)**

Table 3.6. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Digestive System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Digestive System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	<b>K50-K67</b>	<b>18,882</b>	<b>66.71</b>
Crohn's disease and ulcerative colitis	K50-K51	287	1.01
Other noninfective gastroenteritis and colitis	K52	5,019	17.73
Paralytic ileus and intestinal obstruction without hernia	K56	3,434	12.13
Diverticular diseases of intestine	K57	809	2.86
Fissure and fistula of anal and rectal regions	K60	796	2.81
Abscess of anal and rectal regions	K61	1,527	5.39
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	4,980	17.59
Peritonitis	K65	806	2.85
Other disorders of peritoneum	K66-K67	1,224	4.32
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	<b>K70-K93</b>	<b>27,956</b>	<b>98.76</b>
Alcoholic liver disease	K70	584	2.06
Hepatic failure, not elsewhere classified	K72	1,236	4.37
Chronic hepatitis, not elsewhere classified	K73	43	0.15
Fibrosis and cirrhosis of liver	K74	1,914	6.76
Cholelithiasis	K80	5,703	20.15
Cholecystitis	K81	2,435	8.60
Acute pancreatitis	K85	2,084	7.36
Remainder of other diseases of the digestive system	Remainder of K70-K93	13,957	49.31
<b>JUMLAH / Total</b>		<b>110,690</b>	<b>391.04</b>

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

**JADUAL 3.7. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE GENITO-URINARY SYSTEM"**

Table 3.7. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Genito-Urinary System

<i>Detailed Cause Groups ( Diseases of the Genito-Urinary System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>GLOMERULAR DISEASES</b>	<b>N00-N08</b>	<b>6,607</b>	<b>23.34</b>
Acute and progressive nephritic syndrome	N00-N01	1,408	4.97
Chronic nephritic syndrome	N03	694	2.45
Nephritic syndrome	N04	3,566	12.60
Remainder of glomerular diseases	Remainder of N00-N08	939	3.32
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b>	<b>N10-N16</b>	<b>4,892</b>	<b>17.28</b>
Renal tubulo-interstitial diseases	N10-N16	4,892	17.28
<b>RENAL FAILURE</b>	<b>N17-N19</b>	<b>31,171</b>	<b>110.12</b>
Acute renal failure	N17	3,111	10.99
Chronic renal failure	N18	26,164	92.43
Unspecified renal failure	N19	1,896	6.70
<b>OTHER DISEASES OF THE URINARY SYSTEM</b>	<b>N20-N39</b>	<b>30,588</b>	<b>108.06</b>
Calculus of kidney, ureter and lower urinary tract	N20-N22	7,892	27.88
Unspecified renal colic	N23	2,733	9.65
Other disorders of kidney and ureter	N25-N29	2,208	7.80
Cystitis	N30	564	1.99
Urethritis and urethral syndrome	N34	202	0.71
Urethral stricture	N35	574	2.03
Remainder of other diseases of the urinary system	Remainder of N20-N39	16,415	57.99

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, 2009:  
"DISEASES OF THE GENITO-URINARY SYSTEM" (SAMBUNGAN)**

Table 3.7. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Genito-Urinary System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Genito-Urinary System )</i>	<b>KOD I.C.D. - 10 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>DISEASES OF MALE GENITAL ORGANS</b>	<b>N40-N51</b>	<b>7,691</b>	<b>27.17</b>
Hyperplasia of prostate	N40	2,695	9.52
Hydrocele and spermatocele	N43	939	3.32
Orchitis and epididymitis	N45	1,344	4.75
Male infertility	N46	25	0.09
Redundant prepuce, phimosis and paraphimosis	N47	908	3.21
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	1,780	6.29
<b>DISORDERS OF BREAST</b>	<b>N60-N64</b>	<b>3,431</b>	<b>12.12</b>
Disorders of breast	N60-N64	3,431	12.12
<b>DISORDERS OF FEMALE GENITAL ORGANS</b>	<b>N70-N99</b>	<b>19,282</b>	<b>68.12</b>
Salpingitis and oophoritis	N70	442	1.56
Inflammatory disease of uterus, except cervix	N71	567	2.00
Inflammatory disease of cervix uteri	N72	66	0.23
Other inflammatory diseases of female pelvic organs	N73-N77	2,287	8.08
Endometriosis	N80	1,544	5.45
Female genital prolapse	N81	825	2.91
Erosion and ectropian of cervix uteri	N86	78	0.28
Disorders of menstruation	N91-N92	5,033	17.78
Menopausal and other perimenopausal disorders	N95	653	2.31
Female infertility	N97	640	2.26
Remainder of disorders of female genital organs	Remainder of N70-N99	7,147	25.25
<b>JUMLAH / Total</b>		<b>103,662</b>	<b>366.21</b>

**JADUAL 3.8. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD"**

Table 3.8. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Certain Conditions Originating in the Perinatal Period

<i>Detailed Cause Groups ( Diseases of Certain Conditions Originating in the Perinatal Period )</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN DISCAJ No. of Discharges</b>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK) Discharge Rate (Per 100 000 Population)</b>
<b>FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY</b> Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	<b>P00-P04</b>	<b>4,477</b>	<b>15.82</b>
	P00-P04	4,477	15.82
<b>DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH</b> Slow fetal growth and fetal malnutrition Disorders related to short gestation and low birth weight, not elsewhere classified Disorders related to long gestation and high birth weight	<b>P05-P08</b>	<b>12,888</b>	<b>45.53</b>
	P05-P08	1,928	6.81
	P07	10,285	36.33
	P08	675	2.38
<b>BIRTH TRAUMA</b> Birth trauma	<b>P10-P15</b>	<b>1,243</b>	<b>4.39</b>
	P10-P15	1,243	4.39
<b>RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD</b> Intrauterine hypoxia and birth asphyxia Respiratory distress of newborn Neonatal aspiration syndrome Remainder of respiratory and cardiovascular disorders specific to the perinatal period	<b>P20-P29</b>	<b>19,449</b>	<b>68.71</b>
	P20-P21	4,159	14.69
	P22	5,731	20.25
	P24	3,931	13.89
	Remainder of P20-P29	5,628	19.88
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	<b>P35-P39</b>	<b>15,131</b>	<b>53.45</b>
	P35-P39	15,131	53.45

**JADUAL 3.8. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD" (SAMBUNGAN)**

Table 3.8. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Certain Conditions Originating in the Perinatal Period (Cont'd)

<i>Detailed Cause Groups ( Diseases of Certain Conditions Originating in the Perinatal Period )</i>	<b>KOD I.C.D. - 10 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>HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN</b>	<b>P50-P61</b>	<b>85,830</b>	<b>303.21</b>
Haemolytic disease of fetus and newborn	P55	905	3.20
Neonatal jaundice	P58-P59	83,989	296.71
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	936	3.31
<b>OTHER DISORDERS OF FETUS AND NEWBORN</b>	<b>P70-P96</b>	<b>10,976</b>	<b>38.78</b>
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	8,255	29.16
Digestive system disorders of fetus and newborn	P75-P78	737	2.60
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	898	3.17
Convulsion of newborn	P90	175	0.62
Feeding problems of newborn	P92	579	2.05
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	332	1.17
<b>JUMLAH / Total</b>		<b>149,994</b>	<b>529.89</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, 2009:  
"DISEASES EXTERNAL CAUSES"**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>TRANSPORT ACCIDENTS</b>	<b>V01-V99</b>	<b>85,989</b>	<b>303.78</b>
Pedestrian injured in transport accident	V01-V09	1,606	5.67
Pedal cyclist injured in transport accident	V10-V19	1,420	5.02
Motorcycle Pedestrian injured in transport accident	V20-V29	18,182	64.23
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	88	0.31
Car occupant injured in transport accident	V40-V49	2,392	8.45
Occupant of pick-up truck or van injured in transport accident	V50-V59	265	0.94
Occupant of heavy transport vehicle injured in transport accident	V60-V69	248	0.88
Bus occupant injured in transport accident	V70-V79	74	0.26
Other land transport accidents	V80-V89	61,544	217.42
Water transport accidents	V90-V94	51	0.18
Air and space transport accidents	V95-V97	10	0.04
Other and unspecified transport accidents	V98-V99	109	0.39
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>	<b>W00-X59</b>	<b>85,746</b>	<b>302.92</b>
Falls	W00-W19	35,643	125.92
Exposure to inanimate mechanical factors	W20-W49	13,020	46.00
Exposure to animate mechanical factors	W50-W64	2,118	7.48
Accidental drowning and submersion	W65-W74	298	1.05
Other accidental threats to breathing	W75-W84	235	0.83
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	541	1.91
Exposure to smoke, fire and flames	X00-X09	1,674	5.91
Contact with heat and hot substances	X10-X19	1,589	5.61
Contact with venomous animals and plants	X20-X29	7,228	25.53
Exposure to forces of nature	X30-X39	136	0.48
Accidental poisoning by and exposure to noxious substances	X40-X49	5,791	20.46
Overexertion, travel and privation	X50-X57	76	0.27
Accidental exposure to other and unspecified factors	X58-X59	17,397	61.46

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES EXTERNAL CAUSES" (SAMBUNGAN)**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	<b>X60-X84</b> X60-X84	<b>2,735</b> 2,735	<b>9.66</b> 9.66
<b>ASSAULT</b> Assault	<b>X85-Y09</b> X85-Y09	<b>6,444</b> 6,444	<b>22.76</b> 22.76
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	<b>Y10-Y34</b> Y10-Y34	<b>3,889</b> 3,889	<b>13.74</b> 13.74
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	<b>Y35-Y36</b> Y35-Y36	<b>57</b> 57	<b>0.20</b> 0.20
<b>COMPLICATIONS OF MEDICAL AND SURGICAL CARE</b> Drugs, medicaments and biological substances causing adverse effects in therapeutic use Misadventures to patients during surgical and medical care Medival devices associated with adverse incidents in diagnostic and therapeutic use Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	<b>Y40-Y84</b> Y40-Y59  Y60-Y69 Y70-Y82  Y83-Y84	<b>6,293</b> 1,715  629 237  3,712	<b>22.23</b> 6.06  2.22 0.84  13.11

**JADUAL 3.9. : BILANGAN DAN KADAR DISCAJ DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES EXTERNAL CAUSE" (SAMBUNGAN)**

Table 3.9. : Number and Discharge Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN DISCAJ</b> <i>No. of Discharges</i>	<b>KADAR DISCAJ (SETIAP 100 000 PENDUDUK)</b> <i>Discharge Rate (Per 100 000 Population)</i>
<b>SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> Sequelae of External Causes of Morbidity and Mortality	<b>Y85-Y89</b> Y85-Y89	<b>692</b> 692	<b>2.44</b> 2.44
<b>SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE</b> Supplementary Factors Related to Causes of Morbidity and Mortality Classified	<b>Y90-Y98</b> Y90-Y98	<b>95</b> 95	<b>0.34</b> 0.34
<b>JUMLAH / Total</b>		<b>191,940</b>	<b>678.07</b>

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

**JADUAL 3.10. : KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR, MALAYSIA, 2005 - 2009**

Table 3.10. : Incidence Rate of Motor Vehicle Accidents, Malaysia, 2005 - 2009

PERKARA <i>Subject</i>	2005	2006	2007	2008	2009
1. BILANGAN KECEDERAAN YANG DISEBABKAN OLEH KEMALANGAN KENDERAAN BERMOTOR <i>Number of Casualties Due to Motor Vehicle Accidents*</i>	47,012	35,425	33,999	32,274	31,417
2. BILANGAN KEMALANGAN KENDERAAN BERMOTOR <i>Number of Motor Vehicle Accidents*</i>	328,264	341,252	363,319	373,071	397,330
3. ANGGARAN PENDUDUK ('000)** <i>Estimated Population ('000)</i>	26,127.7	26,640.1	27,173.6	27,728.7	28,306.70
4. KADAR KEJADIAN KEMALANGAN KERETA BERMOTOR BAGI TIAP-TIAP 10 000 PENDUDUK <i>Incidence Rate of Motor Vehicle Accidents per 10 000 population</i>	125.64	128.10	133.70	134.5	140.37

Punca Data / Data Source :

\* Polis DiRaja Malaysia/ Royal Malaysia Police

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 3.11. : KADAR KEJADIAN KEMALANGAN PERUSAHAAN, MALAYSIA, 2009.**

Table 3.11. : Incidence Rate of Industrial Accidents, Malaysia, 2009.

1. BILANGAN KECEDERAAN YANG DISEBABKAN OLEH KEMALANGAN INDUSTRI <i>Number of Casualties Due to Industrial Accidents</i>	55,186
2. ANGGARAN TENAGA BEKERJA <i>Estimated Workforce</i>	5,311,000
3. KADAR KEJADIAN KEMALANGAN PERUSAHAAN BAGI TIAP-TIAP 100 000 TENAGA BEKERJA PENDUDUK <i>Incidence Rate of Industrial Accidents per 100 000 Workforce</i>	1,039

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



**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT BAWAAN AIR DAN MAKANAN**Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2009:  
Food and Water Borne Diseases

NEGERI State	KOLERA <i>Cholera</i>		KERACUNAN MAKANAN <i>Food Poisoning</i>		TIFOID <i>Typhoid</i>	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	0	0	0	0	0	0
Kedah	0	0	0	0	0	0
Pulau Pinang	0	0	0	0	0	0
Perak	0	0	0	0	0	0
Selangor	0	0	0	0	1	0.02
W.P. Kuala Lumpur <sup>1</sup>	0	0	0	0	0	0
Negeri Sembilan	0	0	0	0	0	0
Melaka	0	0	0	0	0	0
Johor	0	0	0	0	0	0
Pahang	0	0	0	0	0	0
Terengganu	1	0.09	1	0.09	0	0
Kelantan	0	0	0	0	0	0
Sabah <sup>2</sup>	1	0.03	0	0	0	0
Sarawak	0	0	1	0.04	0	0
<b>MALAYSIA</b>	<b>2</b>	<b>0.01</b>	<b>2</b>	<b>0.01</b>	<b>1</b>	<b>0.00</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
 - Tiada kes kematian dilaporkan bagi Penyakit  
 Disenteri dan Hepatitis A pada tahun 2009

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
 - No cases of deaths were reported for  
 Dysentery and Hepatitis A in 2009

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT BAWAAN VEKTOR**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2009:  
Vector Borne Diseases

NEGERI State	DEMAM DENGGI <i>Dengue Fever</i>		DEMAM DENGGI BERDARAH <i>Dengue Haemorrhagic Fever</i>		MALARIA <i>Malaria</i>	
	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>	BIL. KEMATIAN <i>No. of Deaths</i>	KADAR KEMATIAN* <i>Mortality Rate*</i>
Perlis	0	0	0	0	0	0
Kedah	0	0	0	0	0	0
Pulau Pinang	0	0	1	0.06	0	0
Perak	1	0.04	2	0.08	1	0.04
Selangor	2	0.04	46	0.90	2	0.04
W.P. Kuala Lumpur <sup>1</sup>	1	0.06	8	0.46	0	0
Negeri Sembilan	0	0	6	0.59	0	0
Melaka	1	0.13	4	0.52	0	0
Johor	0	0	3	0.09	0	0
Pahang	1	0.06	1	0.06	0	0
Terengganu	0	0	0	0	1	0.09
Kelantan	0	0	1	0.06	1	0.06
Sabah <sup>2</sup>	0	0	3	0.09	13	0.40
Sarawak	0	0	7	0.28	8	0.32
<b>MALAYSIA</b>	<b>6</b>	<b>0.02</b>	<b>82</b>	<b>0.29</b>	<b>26</b>	<b>0.09</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
- Tiada kes kematian dilaporkan bagi Penyakit  
Tifus, Plague dan Demam Kuning pada tahun 2009

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
- No cases of deaths were reported for  
Typhus, Plague and Yellow Fever in 2009

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT CEGAHAN VAKSIN (SAMBUNGAN)**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2009:  
Vaccine Preventable Diseases (Cont'd)

NEGERI State	HEPATITIS B	
	BILANGAN KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0
Kedah	0	0
Pulau Pinang	1	0.06
Perak	0	0
Selangor	2	0.04
W.P. Kuala Lumpur <sup>1</sup>	0	0
Negeri Sembilan	0	0
Melaka	0	0
Johor	0	0
Pahang	1	0.06
Terengganu	0	0
Kelantan	0	0
Sabah <sup>2</sup>	1	0.03
Sarawak	0	0
<b>MALAYSIA</b>	<b>5</b>	<b>0.02</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
 - Tiada kes kematian dilaporkan bagi Penyakit Akut Poliomyelitis, Difteria, Campak, lain lain Tetanus, Neonatal Tetanus dan Batuk Kokol pada tahun 2009

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
 - No cases of deaths were reported for Acute Poliomyelitis, Diphtheria, Measles, Other Tetanus, Tetanus Neonatorum and Whooping Cough in 2009

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
PENYAKIT TRANSMISI SECARA SEKSUAL**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2009:  
Sexually Transmitted Diseases

NEGERI State	SIFILIS Syphilis	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0
Kedah	0	0
Pulau Pinang	0	0
Perak	0	0
Selangor	0	0
W.P. Kuala Lumpur <sup>1</sup>	0	0
Negeri Sembilan	0	0
Melaka	1	0.13
Johor	0	0
Pahang	0	0
Terengganu	0	0
Kelantan	0	0
Sabah <sup>2</sup>	0	0
Sarawak	0	0
<b>MALAYSIA</b>	<b>1</b>	<b>0.00</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
<sup>1</sup> Termasuk W.P. Putrajaya / <sup>2</sup> Termasuk W.P. Labuan  
- Tiada kes kematian dilaporkan bagi Penyakit  
Chancroid dan Gonorrhoea pada tahun 2009

Note: \* Mortality Rate per 100 000 population  
<sup>1</sup> Includes W.P. Putrajaya / <sup>2</sup> Includes W.P. Labuan  
- No cases of deaths were reported for  
Chancroid and Gonorrhoea in 2009

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009:  
LAIN-LAIN PENYAKIT BERJANGKIT**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2009:  
Other Infectious Diseases

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	16	6.65
Kedah	22	1.10	21	1.05
Pulau Pinang	2	0.13	11	0.70
Perak	12	0.50	75	3.13
Selangor	2	0.04	103	2.02
W.P. Kuala Lumpur <sup>1</sup>	2	0.12	64	3.71
Negeri Sembilan	3	0.30	71	7.00
Melaka	6	0.78	42	5.46
Johor	12	0.35	37	1.09
Pahang	25	1.62	52	3.37
Terengganu	36	3.21	42	3.75
Kelantan	62	3.79	45	2.75
Sabah <sup>2</sup>	0	0	11	0.33
Sarawak	0	0	31	1.24
<b>MALAYSIA</b>	<b>184</b>	<b>0.65</b>	<b>621</b>	<b>2.19</b>

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

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

**JADUAL 3.12. : BILANGAN KEMATIAN DAN KADAR KEMATIAN PENYAKIT BERJANGKIT MENGIKUT NEGERI, MALAYSIA, 2009: LAIN-LAIN PENYAKIT BERJANGKIT (SAMBUNGAN)**

Table 3.12. : Number of Deaths and Mortality Rate of Communicable Diseases by State, Malaysia, 2009: Other Infectious Diseases (Cont'd)

NEGERI State	HEPATITIS C		TIBI Tuberculosis		VIRAL ENSEFALITIS Viral Encephalitis	
	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*	BIL. KEMATIAN No. of Deaths	KADAR KEMATIAN* Mortality Rate*
Perlis	0	0	18	7.48	0	0
Kedah	0	0	78	3.90	0	0
Pulau Pinang	0	0	150	9.51	0	0
Perak	0	0	179	7.48	0	0
Selangor	5	0.10	100	1.96	0	0
W.P. Kuala Lumpur <sup>1</sup>	0	0	57	3.31	0	0
Negeri Sembilan	2	0.20	41	4.04	0	0
Melaka	0	0.00	54	7.02	0	0
Johor	3	0.09	180	5.32	0	0
Pahang	6	0.39	130	8.42	0	0
Terengganu	0	0	125	11.15	0	0
Kelantan	2	0.12	205	12.54	0	0
Sabah <sup>2</sup>	0	0	181	5.50	0	0
Sarawak	0	0	84	3.36	1	0.04
<b>MALAYSIA</b>	<b>18</b>	<b>0.06</b>	<b>1,582</b>	<b>5.59</b>	<b>1</b>	<b>0.00</b>

NOTA: \* Kadar Kematian bagi setiap 100 000 Penduduk  
- Tiada kes kematian dilaporkan bagi Penyakit Ebola, HFMD, Kusta, "Other Specified Viral Hepatitis", Rabies dan Demam Berulang pada tahun 2009

Note: \* Mortality Rate per 100 000 population  
- No cases of deaths were reported for Ebola, HFMD, Leprosy, Other Specified Viral Hepatitis, Rabies and Relapsing Fever in 2009

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

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE CIRCULATORY SYSTEM"**

Table 3.13. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Circulatory System

<i>Detailed Cause Groups ( Diseases of the Circulatory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>RHEUMATIC FEVER AND RHEUMATIC HEART DISEASES</b>	<b>I00-I09</b>	<b>89</b>	<b>0.31</b>
Acute rheumatic fever	I00-I02	4	0.01
Chronic rheumatic heart diseases	I05-I09	85	0.30
<b>HYPERTENSIVE DISEASE</b>	<b>I10-I15</b>	<b>173</b>	<b>0.61</b>
Essential (primary) hypertension	I10	136	0.48
Hypertensive heart disease	I11	10	0.04
Hypertensive renal disease	I12	13	0.05
Hypertensive heart and renal disease	I13	9	0.03
Secondary hypertension	I15	5	0.02
<b>ISCHAEMIC HEART DISEASE</b>	<b>I20-I25</b>	<b>4,956</b>	<b>17.51</b>
Angina pectoris	I20	2,451	8.66
Acute myocardial infarction	I21	1,876	6.63
Remainder of ischaemic heart disease	Remainder of I20-I25	629	2.22
<b>DISEASES OF PULMONARY CIRCULATION &amp; OTHER FORMS OF HEART DISEASES</b>	<b>I26-I52</b>	<b>2,520</b>	<b>8.90</b>
Pulmonary embolism	I26	241	0.85
Acute pericarditis	I30	-	-
Acute and subacute endocarditis	I33	58	0.20
Acute myocarditis	I40	12	0.04
Cardiac arrest	I46	572	2.02
Conduction disorders and cardiac arrhythmias	I44-I45, I47-I49	319	1.13
Heart Failure	I50	958	3.38
Remainder of diseases of pulmonary circulation and other forms of heart diseases	Remainder of I26-I52	360	1.27

**JADUAL 3.13. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE CIRCULATORY SYSTEM" (SAMBUNGAN)**

Table 3.13. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Circulatory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Circulatory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>CEREBRO-VASCULAR DISEASE</b>	<b>I60-I69</b>	<b>4,052</b>	<b>14.31</b>
Subarachnoid haemorrhage	I60	126	0.45
Intracerebral haemorrhage	I61	683	2.41
Cerebral infarction	I63	304	1.07
Stroke, not specified as haemorrhage or infarction	I64	2,137	7.55
Remainder of cerebro-vascular disease	Remainder of I60-I69	802	2.83
<b>DISEASES OF ARTERIES, VEINS, LYMPHATIC AND LYMPH NODES</b>	<b>I70-I99</b>	<b>331</b>	<b>1.17</b>
Atherosclerosis	I70	1	0.00
Aortic aneurysm and dissection	I71	108	0.38
Other aneurysm	I72	51	0.18
Arterial embolism and thrombosis	I74	10	0.04
Other diseases of arteries, arterioles and capillaries	I73, I77-I79	25	0.09
Phlebitis, thrombophlebitis, venous embolism and thrombosis	I80	6	0.02
Varicose veins of lower extremities	I83	2	0.01
Haemorrhoids	I84	24	0.08
Oesophageal varices	I85	50	0.18
Remainder of other diseases of arteries, veins, lymphatic and lymph nodes	Remainder of I70-I99	54	0.19
<b>JUMLAH / Total</b>		<b>12,121</b>	<b>42.82</b>

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



**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF NEOPLASMS"**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Neoplasms

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF LIP, ORAL CAVITY AND PHARYNX</b> Malignant neoplasm of lip, oral cavity and pharynx	<b>C00-C14</b> C00-C14	<b>302</b> 302	<b>1.07</b> 1.07
<b>MALIGNANT NEOPLASM OF DIGESTIVE ORGANS</b> Malignant neoplasm of oesophagus Malignant neoplasm of stomach Malignant neoplasm of colon Malignant neoplasm of rectosigmoid junction, rectum anus and anal canal Malignant neoplasm of liver and intrahepatic bile ducts Malignant neoplasm of pancreas Remainder of malignant neoplasm of digestive organs	<b>C15-C26</b> C15 C16 C18 C19-C21 C22 C25 Remainder of C15-C26	<b>1,294</b> 70 176 258 214 382 143 51	<b>4.57</b> 0.25 0.62 0.91 0.76 1.35 0.51 0.18
<b>MALIGNANT NEOPLASM OF RESPIRATORY AND INTRATHORACIC ORGANS</b> Malignant neoplasm of larynx Malignant neoplasm of trachea, bronchus & lung Remainder of malignant neoplasm of respiratory and intrathoracic organs	<b>C30-C39</b> C32 C33-C34 Remainder of C30-C39	<b>991</b> 32 942 17	<b>3.50</b> 0.11 3.33 0.06
<b>MALIGNANT NEOPLASM OF BONE, CONNECTIVE TISSUE, SKIN AND BREAST</b> Malignant of neoplasm of bone and articular cartilage Melanoma and other malignant neoplasm of skin Malignant neoplasm of mesothelial and soft tissue Malignant neoplasm of breast Remainder of malignant neoplasm of bone, connective tissue, skin and breast	<b>C40-C50</b> C40-C41 C43-C44 C45-C49 C50 Remainder of C40-C50	<b>639</b> 50 15 67 507 -	<b>2.26</b> 0.18 0.05 0.24 1.79 -

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Neoplasm (Cont'd)

<i>Detailed Cause Groups ( Diseases of Neoplasms)</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF GENITAL ORGANS AND URINARY TRACT</b>	<b>C51-C68</b>	<b>564</b>	<b>1.99</b>
Malignant neoplasm of cervix uteri	C53	132	0.47
Malignant neoplasm of other and unspecified part of uterus	C54-C55	52	0.18
Remainder of malignant neoplasm of female genital organs	C51-C52, C56, C58	167	0.59
Malignant neoplasm of prostate	C61	90	0.32
Malignant neoplasm of bladder	C67	56	0.20
Remainder of malignant neoplasm of genital organs and urinary tract	Remainder of C51-C68	67	0.24
<b>MALIGNANT NEOPLASM OF EYE, BRAIN AND OTHER PARTS OF CENTRAL NERVOUS SYSTEM</b>	<b>C69-C72</b>	<b>118</b>	<b>0.42</b>
Malignant neoplasm of eye, brain and other parts of central nervous system	C69-C72	118	0.42
<b>MALIGNANT NEOPLASM OF THYROID AND OTHER ENDOCRINE GLANDS</b>	<b>C73-C75</b>	<b>81</b>	<b>0.29</b>
Malignant neoplasm of thyroid and other endocrine glands	C73-C75	81	0.29
<b>MALIGNANT NEOPLASM OF ILL-DEFINED, SECONDARY AND UNSPECIFIED SITES</b>	<b>C76-C80</b>	<b>628</b>	<b>2.22</b>
Malignant neoplasm of ill-defined, secondary and unspecified sites	C76-C80	628	2.22
<b>MALIGNANT NEOPLASM OF LYMPHOID, HAEMATOPOIETIC AND RELATED TISSUE</b>	<b>C81-C96</b>	<b>592</b>	<b>2.09</b>
Hodgkin's disease	C81	11	0.04
Non-Hodgkin's disease	C82-C85	201	0.71
Leukaemia	C91-C95	339	1.20
Remainder of malignant neoplasm of lymphoid, haematopoietic and related tissue	Remainder of C81-C96	41	0.14

**JADUAL 3.14. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF NEOPLASMS" (SAMBUNGAN)**

Table 3.14. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Neoplasm (Cont'd)

<i>Detailed Cause Groups ( Diseases of Neoplasms )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>MALIGNANT NEOPLASM OF INDEPENDENT (PRIMARY) MULTIPLE SITES</b> Malignant neoplasm of independent (primary) multiple sites	<b>C97</b> C97	<b>11</b> 11	<b>0.04</b> 0.04
<b>IN SITU NEOPLASMS</b> In situ neoplasms	<b>D00-D09</b> D00-D09	<b>42</b> 42	<b>0.15</b> 0.15
<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>37</b> - - - 37	<b>0.13</b> - - - 0.13
<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>0.52</b> 0.52
<b>JUMLAH / Total</b>		<b>5,446</b>	<b>19.24</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, 2009:  
"ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES"**

Table 3.15. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Endocrine, Nutritional and Metabolic Diseases

<i>Detailed Cause Groups ( Endocrine, Nutritional and Metabolic Diseases )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>ENDOCRINE, NUTRITIONAL AND METABOLIC DISEASES</b>	<b>E00-E90</b>	<b>777</b>	<b>2.74</b>
Iodine deficiency-related thyroid disorders	E00-E02	-	-
Thyrotoxicosis (hyperthyroidism)	E05	21	0.07
Hypoparathyroidism	E20	-	-
Diabetes mellitus	E10-E14	356	1.26
Kwashiokor	E40	1	0.00
Other malnutrition conditions	E41-E46	10	0.04
Other nutritional deficiencies	E50-E64	1	0.00
Obesity	E66	1	0.00
Remainder of obesity and other hyperalimentionation	E65, E67-E68	-	-
Remainder of Endocrine, nutritional and metabolic disorders	Remainder of E00-E90	387	1.37
<b>JUMLAH / Total</b>		<b>777</b>	<b>2.74</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, 2009:  
"DISEASES OF THE RESPIRATORY SYSTEM"**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Respiratory System

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>DISEASES OF THE UPPER RESPIRATORY TRACT</b>	<b>J00-J06</b>	<b>13</b>	<b>0.05</b>
Acute nasopharyngitis	J00	-	-
Acute sinusitis	J01	-	-
Acute pharyngitis	J02	2	0.01
Acute tonsillitis	J03	3	0.01
Acute laryngitis and tracheitis	J04	1	0.00
Remainder of diseases of the Upper Respiratory Tract	Remainder of J00-J06	7	0.02
<b>INFLUENZA, PNEUMONIA AND OTHER ACUTE LOWER RESPIRATORY INFECTIONS</b>	<b>J10-J22</b>	<b>5,102</b>	<b>18.02</b>
Influenza	J10-J11	88	0.31
Viral pneumonia, not elsewhere classified	J12	60	0.21
Other pneumonia	J13-J18	4,934	17.43
Acute bronchitis	J20	1	0.00
Acute bronchiolitis	J21	13	0.05
Unspecified acute lower respiratory infections	J22	6	0.02
<b>OTHER DISEASES OF UPPER RESPIRATORY TRACT</b>	<b>J30-J39</b>	<b>10</b>	<b>0.04</b>
Chronic sinusitis	J32	-	-
Chronic diseases of tonsils and adenoids	J35	-	-
Remainder of diseases of upper respiratory tract	Remainder of J30-J39	10	0.04

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Respiratory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>CHRONIC LOWER RESPIRATORY DISEASE</b>	<b>J40-J47</b>	<b>978</b>	<b>3.46</b>
Chronic bronchitis	J40	5	0.02
Emphysema	J43	5	0.02
Other chronic obstructive pulmonary disease	J44	810	2.86
Asthma	J45-J46	104	0.37
Bronchiectasis	J47	52	0.18
Other chronic lower respiratory tract diseases	J41-J42	2	0.01
<b>LUNG DISEASES DUE TO EXTERNAL AGENTS</b>	<b>J60-J70</b>	<b>1,005</b>	<b>3.55</b>
Pneumoconiosis	J60-J65	3	0.01
Other lung diseases due to external agents	J66-J70	1,002	3.54
<b>OTHER RESPIRATORY DISEASES PRINCIPALLY AFFECTING THE INTERSTITIUM</b>	<b>J80-J84</b>	<b>631</b>	<b>2.23</b>
Pulmonary oedema	J81	493	1.74
Remainder of other respiratory diseases principally affecting the interstitium	Remainder of J80-J84	138	0.49
<b>SUPPURATIVE AND NECROTIC CONDITIONS OF LOWER RESPIRATORY TRACT</b>	<b>J85-J86</b>	<b>31</b>	<b>0.11</b>
Suppurative and necrotic conditions of lower respiratory tract	J85-J86	31	0.11

**JADUAL 3.16. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE RESPIRATORY SYSTEM" (SAMBUNGAN)**

Table 3.16. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Respiratory System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Respiratory System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>OTHER DISEASES OF PLEURA</b> Pleural effusion, not elsewhere classified Pneumothorax Remainder of other diseases of pleura	<b>J90-J94</b> J90 J93 Remainder of J90-J94	<b>96</b> 66 26 4	<b>0.34</b> 0.23 0.09 0.01
<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>459</b> 268 191	<b>1.62</b> 0.95 0.67
<b>JUMLAH / Total</b>		<b>8,325</b>	<b>29.41</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, 2009:  
"DISEASES OF THE DIGESTIVE SYSTEM"**

Table 3.17. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Digestive System

<i>Detailed Cause Groups ( Diseases of the Digestive System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>DISEASES OF ORAL CAVITY, SALIVARY GLANDS AND JAWS</b>	<b>K00-K14</b>	<b>6</b>	<b>0.02</b>
Dental caries	K02	-	-
Gingivitis and periodontal diseases	K05	1	0.00
Stomatitis and related lesions	K12	1	0.00
Remainder of diseases of Oral Cavity, Salivary Glands and Jaws	Remainder of K00-K14	4	0.01
<b>DISEASES OF OESOPHAGUS, STOMACH AND DUODENUM</b>	<b>K20-K31</b>	<b>211</b>	<b>0.75</b>
Diseases of oesophagus	K20-K22	12	0.04
Gastric ulcer	K25	100	0.35
Doudenal ulcer	K26	37	0.13
Peptic ulcer, site unspecified	K27	31	0.11
Gastrojejunal ulcer	K28	7	0.02
Gastritis and duodenitis	K29	18	0.06
Remainder of diseases of oesophagus, stomach and duodenum	Remainder of K20-K31	6	0.02
<b>DISEASES OF APPENDIX</b>	<b>K35-K38</b>	<b>30</b>	<b>0.11</b>
Acute appendicitis	K35	30	0.11
Other appendicitis	K36	-	-
Unspecified appendicitis	K37	-	-
Other diseases of the appendix	K38	-	-
<b>HERNIA</b>	<b>K40-K46</b>	<b>22</b>	<b>0.08</b>
Inguinal hernia	K40	9	0.03
Other hernias	K41-K46	13	0.05



**JADUAL 3.17. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF THE DIGESTIVE SYSTEM" (SAMBUNGAN)**

Table 3.17. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Digestive System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Digestive System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>DISEASES OF INTESTINES AND PERITONEUM</b>	<b>K50-K67</b>	<b>323</b>	<b>1.14</b>
Crohn's disease and ulcerative colitis	K50-K51	1	0.00
Other noninfective gastroenteritis and colitis	K52	24	0.08
Paralytic ileus and intestinal obstruction without hernia	K56	96	0.34
Diverticular diseases of intestine	K57	22	0.08
Fissure and fistula of anal and rectal regions	K60	-	-
Abscess of anal and rectal regions	K61	4	0.01
Other diseases of intestine, anus and rectum	K55, K58-K59, K62-K63	65	0.23
Peritonitis	K65	103	0.36
Other disorders of peritoneum	K66-K67	8	0.03
<b>OTHER DISEASES OF THE DIGESTIVE SYSTEM</b>	<b>K70-K93</b>	<b>1,801</b>	<b>6.36</b>
Alcoholic liver disease	K70	47	0.17
Hepatic failure, not elsewhere classified	K72	388	1.37
Chronic hepatitis, not elsewhere classified	K73	1	0.00
Fibrosis and cirrhosis of liver	K74	182	0.64
Cholelithiasis	K80	29	0.10
Cholecystitis	K81	24	0.08
Acute pancreatitis	K85	76	0.27
Remainder of other diseases of the digestive system	Remainder of K70-K93	1,054	3.72
<b>JUMLAH / Total</b>		<b>2,393</b>	<b>8.45</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, 2009:  
"DISEASES OF THE GENITO-URINARY SYSTEM"**

Table 3.18. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Genito-Urinary System

<i>Detailed Cause Groups ( Diseases of the Genito-Urinary System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>GLOMERULAR DISEASES</b>	<b>N00-N08</b>	<b>42</b>	<b>0.15</b>
Acute and progressive nephritic syndrome	N00-N01	3	0.01
Chronic nephritic syndrome	N03	17	0.06
Nephritic syndrome	N04	18	0.06
Remainder of glomerular diseases	Remainder of N00-N08	4	0.01
<b>RENAL TUBULO-INTERSTITIAL DISEASES</b>	<b>N10-N16</b>	<b>34</b>	<b>0.12</b>
Renal tubulo-interstitial diseases	N10-N16	34	0.12
<b>RENAL FAILURE</b>	<b>N17-N19</b>	<b>1,648</b>	<b>5.82</b>
Acute renal failure	N17	471	1.66
Chronic renal failure	N18	1,010	3.57
Unspecified renal failure	N19	167	0.59
<b>OTHER DISEASES OF THE URINARY SYSTEM</b>	<b>N20-N39</b>	<b>318</b>	<b>1.12</b>
Calculus of kidney, ureter and lower urinary tract	N20-N22	10	0.04
Unspecified renal colic	N23	1	0.00
Other disorders of kidney and ureter	N25-N29	44	0.16
Cystitis	N30	2	0.01
Urethritis and urethral syndrome	N34	-	-
Urethral stricture	N35	-	-
Remainder of other diseases of the urinary system	Remainder of N20-N39	261	0.92

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, 2009:  
"DISEASES OF THE GENITO-URINARY SYSTEM" (SAMBUNGAN)**

Table 3.18. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of the Genito-Urinary System (Cont'd)

<i>Detailed Cause Groups ( Diseases of the Genito-Urinary System )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>DISEASES OF MALE GENITAL ORGANS</b>	<b>N40-N51</b>	<b>17</b>	<b>0.06</b>
Hyperplasia of prostate	N40	7	0.02
Hydrocele and spermatocele	N43	1	0.00
Orchitis and epididymitis	N45	-	-
Male infertility	N46	1	0.00
Redundant prepuce, phimosis and paraphimosis	N47	1	0.00
Remainder of Diseases of Male Genital Organs	Remainder of N40-N51	7	<b>0.02</b>
<b>DISORDERS OF BREAST</b>	<b>N60-N64</b>	<b>4</b>	<b>0.01</b>
Disorders of breast	N60-N64	4	0.01
<b>DISORDERS OF FEMALE GENITAL ORGANS</b>	<b>N70-N99</b>	<b>18</b>	<b>0.06</b>
Salpingitis and oophoritis	N70	2	0.01
Inflammatory disease of uterus, except cervix	N71	-	-
Inflammatory disease of cervix uteri	N72	-	-
Other inflammatory diseases of female pelvic organs	N73-N77	2	0.01
Endometriosis	N80	-	-
Female genital prolapse	N81	-	-
Erosion and ectropian of cervix uteri	N86	-	-
Disorders of menstruation	N91-N92	5	0.02
Menopausal and other perimenopausal disorders	N95	-	-
Female infertility	N97	1	0.00
Remainder of disorders of female genital organs	Remainder of N70-N99	8	0.03
<b>JUMLAH / Total</b>		<b>2,081</b>	<b>7.35</b>

**JADUAL 3.19. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD"**

Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Certain Conditions Originating in the Perinatal Period

<i>Detailed Cause Groups (Diseases of Certain Conditions Originating in the Perinatal Period)</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN KEMATIAN No. of Deaths</b>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)</b>
<b>FETUS AND NEWBORN AFFECTED BY MATERNAL FACTORS AND BY COMPLICATIONS OF PREGNANCY, LABOUR AND DELIVERY</b> Fetus and newborn affected by maternal factors and by complications of pregnancy, labour and delivery	<b>P00-P04</b>	<b>21</b>	<b>0.07</b>
	P00-P04	21	0.07
<b>DISORDERS RELATED TO LENGTH OF GESTATION AND FETAL GROWTH</b> Slow fetal growth and fetal malnutrition Disorders related to short gestation and low birth weight, not elsewhere classified Disorders related to long gestation and high birth weight	<b>P05-P08</b>	<b>707</b>	<b>2.50</b>
	P05-P08	10	0.04
	P07	697	2.46
<b>BIRTH TRAUMA</b> Birth trauma	<b>P10-P15</b>	<b>31</b>	<b>0.11</b>
	P10-P15	31	0.11
<b>RESPIRATORY AND CARDIOVASCULAR DISORDERS SPECIFIC TO THE PERINATAL PERIOD</b> Intrauterine hypoxia and birth asphyxia Respiratory distress of newborn Neonatal aspiration syndrome Remainder of respiratory and cardiovascular disorders specific to the perinatal period	<b>P20-P29</b>	<b>547</b>	<b>1.93</b>
	P20-P21	175	0.62
	P22	60	0.21
	P24	106	0.37
	Remainder of P20-P29	206	0.73
<b>INFECTIONS SPECIFIC TO THE PERINATAL PERIOD</b> Infections specific to the perinatal period	<b>P35-P39</b>	<b>341</b>	<b>1.20</b>
	P35-P39	341	1.20

**JADUAL 3.19. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"CERTAIN CONDITIONS ORIGINATING IN THE PERINATAL PERIOD" (SAMBUNGAN)**

Table 3.19. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of Certain Conditions Originating in the Perinatal Period (Cont'd)

<i>Detailed Cause Groups (Diseases of Certain Conditions Originating in the Perinatal Period)</i>	<b>KOD I.C.D. - 10 I.C.D. - 10 Code</b>	<b>BILANGAN KEMATIAN No. of Deaths</b>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK) Mortality Rate (Per 100 000 Population)</b>
<b>HAEMORRHAGE AND HAEMATOLOGICAL DISORDERS OF FETUS AND NEWBORN</b>	<b>P50-P61</b>	<b>79</b>	<b>0.28</b>
Haemolytic disease of fetus and newborn	P55	2	0.01
Neonatal jaundice	P58-P59	19	0.07
Remainder of haemorrhage and haematological disorders of fetus and newborn	Remainder of P50-P61	58	0.20
<b>OTHER DISORDERS OF FETUS AND NEWBORN</b>	<b>P70-P96</b>	<b>110</b>	<b>0.39</b>
Transitory endocrine and metabolic disorders specific to fetus and newborn	P70-P74	7	0.02
Digestive system disorders of fetus and newborn	P75-P78	19	0.07
Conditions involving integument and temperature regulation of fetus and newborn	P80-P83	30	0.11
Convulsion of newborn	P90	-	-
Feeding problems of newborn	P92	-	-
Remainder of other disorders of fetus and newborn	Remainder of P70-P96	54	0.19
<b>JUMLAH / Total</b>		<b>1,836</b>	<b>6.49</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, 2009:**  
**"DISEASES OF EXTERNAL CAUSES"**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of External Causes

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>TRANSPORT ACCIDENTS</b>	<b>V01-V99</b>	<b>1,571</b>	<b>5.55</b>
Pedestrian injured in transport accident	V01-V09	30	0.11
Pedal cyclist injured in transport accident	V10-V19	17	0.06
Motorcycle Rider injured in transport accident	V20-V29	225	0.79
Occupant of tree-wheeled motor vehicle injured in transport accident	V30-V39	2	0.01
Car occupant injured in transport accident	V40-V49	35	0.12
Occupant of pick-up truck or van injured in transport accident	V50-V59	4	0.01
Occupant of heavy transport vehicle injured in transport accident	V60-V69	5	0.02
Bus occupant injured in transport accident	V70-V79	-	-
Other land transport accidents	V80-V89	1,245	4.40
Water transport accidents	V90-V94	2	0.01
Air and space transport accidents	V95-V97	1	0.00
Other and unspecified transport accidents	V98-V99	5	0.02
<b>OTHER EXTERNAL CAUSES OF ACCIDENTAL INJURY</b>	<b>W00-X59</b>	<b>761</b>	<b>2.69</b>
Falls	W00-W19	282	1.00
Exposure to inanimate mechanical factors	W20-W49	41	0.14
Exposure to animate mechanical factors	W50-W64	1	0.00
Accidental drowning and submersion	W65-W74	11	0.04
Other accidental threats to breathing	W75-W84	8	0.03
Exposure to electric current, radiation and extreme ambient air temperature	W85-W99	8	0.03
Exposure to smoke, fire and flames	X00-X09	51	0.18
Contact with heat and hot substances	X10-X19	9	0.03
Contact with venomous animals and plants	X20-X29	6	0.02
Exposure to forces of nature	X30-X39	5	0.02
Accidental poisoning by and exposure to noxious substances	X40-X49	86	0.30
Overexertion, travel and privation	X50-X57	-	-
Accidental exposure to other and unspecified factors	X58-X59	253	0.89

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF EXTERNAL CAUSES" (SAMBUNGAN)**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>INTENTIONAL SELF-HARM</b> Intentional self-harm	<b>X60-X84</b> X60-X84	<b>93</b> 93	<b>0.33</b> 0.33
<b>ASSAULT</b> Assault	<b>X85-Y09</b> X85-Y09	<b>62</b> 62	<b>0.22</b> 0.22
<b>EVENT OF UNDETERMINED INTENT</b> Event of undetermined intent	<b>Y10-Y34</b> Y10-Y34	<b>74</b> 74	<b>0.26</b> 0.26
<b>LEGAL INTERVENTION AND OPERATIONS OF WAR</b> Legal intervention and operations of war	<b>Y35-Y36</b> Y35-Y36	<b>1</b> 1	<b>0.00</b> 0.00
<b>COMPLICATIONS OF MEDICAL AND SURGICAL CARE</b> Drugs, medicaments and biological substances causing adverse effects in therapeutic use Misadventures to patients during surgical and medical care Medical devices associated with adverse incidents in diagnostic and therapeutic use Surgical and other medical procedures as the cause of abnormal reaction of the patient, or of later complication, without mention of misadventure at the time of the procedure	<b>Y40-Y84</b> Y40-Y59  Y60-Y69 Y70-Y82  Y83-Y84	<b>37</b> 11  4 2  20	<b>0.13</b> 0.04  0.01 0.01  0.07

**JADUAL 3.20. : BILANGAN DAN KADAR KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2009:  
"DISEASES OF EXTERNAL CAUSES" (SAMBUNGAN)**

Table 3.20. : Number and Mortality Rate in Ministry of Health Hospitals, Malaysia, 2009: Diseases of External Causes (Cont'd)

<i>Detailed Cause Groups ( Diseases of External Causes )</i>	<b>KOD I.C.D. - 10</b> <i>I.C.D. - 10 Code</i>	<b>BILANGAN KEMATIAN</b> <i>No. of Deaths</i>	<b>KADAR KEMATIAN (SETIAP 100 000 PENDUDUK)</b> <i>Mortality Rate (Per 100 000 Population)</i>
<b>SEQUELAE OF EXTERNAL CAUSES OF MORBIDITY AND MORTALITY</b> Sequelae of External Causes of Morbidity and Mortality	<b>Y85-Y89</b> Y85-Y89	<b>4</b> 2	<b>0.01</b> 0.01
<b>SUPPLEMENTARY FACTORS RELATED TO CAUSES OF MORBIDITY AND MORTALITY CLASSIFIED ELSEWHERE</b> Supplementary Factors Related to Causes of Morbidity and Mortality Classified Elsewhere	<b>Y90-Y98</b> Y90-Y98	<b>2</b> 2	<b>0.01</b> 0.01
<b>JUMLAH / Total</b>		<b>2,605</b>	<b>9.20</b>

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



**JADUAL 3.21. : BILANGAN DAN PERATUS MURID SEKOLAH RENDAH DAN MENENGAH YANG "ORALLY FIT", 2009**

Table 3.21. : Number and Percentage of Orally Fit Primary and Secondary School Children, 2009

NEGERI State	MURID SEKOLAH RENDAH Primary School Children		MURID SEK.REN. YANG TIDAK PERLU RAWATAN PERGIGIAN Primary School Children Who Do Not Require Dental Treatment		MURID SEKOLAH MENENGAH Secondary School Children		MURID SEK.MEN. YANG TIDAK PERLU RAWATAN PERGIGIAN Secondary School Children Who Do Not Require Dental Treatment	
	ENROLMEN Enrolment	KEDATANGAN BARU New Attendances	BILANGAN Number	%	ENROLMEN Enrolment	KEDATANGAN BARU New Attendances	BILANGAN Number	%
Perlis	26,883	26,127	17,712	67.79	24,750	23,835	19,001	79.72
Kedah	226,364	222,116	150,481	67.75	172,874	161,089	122,518	76.06
Pulau Pinang	141,869	141,552	77,745	54.92	105,585	94,617	76,806	81.18
Perak	249,944	248,567	164,229	66.07	215,805	212,759	162,534	76.39
Selangor	531,099	519,704	386,999	74.47	361,203	259,225	214,446	82.73
W.P. Kuala Lumpur	147,870	142,138	94,524	66.50	107,964	105,328	91,402	86.78
W.P. Putrajaya	7,315	6,784	4,687	69.09	5,295	5,248	4,729	90.11
W.P. Labuan	7,845	7,686	5,253	68.35	5,932	5,859	4,162	71.04
Negeri Sembilan	112,616	110,741	70,091	63.29	93,333	89,785	71,547	79.69
Melaka	87,703	86,771	53,554	61.72	71,750	70,753	53,488	75.60
Johor	366,321	360,946	302,435	83.79	268,287	262,847	219,199	83.39
Pahang	158,454	157,306	107,437	68.30	125,633	123,452	87,846	71.16
Terengganu	140,894	137,136	89,189	65.04	115,998	100,893	68,937	68.33
Kelantan	210,007	204,109	43,986	21.55	184,474	83,902	45,489	54.22
Sabah	266,749	252,069	138,265	54.85	191,949	71,427	34,647	48.51
Sarawak	273,240	252,588	143,621	56.86	208,410	37,718	23,966	63.54
<b>MALAYSIA</b>	<b>2,955,173</b>	<b>2,876,340</b>	<b>1,850,208</b>	<b>64.33</b>	<b>2,259,242</b>	<b>1,708,737</b>	<b>1,300,717</b>	<b>76.12</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, 2009**

Table 3.22. : Dental Caries Status: Number of School Children 12 Years Old With M + X = 0 by States, Malaysia, 2009

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	4,595	4,466	97.19
Kedah	39,683	38,442	96.87
Pulau Pinang	24,738	24,287	98.18
Perak	44,236	43,343	97.98
Selangor	86,757	85,073	98.06
W.P. Kuala Lumpur	24,535	24,221	98.72
W.P. Putrajaya	1,023	1,015	99.22
W.P. Labuan	1,206	1,195	99.09
Negeri Sembilan	19,301	18,847	97.65
Melaka	14,912	14,532	97.45
Johor	61,351	60,021	97.83
Pahang	27,059	25,985	96.03
Terengganu	23,770	22,412	94.29
Kelantan	36,056	33,364	92.53
Sabah	42,692	37,537	87.93
Sarawak	43,464	40,980	94.28
<b>MALAYSIA</b>	<b>495,378</b>	<b>475,720</b>	<b>96.03</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 2009**

Table 3.23. : Dental Caries Status: Number of School Children Aged 12 and 16 Years Caries Free (DMFX = 0), by State, Malaysia 2009

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	4,595	3,131	68.14	4,622	2,408	52.10
Kedah	39,683	26,636	67.12	29,365	17,331	59.02
Pulau Pinang	24,738	16,010	64.72	18,040	9,445	52.36
Perak	44,236	29,890	67.57	40,505	20,794	51.34
Selangor	86,757	68,324	78.75	48,836	32,599	66.75
W.P. Kuala Lumpur	24,535	19,125	77.95	20,011	13,678	68.35
W.P. Putrajaya	1,023	771	75.37	923	619	67.06
W.P. Labuan	1,206	691	57.30	1,141	376	32.95
Negeri Sembilan	19,301	14,207	73.61	17,725	10,682	60.27
Melaka	14,912	9,693	65.00	13,895	7,282	52.41
Johor	61,351	45,572	74.28	49,764	29,473	59.23
Pahang	27,059	16,301	60.24	24,019	10,082	41.98
Terengganu	23,770	11,821	49.73	19,530	7,587	38.85
Kelantan	36,056	11,018	30.56	15,217	4,638	30.48
Sabah	42,692	12,986	30.42	12,732	2,002	15.72
Sarawak	43,464	22,189	51.05	7,506	2,747	36.60
<b>MALAYSIA</b>	<b>495,378</b>	<b>308,365</b>	<b>62.25</b>	<b>323,831</b>	<b>171,743</b>	<b>53.03</b>

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



# 4

PETUNJUK KEMAJUAN PERKHIDMATAN KESIHATAN  
*Health Services Improvement Indicators*



**JADUAL 4.1. : BILANGAN KEMUDAHAN KESIHATAN AWAM DAN NISBAH KEMUDAHAN KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA, PADA 31HB. DISEMBER, 2009**

Table 4.1. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia, on 31st December, 2009

NEGERI State	BILANGAN KLINIK KESIHATAN Number of Health Clinics	NISBAH KLINIK KESIHATAN: PENDUDUK Health Clinic: Population Ratio	BILANGAN KLINIK DESA Number of Community Clinics	NISBAH KLINIK DESA: PENDUDUK Community Clinic: Population Ratio
Perlis	9	1: 26,744	30	1: 8,023
Kedah	53	1: 37,736	224	1: 8,929
Pulau Pinang	26	1: 60,665	62	1: 25,440
Perak	72	1: 33,240	245	1: 9,769
Selangor	56	1: 91,275	133	1: 38,432
W.P. Kuala Lumpur	13	1: 127,315	0	1: 0
W.P. Putrajaya	1	1: 68,200	0	1: 0
Negeri Sembilan	38	1: 26,682	104	1: 9,749
Melaka	26	1: 29,588	61	1: 12,611
Johor	90	1: 37,613	265	1: 12,774
Pahang	61	1: 25,300	249	1: 6,198
Terengganu	39	1: 28,746	134	1: 8,366
Kelantan	53	1: 30,834	199	1: 8,212
Sabah	77	1: 41,571	190	1: 16,847
W.P. Labuan	1	1: 89,000	10	1: 8,900
Sarawak	193	1: 12,972	14	1: 178,829
<b>MALAYSIA</b>	<b>808</b>	<b>1: 35,033</b>	<b>1,920</b>	<b>1: 14,743</b>

**JADUAL 4.1. : BILANGAN KEMUDAHAN KESIHATAN AWAM DAN NISBAH KEMUDAHAN KESIHATAN AWAM  
KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA, PADA 31HB. DISEMBER, 2009 (SAMBUNGAN)**

Table 4.1. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia,  
on 31st December, 2009 (Cont'd)

NEGERI State	BILANGAN KLINIK KESIHATAN IBU & ANAK Number of Maternal & Child Health Clinic	BILANGAN KLINIK BERGERAK Number of Mobile Clinic
Perlis	0	0
Kedah	7	1
Pulau Pinang	6	0
Perak	10	6
Selangor	5	18
W.P. Kuala Lumpur	0	0
W.P. Putrajaya	0	0
Negeri Sembilan	1	2
Melaka	2	0
Johor	4	31
Pahang	6	26
Terengganu	1	0
Kelantan	3	2
Sabah	22	8
W.P. Labuan	1	0
Sarawak	22	102
<b>MALAYSIA</b>	<b>90</b>	<b>196</b>

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



**JADUAL 4.1. : BILANGAN KEMUDAHAN KESIHATAN AWAM DAN NISBAH KEMUDAHAN KESIHATAN AWAM KEPADA PENDUDUK MENGIKUT NEGERI, MALAYSIA, PADA 31HB. DISEMBER, 2009 (SAMBUNGAN)**

Table 4.1. : Number of Public Health Facilities and Public Health Facility Ratio to Population by State, Malaysia, on 31st December, 2009 (Cont'd)

NEGERI State	BILANGAN KLINIK PERGIGIAN Number of Dental Clinics	NISBAH KLINIK PERGIGIAN: PENDUDUK Dental Clinic: Population Ratio	BILANGAN KLINIK PERGIGIAN BERGERAK* Number of Mobile Dental Clinics*	NISBAH KLINIK PERGIGIAN BERGERAK*: PENDUDUK Mobile Dental Clinic*: Population Ratio
Perlis	42	1: 5,731	9	1: 26,744
Kedah	130	1: 15,385	45	1: 44,444
Pulau Pinang	101	1: 15,617	42	1: 37,555
Perak	165	1: 14,505	62	1: 38,602
Selangor	127	1: 40,247	57	1: 89,674
W.P. Kuala Lumpur	82	1: 20,184	22	1: 75,232
W.P. Putrajaya	3	1: 22,733	0	1: -
Negeri Sembilan	96	1: 10,561	31	1: 32,706
Melaka	63	1: 12,211	22	1: 34,968
Johor	182	1: 18,600	32	1: 105,788
Pahang	144	1: 10,717	27	1: 57,159
Terengganu	83	1: 13,507	25	1: 44,844
Kelantan	145	1: 11,270	44	1: 37,141
Sabah	165	1: 19,400	65	1: 49,246
W.P. Labuan	5	1: 17,800	3	1: 29,667
Sarawak	191	1: 13,108	74	1: 33,832
<b>MALAYSIA</b>	<b>1,724</b>	<b>1: 16,419</b>	<b>560</b>	<b>1: 50,548</b>

\* TERMASUK PASUKAN PERGIGIAN BERGERAK DAN PRA SEKOLAH  
Includes Mobile and Pre School Team

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, 2009**

Table 4.2. : *Distribution of Hospital and Bed Strength by Sector and State, Malaysia, 2009*

NEGERI State	HOSPITAL KERAJAAN Government Hospitals				HOSPITAL SWASTA* Private Hospitals*		JUMLAH BESAR Grand Total		NISBAH KATIL: PENDUDUK Bed: Population Ratio
	KKM MoH		BUKAN KKM Non MoH		Bil/No	Katil/Beds	Bil/No	Katil/Beds	
	Bil/No	Katil/Beds	Bil/No	Katil/Beds					
Perlis	1	404	0	0	1	2	2	406	1: 593
Kedah	9	2,211	0	0	10	437	19	2,648	1: 755
Pulau Pinang	6	1,930	1	747	27	2,084	34	4,761	1: 331
Perak	15	6,070	1	143	14	758	30	6,971	1: 343
Selangor	11	4,595	2	1,220	62	3,063	75	8,878	1: 576
W.P. Kuala Lumpur	2	2,339	2	1,233	44	2,792	48	6,364	1: 260
W.P. Putrajaya	1	272	0	0	0	0	1	272	1: 251
Negeri Sembilan	6	1,527	0	0	8	393	14	1,920	1: 528
Melaka	3	1,006	1	144	5	819	9	1,969	1: 391
Johor	12	4,917	1	36	37	1,070	50	6,023	1: 562
Pahang	10	1,907	0	0	9	201	19	2,108	1: 732
Terengganu	6	1,372	0	0	3	31	9	1,403	1: 799
Kelantan	9	1,652	0	0	4	150	13	1,802	1: 907
Sabah	22	4,136	0	0	7	278	29	4,414	1: 725
W.P. Labuan	1	109	0	0	0	0	1	109	1: 817
Sarawak	22	3,610	0	0	14	541	36	4,151	1: 603
<b>MALAYSIA</b>	<b>136</b>	<b>38,057</b>	<b>8</b>	<b>3,523</b>	<b>245</b>	<b>12,619</b>	<b>389</b>	<b>54,199</b>	<b>1: 522</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, 2009**

Table 4.3. : School Coverage by Health Services by State, Malaysia, 2009

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	100.00	26	26	100.00
Kedah	550	550	100.00	196	196	100.00
Pulau Pinang	273	271	99.27	117	117	100.00
Perak	869	869	100.00	252	252	100.00
Selangor	680	680	100.00	273	273	100.00
W.P. Kuala Lumpur	210	210	100.00	93	93	100.00
W.P. Putrajaya	9	9	100.00	6	6	100.00
Negeri Sembilan	351	349	99.43	120	118	98.33
Melaka	235	235	100.00	73	73	100.00
Johor	915	825	90.16	275	248	90.18
Pahang	525	525	100.00	191	191	100.00
Terengganu	364	364	100.00	130	123	94.62
Kelantan	468	401	85.68	228	216	94.74
Sabah	1,093	1087	99.45	229	228	99.56
W.P. Labuan	18	18	100.00	8	8	100.00
Sarawak	1,076	1076	100.00	129	129	100.00
<b>MALAYSIA</b>	<b>7,712</b>	<b>7,545</b>	<b>97.83</b>	<b>2,346</b>	<b>2,297</b>	<b>97.91</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, 2009**

Table 4.4. : 10 Principal Causes of Hospitalisation in Ministry of Health Hospitals, Malaysia 2009

<b>NO.</b> <i>Rank</i>	<b>SEBAB UTAMA</b> <i>Principal Causes</i>	<b>BILANGAN DISCAJ</b> <i>Number of Discharges</i>	<b>% KEPADA JUMLAH DISCAJ</b> <i>% To Total Discharges</i>
1	Normal Deliveries (Single Spontaneous Delivery)	281,611	13.16
2	Complications of Pregnancy, Childbirth and the Puerperium	280,408	13.10
3	Diseases of the Respiratory System	200,718	9.38
4	Accidents (Accidental Injury)	171,735	8.03
5	Certain Conditions Originating in the Perinatal Period	149,994	7.01
6	Diseases of the Circulatory System	147,843	6.91
7	Diseases of Digestive System	110,690	5.17
8	Ill Defined Conditions (Symptoms and Signs)	74,957	3.50
9	Diseases of the Urinary System	73,258	3.42
10	Malignant Neoplasms	64,578	3.02
	<b>ALL CAUSES ( Admissions)</b>	<b>2,139,906</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, 2009**  
Table 4.5. : 10 Principal Causes of Death in Ministry of Health Hospitals, Malaysia, 2009

<b>NO. Rank</b>	<b>SEBAB UTAMA Principal Causes</b>	<b>BILANGAN KEMATIAN Number of Deaths</b>	<b>% KEPADA JUMLAH KEMATIAN % To Total Deaths</b>
1	Heart Diseases & Diseases of Pulmonary Circulation	7,738	16.09
2	Septicaemia	6,648	13.82
3	Malignant Neoplasms	5,220	10.85
4	Pneumonia	4,994	10.38
5	Cerebrovascular Diseases	4,052	8.43
6	Diseases of Digestive System	2,393	4.98
7	Accidents	2,332	4.85
8	Certain Conditions Originating in the Perinatal Period	1,836	3.82
9	Nephritis, Nephrotic, Syndrome and Nephrosis	1,724	3.58
10	Chronic Lower Respiratory Diseases	978	2.03
	<b>ALL CAUSES</b>	<b>48,091</b>	<b>100.00</b>

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

**JADUAL 4.6. : KADAR KES KEMATIAN DI HOSPITAL KEMENTERIAN KESIHATAN MALAYSIA, 2005 - 2009**

Table 4.6. : Hospital Case Fatality Rate in Ministry of Health Hospitals, Malaysia, 2005 - 2009

<b>PERKARA</b> <i>Subjects</i>	<b>2005</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>
JUMLAH KEMATIAN DI HOSPITAL KKM <i>Total Number of Deaths in MoH Hospitals</i>	39,602	40,586	43,089	45,936	48,091
JUMLAH DISCAJ DI HOSPITAL KKM <i>Total Number of Discharges in MoH Hospitals</i>	1,855,020	1,905,819	1,970,958	2,072,449	2,139,768
KADAR KES KEMATIAN DI HOSPITAL KKM <i>Case Fatality Rate in MoH Hospitals %</i>	2.13	2.13	2.19	2.22	2.25

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 2009**

Table 4.7. : Index of Health Legislation in Malaysia, Up to 2009

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

**JADUAL 4.7. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2009 (SAMBUNGAN)**

Table 4.7. : Index of Health Legislation in Malaysia, Up to 2009 (Cont'd)

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



**JADUAL 4.7. : INDEKS UNDANG-UNDANG KESIHATAN DI MALAYSIA SEHINGGA TAHUN 2009 (SAMBUNGAN)**Table 4.7. : *Index of Health Legislation in Malaysia, Up to 2009 (Cont'd)*

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

PUNCA : PEJABAT PENASIHAT UNDANG-UNDANG - KEMENTERIAN KESIHATAN MALAYSIA.

Source : *Legal Advisor Office - Ministry of Health Malaysia.*

**JADUAL 4.8. : BILANGAN DOKTOR MENGIKUT NEGERI, SEKTOR DAN NISBAH DOKTOR KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.8. : Number of Doctors by State, Sector and Ratio of Doctor to Population, Malaysia, 2009

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	269	NOT AVAILABLE	269	38	307	1: 784
Kedah	1,124		1,124	482	1,606	1: 1,245
Pulau Pinang	1,171		1,171	960	2,131	1: 740
Perak	1,807		1,807	854	2,661	1: 899
Selangor	2,877		2,877	2,624	5,501	1: 929
W.P Kuala Lumpur	1,944		1,944	1,952	3,896	1: 425
W.P Putrajaya	203		203	10	213	1: 320
W.P Labuan	24		24	17	41	1: 2,171
Negeri Sembilan	942		942	372	1,314	1: 772
Melaka	651		651	406	1,057	1: 728
Johor	1,588		1,588	1,072	2,660	1: 1,273
Pahang	963		963	385	1,348	1: 1,145
Terengganu	658		658	193	851	1: 1,317
Kelantan	776		776	218	994	1: 1,644
Sabah	1,204		1,204	379	1,583	1: 2,022
Sarawak	1,101		1,101	382	1,483	1: 1,688
<b>MALAYSIA</b>	<b>17,302</b>		<b>2,890</b>	<b>20,192</b>	<b>10,344</b>	<b>30,536</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, 2009**

Table 4.9. : Number of Dentists by State, Sector and Ratio of Dentist to Population, Malaysia, 2009

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	34	0	34	4	38	1: 6,334
Kedah	110	3	113	51	164	1: 12,195
Pulau Pinang	112	11	123	135	258	1: 6,114
Perak	142	10	152	114	266	1: 8,997
Selangor	163	29	192	466	658	1: 7,768
W.P Kuala Lumpur <sup>1</sup>	173	190	363	388	751	1: 2,295
W.P Putrajaya	-	-	-	-	-	-
W.P Labuan	3	1	4	2	6	1: 14,833
Negeri Sembilan	97	9	106	53	159	1: 6,377
Melaka	66	7	73	46	119	1: 6,465
Johor	142	6	148	172	320	1: 10,579
Pahang	110	12	122	47	169	1: 9,132
Terengganu	87	1	88	38	126	1: 8,898
Kelantan	106	44	150	45	195	1: 8,381
Sabah	81	3	84	77	161	1: 19,882
Sarawak	101	5	106	71	177	1: 14,145
<b>Malaysia</b>	<b>1,527</b>	<b>331</b>	<b>1,858</b>	<b>1,709</b>	<b>3,567</b>	<b>1: 7,936</b>

NOTA/Note:

DATA DARIPADA BAHAGIAN KESIHATAN PERGIGIAN, KKM  
Data from Oral Health Division, MoH

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

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

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, 2009**

Table 4.10. : Number of Pharmacists by State, Sector and Ratio of Pharmacist to Population, Malaysia, 2009

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	65	0	65	13	78	1: 3,086
Kedah	238	0	238	143	381	1: 5,249
Pulau Pinang	234	37	271	327	598	1: 2,638
Perak	356	0	356	192	548	1: 4,367
Selangor	776	47	823	883	1,706	1: 2,996
W.P Kuala Lumpur <sup>1</sup>	297	54	351	422	773	1: 2,229
W.P Putrajaya	-	-	-	-	-	-
W.P Labuan	15	0	15	5	20	1: 4,450
Negeri Sembilan	166	0	166	79	245	1: 4,138
Melaka	125	0	125	77	202	1: 3,808
Johor	320	0	320	215	535	1: 6,327
Pahang	214	9	223	65	288	1: 5,359
Terengganu	154	2	156	9	165	1: 6,795
Kelantan	170	11	181	89	270	1: 6,053
Sabah	306	0	306	186	492	1: 6,506
Sarawak	280	1	281	202	483	1: 5,183
<b>Malaysia</b>	<b>3,716</b>	<b>161</b>	<b>3,877</b>	<b>2,907</b>	<b>6,784</b>	<b>1: 4,137</b>

NOTA/Note:

- DATA DARIPADA LEMBAGA FARMASI MALAYSIA <sup>1</sup> Termasuk Wilayah Persekutuan Putrajaya
- Data from Pharmacy Board Malaysia <sup>1</sup> Includes Wilayah Persekutuan Putrajaya

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.11. : BILANGAN JURUOPTIK BERDAFTAR MENGIKUT NEGERI, DI SEKTOR SWASTA DAN NISBAH JURUOPTIK KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.11. : Number of Registered Opticians in Private Sector and Ratio of Optician to Population, Malaysia, 2009

NEGERI State	SEKTOR SWASTA* Private Sector*	NISBAH JURUOPTIK: PENDUDUK Optician : Population Ratio
Perlis	11	1: 21,882
Kedah	115	1: 17,391
Pulau Pinang	188	1: 8,390
Perak	273	1: 8,767
Selangor	678	1: 7,539
W.P Kuala Lumpur	499	1: 3,317
W.P Putrajaya	2	1: 34,100
W.P Labuan	3	1: 29,667
Negeri Sembilan	97	1: 10,453
Melaka	87	1: 8,843
Johor	330	1: 10,258
Pahang	101	1: 15,280
Terengganu	31	1: 36,165
Kelantan	42	1: 38,910
Sabah	131	1: 24,435
Sarawak	132	1: 18,967
<b>Malaysia</b>	<b>2,720</b>	<b>1: 10,407</b>

NOTA/Note:

\*DATA DARIPADA MAJLIS OPTIK MALAYSIA

\*Data from Malaysian Optical Council

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.12. : BILANGAN OPTOMETRIS BERDAFTAR MENGIKUT NEGERI, SEKTOR DAN NISBAH OPTOMETRIS KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.12. : Number of Registered Optometrists by State, Sector and Ratio of Optometrist to Population, Malaysia, 2009

NEGERI State	SEKTOR AWAM* Public Sector*			SEKTOR SWASTA* Private Sector*	JUMLAH Total	NISBAH OPTOMETRIS : PENDUDUK Optometrist : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total			
Perlis	3	-	3	3	6	1: 40,117
Kedah	9	-	9	35	44	1: 45,455
Pulau Pinang	10	-	10	59	69	1: 22,859
Perak	14	-	14	28	42	1: 56,983
Selangor	31	7	38	149	187	1: 27,334
W.P Kuala Lumpur	19	21	40	94	134	1: 12,351
W.P Putrajaya	5	-	5	5	10	1: 6,820
W.P Labuan	2	-	2	1	3	1: 29,667
Negeri Sembilan	12	-	12	22	34	1: 29,821
Melaka	3	-	3	25	28	1: 27,475
Johor	16	-	16	49	65	1: 52,080
Pahang	9	10	19	18	37	1: 41,711
Terengganu	5	-	5	23	28	1: 40,039
Kelantan	9	-	9	25	34	1: 48,065
Sabah	10	-	10	18	28	1: 114,321
Sarawak	9	-	9	19	28	1: 89,414
<b>Malaysia</b>	<b>166</b>	<b>38</b>	<b>204</b>	<b>573</b>	<b>777</b>	<b>1: 36,431</b>

NOTA/Note:

\*DATA DARIPADA MAJLIS OPTIK MALAYSIA

\*Data from Malaysian Optical Council

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.13. : BILANGAN JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH JURURAWAT KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.13. : Number of Nurses by State, Sector and Ratio of Nurse to Population, Malaysia, 2009

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA** Private Sector	JUMLAH Total	NISBAH JURUAWAT : PENDUDUK Nurse : Population Ratio
	KKM* MoH	BUKAN KKM** Non MoH	JUMLAH Total			
Perlis	654	NOT AVAILABLE	NOT AVAILABLE	NOT AVAILABLE	654	1: 368
Kedah	3,187				3,187	1: 628
Pulau Pinang	2,495				2,495	1: 632
Perak	3,804				3,804	1: 629
Selangor	4,704				4,704	1: 1,087
W.P Kuala Lumpur	3,597				3,597	1: 460
W.P Putrajaya	336				336	1: 203
W.P Labuan	138				138	1: 645
Negeri Sembilan	1,656				1,656	1: 612
Melaka	1,377				1,377	1: 559
Johor	4,576				4,576	1: 740
Pahang	2,770				2,770	1: 557
Terengganu	2,081				2,081	1: 539
Kelantan	2,300				2,300	1: 711
Sabah	3,916				3,916	1: 817
Sarawak	2,972				2,972	1: 842
<b>Malaysia</b>	<b>40,563</b>	<b>4,497</b>	<b>45,060</b>	<b>14,315</b>	<b>59,375</b>	<b>1: 477</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

\*\* DATA DARIPADA LEMBAGA JURURAWAT MALAYSIA

\*\* Data from Malaysia Nursing Board

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.14. : BILANGAN JURURAWAT MASYARAKAT DAN BIDAN BAHAGIAN II MENGIKUT NEGERI, SEKTOR DAN NISBAH KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.14. : Number of Community Nurses and Midwives Division II by State, Sector and Ratio to Population, Malaysia, 2009

NEGERI State	SEKTOR AWAM / Public Sector			JUMLAH Total	SEKTOR SWASTA** Private Sector**	JUMLAH Total	NISBAH JURURAWAT MASYARAKAT : PENDUDUK Community Nurse : Population Ratio
	KEMENTERIAN KESIHATAN* Ministry of Health*		BUKAN KKM** Non MoH**		JURURAWAT MASYARAKAT Community Nurses		
	JURURAWAT MASYARAKAT Community Nurses	BIDAN (Bhg.II) Midwives (Div II)	JURURAWAT MASYARAKAT Community Nurses				
Perlis	260	12	NOT AVAILABLE	272	NOT AVAILABLE	272	1: 885
Kedah	1,283	56		1,339		1,339	1: 1,494
Pulau Pinang	833	25		858		858	1: 1,838
Perak	1,632	42		1,674		1,674	1: 1,430
Selangor	1,986	41		2,027		2,027	1: 2,522
W.P Kuala Lumpur	652	3		655		655	1: 2,527
W.P Putrajaya	-	-		-		-	-
W.P Labuan	60	0		60		60	1: 1,483
Negeri Sembilan	652	27		679		679	1: 1,493
Melaka	589	10		599		599	1: 1,284
Johor	1,521	80		1,601		1,601	1: 2,114
Pahang	1,374	33		1,407		1,407	1: 1,097
Terengganu	1,024	46		1,070		1,070	1: 1,048
Kelantan	1,333	95		1,428		1,428	1: 1,144
Sabah	2,543	16		2,559		2,559	1: 1,251
Sarawak	2,416	0		2,416		2,416	1: 1,036
<b>Malaysia</b>	<b>18,158</b>	<b>486</b>		<b>207</b>		<b>18,851</b>	<b>1,312</b>

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

\*\* DATA DARIPADA LEMBAGA JURURAWAT MALAYSIA  
\*\* Data from Malaysia Nursing Board

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



**JADUAL 4.15. : BILANGAN PENOLONG JURURAWAT MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG JURURAWAT KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.15. : Number of Assistant Nurses by State, Sector and Ratio of Assistant Nurse to Population, Malaysia, 2009

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA** Private Sector**	JUMLAH Total	NISBAH PENOLONG JURURAWAT : PENDUDUK Assistant Nurse : Population Ratio
	KKM* MoH	BUKAN KKM** Non MoH	JUMLAH Total			
Perlis	28	NOT AVAILABLE	28	NOT AVAILABLE	28	1: 8,596
Kedah	113		113		113	1: 17,699
Pulau Pinang	86		86		86	1: 18,341
Perak	224		224		224	1: 10,684
Selangor	118		118		118	1: 43,317
W.P Kuala Lumpur	52		52		52	1: 31,829
W.P Putrajaya	2		2		2	-
W.P Labuan	12		12		12	1: 7,417
Negeri Sembilan	81		81		81	1: 12,517
Melaka	34		34		34	1: 22,626
Johor	170		170		170	1: 19,913
Pahang	110		110		110	1: 14,030
Terengganu	82		82		82	1: 13,672
Kelantan	152		152		152	1: 10,751
Sabah	557		557		557	1: 5,747
Sarawak	44		44		44	1: 56,900
<b>Malaysia</b>	<b>1,865</b>		<b>88</b>		<b>1,953</b>	<b>2,327</b>

NOTA/Note:

\* DATA DARIPADA BAHAGIAN SUMBER MANUSIA, KKM

\* Data from Human Resource Division, MoH

\*\* DATA DARIPADA LEMBAGA JURURAWAT MALAYSIA

\*\* Data from Malaysia Nursing Board

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.16. : BILANGAN PENOLONG PEGAWAI PERUBATAN MENGIKUT NEGERI, SEKTOR DAN NISBAH PENOLONG PEGAWAI PERUBATAN KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.16. : Number of Assistant Medical Officers by State, Sector and Ratio of Assistant Medical Officer to Population, Malaysia, 2009

NEGERI State	SEKTOR AWAM Public Sector			SEKTOR SWASTA** Private Sector	JUMLAH Total	NISBAH PENOLONG PEGAWAI PERUBATAN : PENDUDUK Assistant Medical Officer : Population Ratio
	KKM* MoH	BUKAN KKM** Non MoH	JUMLAH Total			
Perlis	130	3	133	7	140	1: 1,719
Kedah	599	8	607	37	644	1: 3,106
Pulau Pinang	449	7	456	50	506	1: 3,117
Perak	923	20	943	55	998	1: 2,398
Selangor	803	14	817	74	891	1: 5,737
W.P Kuala Lumpur <sup>1</sup>	586	90	676	92	768	1: 2,244
W.P Putrajaya	-	-	-	-	-	-
W.P Labuan	24	0	24	3	27	1: 3,296
Negeri Sembilan	362	4	366	42	408	1: 2,485
Melaka	276	21	297	36	333	1: 2,310
Johor	791	10	801	49	850	1: 3,983
Pahang	583	8	591	23	614	1: 2,514
Terengganu	399	14	413	34	447	1: 2,508
Kelantan	510	38	548	48	596	1: 2,742
Sabah	859	2	861	75	936	1: 3,420
Sarawak	1,111	4	1,115	141	1,256	1: 1,993
<b>Malaysia</b>	<b>8,405</b>	<b>243</b>	<b>8,648</b>	<b>766</b>	<b>9,414</b>	<b>1: 3,007</b>

NOTA/Note:

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

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

**JADUAL 4.17. : BILANGAN PENOLONG PEGAWAI FARMASI (KKM) MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI FARMASI KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.17. : Number of Assistant Pharmacy Officers (MoH) by State and Ratio of Assistant Pharmacy Officer to Population, Malaysia, 2009

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH PENOLONG PEGAWAI FARMASI : PENDUDUK Assistant Pharmacy Officer : Population Ratio
Perlis	38	1: 6,334
Kedah	197	1: 10,152
Pulau Pinang	145	1: 10,878
Perak	297	1: 8,058
Selangor	273	1: 18,723
W.P Kuala Lumpur	255	1: 6,758
W.P Putrajaya	-	-
W.P Labuan	14	1: 6,357
Negeri Sembilan	125	1: 8,111
Melaka	95	1: 8,098
Johor	281	1: 12,047
Pahang	202	1: 7,640
Terengganu	141	1: 7,951
Kelantan	188	1: 8,693
Sabah	366	1: 8,746
Sarawak	332	1: 7,541
<b>Malaysia</b>	<b>2,949</b>	<b>1: 9,599</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 JURURAWAT PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURURAWAT PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.18. : Number of Dental Nurses in Public Sector by State and Ratio of Dental Nurse to Population, Malaysia, 2009

NEGERI State	SEKTOR AWAM* Public Sector*			JUMLAH Total	NISBAH JURURAWAT PERGIGIAN : PENDUDUK Dental Nurse : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total		
Perlis	49	NOT AVAILABLE	49	49	1: 4,912
Kedah	154		154	154	1: 12,987
Pulau Pinang	170		170	170	1: 9,278
Perak	201		201	201	1: 11,907
Selangor	186		186	186	1: 27,481
W.P Kuala Lumpur <sup>1</sup>	136		136	136	1: 12,671
W.P Putrajaya	-		-	-	-
W.P Labuan	14		14	14	1: 6,357
Negeri Sembilan	110		110	110	1: 9,217
Melaka	87		87	87	1: 8,843
Johor	157		157	157	1: 21,562
Pahang	183		183	183	1: 8,433
Terengganu	132		132	132	1: 8,493
Kelantan	171		171	171	1: 9,557
Sabah	311		311	311	1: 10,293
Sarawak	386		386	386	1: 6,486
<b>Malaysia</b>	<b>2,447</b>		<b>2,447</b>	<b>2,447</b>	<b>1: 11,568</b>

NOTA/Note:

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

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

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

**JADUAL 4.19. : BILANGAN JURUTEKNIK PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH JURUTEKNIK PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.19. : Number of Dental Technicians in Public Sector by State and Ratio of Dental Technician to Population, Malaysia, 2009

NEGERI State	SEKTOR AWAM* Public Sector*			SEKTOR SWASTA Private Sector	JUMLAH Total	NISBAH JURUTEKNIK PERGIGIAN : PENDUDUK Dental Technician : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total			
Perlis	14	NOT AVAILABLE	14	NOT AVAILABLE	14	1: 17,193
Kedah	56		56		56	1: 35,714
Pulau Pinang	45		45		45	1: 35,051
Perak	61		61		61	1: 39,234
Selangor	71		71		71	1: 71,992
W.P Kuala Lumpur <sup>1</sup>	45		45		45	1: 38,296
W.P Putrajaya	-		-		-	-
W.P Labuan	2		2		2	1: 44,500
Negeri Sembilan	39		39		39	1: 25,997
Melaka	27		27		27	1: 28,493
Johor	59		59		59	1: 57,376
Pahang	51		51		51	1: 30,261
Terengganu	58		58		58	1: 19,329
Kelantan	67		67		67	1: 24,391
Sabah	54		54		54	1: 59,278
Sarawak	88		88		88	1: 28,450
<b>Malaysia</b>	<b>737</b>		<b>737</b>		<b>737</b>	<b>1: 38,408</b>

NOTA/Note:

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

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.20. : BILANGAN PEMBANTU PEMBEDAHAN PERGIGIAN DI SEKTOR AWAM MENGIKUT NEGERI DAN NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.20. : Number of Dental Surgery Assistants In Public Sector by State and Ratio of Dental Surgery Assistant to Population, Malaysia, 2009

NEGERI State	SEKTOR AWAM* Public Sector*			JUMLAH Total	NISBAH PEMBANTU PEMBEDAHAN PERGIGIAN : PENDUDUK Dental Surgery Assistant : Population Ratio
	KKM MoH	BUKAN KKM Non MoH	JUMLAH Total		
Perlis	71	NOT AVAILABLE	71	71	1: 3,390
Kedah	160		160	160	1: 12,500
Pulau Pinang	197		197	197	1: 8,007
Perak	247		247	247	1: 9,689
Selangor	271		271	271	1: 18,861
W.P Kuala Lumpur <sup>1</sup>	217		217	217	1: 7,941
W.P Putrajaya	-		-	-	-
W.P Labuan	9		9	9	1: 9,889
Negeri Sembilan	162		162	162	1: 6,259
Melaka	126		126	126	1: 6,106
Johor	216		216	216	1: 15,672
Pahang	227		227	227	1: 6,799
Terengganu	208		208	208	1: 5,390
Kelantan	182		182	182	1: 8,979
Sabah	268		268	268	1: 11,944
Sarawak	259	259	259	1: 9,666	
<b>Malaysia</b>	<b>2,820</b>		<b>2,820</b>	<b>2,820</b>	<b>1: 10,038</b>

NOTA/Note:

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

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

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.21. : BILANGAN PENOLONG PEGAWAI KESIHATAN PERSEKITARAN (KKM) MENGIKUT NEGERI DAN NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.21. : Number of Assistant Environmental Health Officers (MoH) by State and Ratio of Assistant Environmental Health Officer to Population, Malaysia, 2009

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH PENOLONG PEGAWAI KESIHATAN PERSEKITARAN : PENDUDUK Assistant Environmental Health Officer : Population Ratio
Perlis	49	1: 4,912
Kedah	207	1: 9,662
Pulau Pinang	141	1: 11,187
Perak	214	1: 11,184
Selangor	256	1: 19,966
W.P Kuala Lumpur <sup>1</sup>	129	1: 13,359
W.P Putrajaya	-	-
W.P Labuan	12	1: 7,417
Negeri Sembilan	127	1: 7,983
Melaka	71	1: 10,835
Johor	204	1: 16,594
Pahang	183	1: 8,433
Terengganu	186	1: 6,027
Kelantan	202	1: 8,090
Sabah	357	1: 8,966
Sarawak	377	1: 6,641
<b>Malaysia</b>	<b>2,715</b>	<b>1: 10,426</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 JURUTEKNOLOGI MAKMAL PERUBATAN (KKM) MENGIKUT NEGERI DAN NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.22. : Number of Medical Laboratory Technologists (MoH) by State and Ratio of Medical Laboratory Technologist to Population, Malaysia, 2009

<b>NEGERI</b> State	<b>KEMENTERIAN KESIHATAN MALAYSIA*</b> Ministry of Health*	<b>NISBAH JURUTEKNOLOGI MAKMAL PERUBATAN : PENDUDUK</b> Medical Laboratory Technologist : Population Ratio
Perlis	54	1: 4,457
Kedah	257	1: 7,782
Pulau Pinang	232	1: 6,799
Perak	378	1: 6,331
Selangor	465	1: 10,992
W.P Kuala Lumpur <sup>1</sup>	579	1: 2,976
W.P Putrajaya	-	-
W.P Labuan	19	1: 4,684
Negeri Sembilan	162	1: 6,259
Melaka	138	1: 5,575
Johor	347	1: 9,756
Pahang	250	1: 6,173
Terengganu	176	1: 6,370
Kelantan	236	1: 6,925
Sabah	567	1: 5,646
Sarawak	590	1: 4,243
<b>Malaysia</b>	<b>4,450</b>	<b>1: 6,361</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 JURU X-RAY (KKM) MENGIKUT NEGERI DAN NISBAH JURU X-RAY KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.23. : Number of Radiographers (MoH) by State and Ratio of Radiographer to Population, Malaysia, 2009

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURU X-RAY : PENDUDUK Radiographer : Population Ratio
Perlis	17	1: 14,159
Kedah	102	1: 19,608
Pulau Pinang	98	1: 16,095
Perak	124	1: 19,301
Selangor	198	1: 25,815
W.P Kuala Lumpur <sup>1</sup>	195	1: 8,837
W.P Putrajaya	-	1: -
W.P Labuan	5	1: 17,800
Negeri Sembilan	66	1: 15,362
Melaka	39	1: 19,726
Johor	201	1: 16,842
Pahang	87	1: 17,739
Terengganu	55	1: 20,384
Kelantan	69	1: 23,684
Sabah	156	1: 20,519
Sarawak	207	1: 12,095
<b>Malaysia</b>	<b>1,619</b>	<b>1: 17,484</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. : BILANGAN JURUPULIH PERUBATAN ANGGOTA (KKM) MENGIKUT NEGERI DAN NISBAH JURUPULIH PERUBATAN ANGGOTA KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.24. : Number of Physiotherapists (MoH) by State and Ratio of Physiotherapist to Population, Malaysia, 2009

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUPULIH PERUBATAN ANGGOTA : PENDUDUK Physiotherapist : Population Ratio
Perlis	11	1: 21,882
Kedah	38	1: 52,632
Pulau Pinang	44	1: 35,848
Perak	60	1: 39,888
Selangor	71	1: 71,992
W.P Kuala Lumpur <sup>1</sup>	71	1: 24,272
W.P Putrajaya	-	-
W.P Labuan	2	1: 44,500
Negeri Sembilan	27	1: 37,552
Melaka	17	1: 45,253
Johor	52	1: 65,100
Pahang	27	1: 57,159
Terengganu	30	1: 37,370
Kelantan	38	1: 43,005
Sabah	95	1: 33,695
Sarawak	81	1: 30,909
<b>Malaysia</b>	<b>664</b>	<b>1: 42,631</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 4.25. : BILANGAN JURUPULIH CARAKERJA (KKM) MENGIKUT NEGERI DAN NISBAH JURUPULIH CARAKERJA KEPADA PENDUDUK, MALAYSIA, 2009**

Table 4.25. : Number of Occupational Therapists (MoH) by State and Ratio of Occupational Therapist to Population, Malaysia, 2009

NEGERI State	KEMENTERIAN KESIHATAN MALAYSIA* Ministry of Health*	NISBAH JURUPULIH CARAKERJA : PENDUDUK Occupational Therapist : Population Ratio
Perlis	5	1: 48,140
Kedah	31	1: 64,516
Pulau Pinang	38	1: 41,508
Perak	58	1: 41,264
Selangor	44	1: 116,168
W.P Kuala Lumpur <sup>1</sup>	45	1: 38,296
W.P Putrajaya	-	-
W.P Labuan	1	1: 89,000
Negeri Sembilan	26	1: 38,996
Melaka	12	1: 64,108
Johor	48	1: 70,525
Pahang	23	1: 67,100
Terengganu	21	1: 53,386
Kelantan	23	1: 71,052
Sabah	63	1: 50,810
Sarawak	51	1: 49,090
<b>Malaysia</b>	<b>489</b>	<b>1: 57,887</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 4.26 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN BASIK MENGIKUT DISIPLIN DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA PADA TAHUN 2009**

Table 4.26. : Total Intake of Trainees for Basic Training Program by Diciplines in the Training Colleges of Ministry of Health Malaysia for the Year 2009

JENIS Type	BILANGAN KOLEJ LATIHAN No. of Training Colleges	PENGAMBILAN PELATIH Intake of Trainees
JURUPULIH CARA KERJA <i>Occupational Therapist</i>	1	105
JURUPULIH ANGGOTA <i>Physiotherapist</i>	1	104
JURU X-RAY <i>Radiographer</i>	2	151
JURUTEKNOLOGI MAKMAL PERUBATAN <i>Medical Laboratory Technologist</i>	2	380
PEMBANTU PERUBATAN <i>Medical Assistant</i>	4	958
JURURAWAT <i>Nurse</i>	17	3,095
JURURAWAT MASYARAKAT <i>Community Nurse</i>	12	2,009
PEMBANTU FARMASI <i>Pharmacist Assistant</i>	1	161
PEN. PEG. KESIHATAN PERSEKITARAN <i>Assistant Environmental Health Officer</i>	2	470
PEMBANTU KESIHATAN AWAM <i>Public Health Assistant</i>	3	423

**JADUAL 4.26 : JUMLAH PENGAMBILAN PELATIH BAGI PROGRAM LATIHAN BASIK MENGIKUT DISIPLIN DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA PADA TAHUN 2009 (SAMBUNGAN)**

Table 4.26. : Total Intake of Trainees for Basic Training Program by Dicipines in the Training Colleges of Ministry of Health Malaysia for the Year 2009 (Cont'd)

JENIS <i>Type</i>	BILANGAN KOLEJ LATIHAN <i>No. of Training Colleges</i>	PENGAMBILAN PELATIH <i>Intake of Trainees</i>
JURURAWAT PERGIGIAN <i>Dental Nurse</i>	1	69
JURUTEKNIK PERGIGIAN <i>Dental Technician</i>	1	47
PEMBANTU PEMBEDAHAN PERGIGIAN <i>Dental Surgery Assistant</i>	1	254

PUNCA : KEMENTERIAN KESIHATAN  
*Ministry of Health*

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

**JADUAL 4.27. : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2009**

Table 4.27. : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2009

JENIS KURSUS <i>Type of Course</i>	PENGAMBILAN PELATIH MAKSIMA <i>Training Capacity</i>	JAWATAN PENGAJAR YANG ADA <i>Teaching Post Available</i>	NISBAH TENAGA PENGAJAR KEPADA PELATIH* <i>Ratio of Teaching Staff to Students*</i>
JURUPULIH CARA KERJA <i>Occupational Therapist</i>	264	12	1: 23
JURUPULIH ANGGOTA <i>Physiotherapist</i>	271	6	1: 48
JURU X-RAY <i>Radiographer</i>	367	27	1: 14
JURUTEKNOLOGI MAKMAL PERUBATAN <i>Medical Laboratory Technologist</i>	1,001	65	1: 14
PEMBANTU PERUBATAN <i>Medical Assistant</i>	2,381	92	1: 24
JURURAWAT <i>Nurse</i>	8236	342	1: 24
JURURAWAT MASYARAKAT <i>Community Nurse</i>	4,828	136	1: 26
PEMBANTU FARMASI <i>Pharmacist Assistant</i>	418	15	1: 26

**JADUAL 4.27. : NISBAH TENAGA PENGAJAR KEPADA PELATIH MENGIKUT KATEGORI DI KOLEJ LATIHAN KEMENTERIAN KESIHATAN MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.27. : Ratio of Teaching Staff to Students by Category in the Training Colleges of Ministry of Health Malaysia, 2009 (Cont'd)

JENIS KURSUS <i>Type of Course</i>	PENGAMBILAN PELATIH MAKSIMA <i>Training Capacity</i>	JAWATAN PENGAJAR YANG ADA <i>Teaching Post Available</i>	NISBAH TENAGA PENGAJAR KEPADA PELATIH* <i>Ratio of Teaching Staff to Students*</i>
PEN. PEG. KESIHATAN PERSEKITARAN <i>Assistant Environmental Health Officer</i>	1,471	30	1: 31
PEMBANTU KESIHATAN AWAM <i>Public Health Assistant</i>	369	22	1: 31
JURURAWAT PERGIGIAN <i>Dental Nurse</i>	289	} 13	1: 22
JURUTEKNIK PERGIGIAN <i>Dental Technician</i>	551		1: 42
PEMBANTU PEMBEDAHAN PERGIGIAN <i>Dental Surgery Assistant</i>	141	7	1: 20

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

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

**JADUAL 4.28. : PERUNTUKAN BELANJA MENGRUS DAN PERBELANJAAN SEBENAR MENGIKUT PROGRAM, MALAYSIA, 2009**

Table 4.28. : Actual Operating Budget Allocation and Expenditure by Programmes, Malaysia, 2009

KOD PROGRAM Program Code	TAJUK Title	PERUNTUKAN Allocation (RM)	PERBELANJAAN Expenditure (RM)	PERATUSAN PERBELANJAAN Expenditure Percentage
0010000	Pengurusan / Management	1,046,196,605	1,045,514,308.36	99.93
0020000	Kesihatan Awam / Public Health	2,292,571,433	2,369,037,540.05	103.34
0030000	Rawatan Perubatan / Medical Care	7,615,685,906	7,854,700,338.96	103.14
0040000	Penyelidikan Dan Sokongan Teknikal / Research And Technical Support	147,218,867	146,567,326.24	99.56
0050000	Kesihatan Pergigian / Oral Health	445,091,189	443,978,629.03	99.75
0060000	Perkhidmatan Farmasi / Pharmacy Services	101,906,067	101,626,502.75	99.73
0070000	Lembaga Promosi Kesihatan Malaysia / Malaysia Health Promotion Board	10,610,000	10,610,000.00	100.00
0080000	Dasar Baru / New Policies	47,852,455	46,723,857.29	97.64
0090000	One-Off	156,037,388	154,329,884.81	98.91
	<b>JUMLAH / Total</b>	<b>11,863,169,910</b>	<b>12,173,088,387.49</b>	<b>102.61</b>

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



**JADUAL 4.29. : PERUNTUKAN BELANJA PEMBANGUNAN DAN PERBELANJAAN SEBENAR MENGIKUT BUTIRAN PROJEK, MALAYSIA, 2009**

Table 4.29. : Actual Development Allocation and Expenditure by Project Details, Malaysia, 2009

<b>BUTIRAN (PROJEK)</b> <i>Detail (Project)</i>	<b>TAJUK</b> <i>Title</i>	<b>PERUNTUKAN</b> <i>Allocation (RM)</i>	<b>PERBELANJAAN</b> <i>Expenditure (RM)</i>	<b>PERATUSAN PERBELANJAAN</b> <i>Expenditure Percentage</i>
00100	Latihan / <i>Training</i>	289,531,701	281,894,932.43	97.36
00200	Kesihatan Awam / <i>Public Health</i>	609,772,124	605,517,441.77	99.30
00300	Kemudahan Hospital / <i>Hospital Facilities</i>	743,456,380	740,549,429.10	99.61
00400	Hospital Baru / <i>New Hospitals</i>	344,808,043	343,819,638.02	99.71
00500	Penyelidikan dan Pembangunan / <i>Research and Development</i>	33,415,110	32,836,546.24	98.27
00600	Ubahsuai, Naiktaraf Dan Pembaikan / <i>Renovation, Upgrading and Repairs</i>	50,660,826	50,500,273.14	99.68
00700	Perolehan Dan Penyelenggaraan Tanah / <i>Procurement and Land Maintenances</i>	5,732,950	5,723,717.40	99.84
00800	Kemudahan Teknologi Maklumat dan Komunikasi / <i>Information Technology and Communication Facilities</i>	87,103,877	84,484,283.62	96.99
00900	Kemudahan Anggota / <i>Staff Facilities</i>	118,018,932	117,062,879.03	99.19
01000	Promosi Kesihatan / <i>Health Promotion</i>	6,600,000	5,518,465.75	83.61
01100	Peralatan dan Kenderaan / <i>Equipments and Transport</i>	277,496,187	271,838,933.55	97.96
	<b>JUMLAH / Total</b>	<b>2,566,596,130</b>	<b>2,539,746,540.05</b>	<b>98.95</b>

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

**JADUAL 4.30. : PERATUS PERUNTUKAN BELANJAWAN KESIHATAN BERBANDING DENGAN BELANJAWAN NEGARA,  
MALAYSIA, 2009**

Table 4.30. : *Percentage of Health Budget Allocation to Total National Budget, Malaysia, 2009*

PERATUS PERUNTUKAN BELANJAWAN KESIHATAN : BELANJAWAN NEGARA <i>Percentage of Health Budget Allocation to National Budget</i>	6.94
BELANJAWAN NEGARA (MENGURUS DAN PEMBANGUNAN) <i>National Budget (Operating and Development)</i>	RM 207,898,948,000
BELANJAWAN KESIHATAN (MENGURUS DAN PEMBANGUNAN) <i>Health Budget (Operating and Development)</i>	RM 14,429,766,040

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

**JADUAL 4.31. : NISBAH KELUARAN NEGARA KASAR (KNK) BAGI KESIHATAN, MALAYSIA, 2009**

Table 4.31. : *Proportion of Gross National Product (GNP) for Health, Malaysia, 2009*

Keluaran Negara Kasar (KNK) Pada Harga Semasa (Juta) <i>Gross National Product (GNP) at Current Prices (Million)</i>	RM 681,001
Belanjawan Kesihatan (Mengurus dan Pembangunan) (Juta) <i>Health Budget (Operating and Development) (Million)</i>	RM 14,430
Peratus KNK bagi Kesihatan <i>Percentage of GNP for Health</i>	2.11

PUNCA : LAPORAN EKONOMI 2009/2010 - KEMENTERIAN KEWANGAN MALAYSIA  
Source : *Economic Report 2009/2010 - Ministry of Finance Malaysia*

**JADUAL 4.32. : LIPUTAN PELALIAN BCG BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.32. : BCG Coverage for Infants by State, Malaysia, 2009

NEGERI State	KELAHIRAN HIDUP Live births	BILANGAN BAYI YANG DISUNTIK No. of Infants Vaccinated	PERATUS BAYI YANG DISUNTIK % of Infants Vaccinated
Perlis	4,543	4,437	97.7
Kedah	35,528	34,599	97.4
Pulau Pinang	23,785	23,530	98.9
Perak	37,721	37,313	98.9
Selangor & W.P. Putrajaya	77,208	75,766	98.1
W.P. Kuala Lumpur	29,251	27,602	94.4
Negeri Sembilan	16,906	16,483	97.5
Melaka	14,391	14,089	97.9
Johor	58,704	58,347	99.4
Pahang	27,313	27,194	99.6
Terengganu	18,530	18,361	99.1
Kelantan	35,667	35,367	99.2
Sabah	59,227	58,469	98.7
W.P. Labuan	1,662	1,613	97.1
Sarawak	43,615	42,566	97.6
<b>MALAYSIA</b>	<b>484,051</b>	<b>475,736</b>	<b>98.3</b>

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

**JADUAL 4.33 : LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA, DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2009**  
Table 4.33. : Polio Immunisation Coverage of Infants (1st Dose, 3rd Dose) by State, Malaysia, 2009

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	3,939	3,594	91.24	3,552	90.18
Kedah	34,462	31,584	91.65	31,321	90.89
Pulau Pinang	22,415	22,195	99.02	23,033	102.76
Perak	35,681	34,034	95.38	35,823	100.40
Selangor	90,321	94,314	104.42	99,419	110.07
W.P. Kuala Lumpur	25,153	23,057	91.67	22,638	90.00
W.P. Putrajaya	1,246	1,969	158.03	2,072	166.29
Negeri Sembilan	17,048	16,225	95.17	16,617	97.47
Melaka	13,357	12,120	90.74	12,217	91.47
Johor	56,914	53,338	93.72	55,410	97.36
Pahang	25,199	23,973	95.13	25,199	100.00
Terengganu	22,394	21,040	93.95	22,031	98.38
Kelantan	33,571	27,049	80.57	27,696	82.50
Sabah	46,121	56,443	122.38	56,886	123.34
W.P. Labuan	1,525	1,799	117.97	1,930	126.56
Sarawak	42,288	40,536	95.86	40,396	95.53
<b>MALAYSIA</b>	<b>471,634</b>	<b>463,270</b>	<b>98.23</b>	<b>476,240</b>	<b>100.98</b>

Nota : \*Jabatan Perangkaan Malaysia  
Note : \*Department of Statistics, Malaysia

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

**JADUAL 4.33A: LIPUTAN PELALIAN POLIO BAGI BAYI (DOS PERTAMA, DOS KETIGA) MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.33A : Polio Immunisation Coverage of Infants (1st Dose, 3rd Dose) by State, Malaysia, 2009

NEGERI State	KELAHIRAN HIDUP* 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	4,543	3,594	79.11	3,552	78.19
Kedah	35,528	31,584	88.90	31,321	88.16
Pulau Pinang	23,785	22,195	93.32	23,033	96.84
Perak	37,721	34,034	90.23	35,823	94.97
Selangor & W.P. Putrajaya	77,208	96,283	124.71	101,491	131.45
W.P. Kuala Lumpur	29,251	23,057	78.82	22,638	77.39
Negeri Sembilan	16,906	16,225	95.97	16,617	98.29
Melaka	14,391	12,120	84.22	12,217	84.89
Johor	58,704	53,338	90.86	55,410	94.39
Pahang	27,313	23,973	87.77	25,199	92.26
Terengganu	18,530	21,040	113.55	22,031	118.89
Kelantan	35,667	27,049	75.84	27,696	77.65
Sabah	59,227	56,443	95.30	56,886	96.05
W.P. Labuan	1,662	1,799	108.24	1,930	116.13
Sarawak	43,615	40,536	92.94	40,396	92.62
<b>MALAYSIA</b>	<b>484,051</b>	<b>463,270</b>	<b>95.71</b>	<b>476,240</b>	<b>98.39</b>

Nota : \*TBIS (Sistem Maklumat Tibi)

Note : \*TBIS (Tuberculosos Information System)

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.34. : LIPUTAN DOS SEMULA PERTAMA POLIO BAGI KANAK-KANAK BERUMUR 1 – 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.34. : Coverage of Children of Age 1 – 2 Years for 1st Booster Dose Polio by State, Malaysia, 2009

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	3,981	3,201	80.41
Kedah	33,567	26,525	79.02
Pulau Pinang	22,224	20,671	93.01
Perak	35,399	32,033	90.49
Selangor	93,887	84,606	90.11
W.P. Kuala Lumpur	24,785	18,501	74.65
W.P. Putrajaya	1,118	1,485	132.83
Negeri Sembilan	16,756	14,617	87.23
Melaka	13,118	10,916	83.21
Johor	56,662	48,138	84.96
Pahang	24,664	21,799	88.38
Terengganu	22,395	19,376	86.52
Kelantan	33,382	24,240	72.61
Sabah	46,659	47,367	101.52
W.P. Labuan	1,598	1,592	99.62
Sarawak	41,906	38,079	90.87
<b>MALAYSIA</b>	<b>472,101</b>	<b>413,146</b>	<b>87.51</b>

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

**JADUAL 4.35. : LIPUTAN PELALIAN DOS SEMULA POLIO BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.35. : Polio Immunisation Coverage of Booster Dose for Standard 1 Pupils by State, Malaysia, 2009

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	1,168	1,168	100.00
Kedah	35,041	34,547	98.59
Pulau Pinang	22,532	24,092	106.92
Perak	37,590	37,352	99.37
Selangor	80,556	78,281	97.18
W.P. Kuala Lumpur	23,035	20,117	87.33
W.P. Putrajaya	1,276	1,276	100.00
Negeri Sembilan	14,823	14,753	99.53
Melaka	13,720	13,654	99.52
Johor	46,838	46,783	99.88
Pahang	25,039	23,506	93.88
Terengganu	19,880	19,852	99.86
Kelantan	33,198	33,006	99.42
Sabah	45,288	44,434	98.11
W.P. Labuan	1,369	1,337	97.66
Sarawak	38,700	37,039	95.71
<b>MALAYSIA</b>	<b>440,053</b>	<b>431,197</b>	<b>97.99</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia



**JADUAL 4.36 : LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.36 : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2009

NEGERI State	ANGGARAN KELAHIRAN HIDUP* Estimated Number 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	3,939	3,594	91.24	3,549	90.10
Kedah	34,462	31,575	91.62	31,301	90.83
Pulau Pinang	22,415	22,191	99.00	23,034	102.76
Perak	35,681	34,118	95.62	35,906	100.63
Selangor	90,321	94,594	104.73	99,335	109.98
W.P. Kuala Lumpur	25,153	23,059	91.67	22,636	89.99
W.P. Putrajaya	1,246	1,969	158.03	2,072	166.29
Negeri Sembilan	17,048	16,249	95.31	16,580	97.25
Melaka	13,357	12,113	90.69	12,214	91.44
Johor	56,914	53,339	93.72	55,409	97.36
Pahang	25,199	22,733	90.21	23,108	91.70
Terengganu	22,394	21,058	94.03	22,052	98.47
Kelantan	33,571	27,067	80.63	27,630	82.30
Sabah	46,121	55,421	120.16	55,869	121.14
W.P. Labuan	1,525	1,799	117.97	1,930	126.56
Sarawak	42,288	38,985	92.19	39,024	92.28
<b>MALAYSIA</b>	<b>471,634</b>	<b>459,864</b>	<b>97.50</b>	<b>471,649</b>	<b>100.00</b>

Nota : \*Jabatan Perangkaan Malaysia

Note : \*Department of Statistics, Malaysia

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.36A: LIPUTAN PELALIAN DIFTERIA, TETANUS DAN PERTUSIS BAGI BAYI (DOS PERTAMA DAN DOS PENAMAT) MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.36A : Immunisation Coverage of Infants for Diphtheria, Tetanus and Pertussis (1st and Completion Dose) by State, Malaysia, 2009

NEGERI State	KELAHIRAN HIDUP* 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	4,543	3,594	79.11	3,549	78.12
Kedah	35,528	31,575	88.87	31,301	88.10
Pulau Pinang	23,785	22,191	93.30	23,034	96.84
Perak	37,721	34,118	90.45	35,906	95.19
Selangor & W.P. Putrajaya	77,208	96,563	125.07	101,407	131.34
W.P. Kuala Lumpur	29,251	23,059	78.83	22,636	77.39
Negeri Sembilan	16,906	16,249	96.11	16,580	98.07
Melaka	14,391	12,113	84.17	12,214	84.87
Johor	58,704	53,339	90.86	55,409	94.39
Pahang	27,313	22,733	83.23	23,108	84.60
Terengganu	18,530	21,058	113.64	22,052	119.01
Kelantan	35,667	27,067	75.89	27,630	77.47
Sabah	59,227	55,421	93.57	55,869	94.33
W.P. Labuan	1,662	1,799	108.24	1,930	116.13
Sarawak	43,615	38,985	89.38	39,024	89.47
<b>MALAYSIA</b>	<b>484,051</b>	<b>459,864</b>	<b>95.00</b>	<b>471,649</b>	<b>97.44</b>

Nota : \*TBIS (Sistem Maklumat Tibi)

Note : \*TBIS (Tuberculosos Information System)

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.37 : LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA), BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2009**  
Table 4.37 : Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2009

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	3,939	3,594	91.24	3,548	90.07
Kedah	34,462	31,574	91.62	31,301	90.83
Pulau Pinang	22,415	21,950	97.93	22,935	102.32
Perak	35,681	34,089	95.54	35,881	100.56
Selangor	90,321	94,609	104.75	99,745	110.43
W.P. Kuala Lumpur	25,153	23,059	91.67	22,636	89.99
W.P. Putrajaya	1,246	1,969	158.03	2,072	166.29
Negeri Sembilan	17,048	16,241	95.27	16,574	97.22
Melaka	13,357	12,113	90.69	12,214	91.44
Johor	56,914	53,293	93.64	55,364	97.28
Pahang	25,199	22,657	89.91	23,033	91.40
Terengganu	22,394	21,056	94.03	22,030	98.37
Kelantan	33,571	26,869	80.04	27,407	81.64
Sabah	46,121	54,963	119.17	55,472	120.27
W.P. Labuan	1,525	1,799	117.97	1,930	126.56
Sarawak	42,288	38,943	92.09	38,776	91.70
<b>MALAYSIA</b>	<b>471,634</b>	<b>458,778</b>	<b>97.27</b>	<b>470,918</b>	<b>99.85</b>

Nota : \*Jabatan Perangkaan Malaysia  
Note : \*Department of Statistics, Malaysia

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

**JADUAL 4.37A: LIPUTAN PELALIAN HIB (DOS PERTAMA DAN DOS KETIGA), BAGI BAYI MENGIKUT NEGERI, MALAYSIA, 2009**  
Table 4.37A : Immunisation Coverage of Infants for HIB (1st and 3rd Dose) by State, Malaysia, 2009

NEGERI State	KELAHIRAN HIDUP* Live Births*	DOS PERTAMA 1st Dose		DOS KETIGA 3rd Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	4,543	3,594	79.11	3,548	78.10
Kedah	35,528	31,574	88.87	31,301	88.10
Pulau Pinang	23,785	21,950	92.29	22,935	96.43
Perak	37,721	34,089	90.37	35,881	95.12
Selangor & W.P. Putrajaya	77,208	96,578	125.09	101,817	131.87
W.P. Kuala Lumpur	29,251	23,059	78.83	22,636	77.39
Negeri Sembilan	16,906	16,241	96.07	16,574	98.04
Melaka	14,391	12,113	84.17	12,214	84.87
Johor	58,704	53,293	90.78	55,364	94.31
Pahang	27,313	22,657	82.95	23,033	84.33
Terengganu	18,530	21,056	113.63	22,030	118.89
Kelantan	35,667	26,869	75.33	27,407	76.84
Sabah	59,227	54,963	92.80	55,472	93.66
W.P. Labuan	1,662	1,799	108.24	1,930	116.13
Sarawak	43,615	38,943	89.29	38,776	88.91
<b>MALAYSIA</b>	<b>484,051</b>	<b>458,778</b>	<b>94.78</b>	<b>470,918</b>	<b>97.29</b>

Nota : \*TBIS (Sistem Maklumat Tibi)

Note : \*TBIS (Tuberculosos Information System)

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.38 : LIPUTAN PELALIAN DOS SEMULA "DOUBLE ANTIGEN" BAGI MURID-MURID DARJAH 1 MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.38 : Coverage of Standard 1 Pupils For Booster Dose Double Antigen by State, Malaysia, 2009

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	1,168	1,168	100.00
Kedah	35,041	34,501	98.46
Pulau Pinang	22,532	24,092	106.92
Perak	37,590	37,352	99.37
Selangor	80,556	78,281	97.18
W.P. Kuala Lumpur	23,035	20,120	87.35
W.P. Putrajaya	1,276	1,276	100.00
Negeri Sembilan	14,823	14,754	99.53
Melaka	13,720	13,654	99.52
Johor	46,838	46,783	99.88
Pahang	25,039	23,506	93.88
Terengganu	19,880	19,852	99.86
Kelantan	33,198	32,817	98.85
Sabah	45,288	44,434	98.11
W.P. Labuan	1,369	1,337	97.66
Sarawak	38,700	37,032	95.69
<b>MALAYSIA</b>	<b>440,053</b>	<b>430,959</b>	<b>97.93</b>

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

**JADUAL 4.39 : LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA, DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.39 : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose, 4th Dose) by State, Malaysia, 2009

NEGERI State	ANGGARAN KELAHIRAN HIDUP* Estimated Number of Live Births*	DOS PERTAMA 1st Dose		DOS KEDUA 2nd Dose		DOS KETIGA 3rd Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	3,939	3,331	84.56	3,772	95.76	3,551	90.15
Kedah	34,462	31,106	90.26	32,023	92.92	31,299	90.82
Pulau Pinang	22,415	15,997	71.37	22,049	98.37	22,676	101.16
Perak	35,681	34,810	97.56	35,428	99.29	35,817	100.38
Selangor	90,321	85,488	94.65	89,663	99.27	81,410	90.13
W.P. Kuala Lumpur <sup>1</sup>	25,153	21,719	86.35	20,833	82.83	21,378	84.99
W.P. Putrajaya <sup>1</sup>	1,246	1,888	151.52	1,446	116.05	1,763	141.49
Negeri Sembilan	17,048	17,881	104.89	16,393	96.16	15,938	93.49
Melaka	13,357	10,241	76.67	12,308	92.15	12,071	90.37
Johor	56,914	59,753	104.99	53,855	94.63	55,182	96.96
Pahang <sup>1</sup>	25,199	22,983	91.21	27,238	108.09	19,992	79.34
Terengganu <sup>1</sup>	22,394	19,590	87.48	22,784	101.74	15,965	71.29
Kelantan <sup>1</sup>	33,571	24,719	73.63	31,790	94.69	20,238	60.28
Sabah <sup>1</sup>	46,121	58,826	127.55	58,241	126.28	43,235	93.74
W.P. Labuan <sup>1</sup>	1,525	1,740	114.10	1,689	110.75	1,443	94.62
Sarawak <sup>1</sup>	42,288	43,820	103.62	41,760	98.75	31,209	73.80
<b>MALAYSIA</b>	<b>471,634</b>	<b>453,892</b>	<b>96.24</b>	<b>471,272</b>	<b>99.92</b>	<b>413,167</b>	<b>87.60</b>

Nota : \*Jabatan Perangkaan Malaysia

Note : \*Department of Statistics, Malaysia

<sup>1</sup>The immunisation schedule was change since October 2008 involving selective states - 3rd Dose as Completion Dose

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

**JADUAL 4.39A: LIPUTAN PELALIAN HEPATITIS B (DOS PERTAMA, DOS KEDUA, DOS KETIGA, DOS KEEMPAT) UNTUK BAYI MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.39A : Hepatitis B Immunisation Coverage of Infants (1st Dose, 2nd Dose, 3rd Dose, 4th Dose) by State, Malaysia, 2009

NEGERI State	KELAHIRAN HIDUP* Live Births*	DOS PERTAMA 1st Dose		DOS KEDUA 2nd Dose		DOS KETIGA 3rd Dose	
		BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)	BILANGAN Number	LIPUTAN Coverage (%)
Perlis	4,543	3,331	73.32	3,772	83.03	3,551	78.16
Kedah	35,528	31,106	87.55	32,023	90.13	31,299	88.10
Pulau Pinang	23,785	15,997	67.26	22,049	92.70	22,676	95.34
Perak	37,721	34,810	92.28	35,428	93.92	35,817	94.95
Selangor & W.P. Putrajaya <sup>1</sup>	77,208	87,376	113.17	91,109	118.00	83,173	107.73
W.P. Kuala Lumpur <sup>1</sup>	29,251	21,719	74.25	20,833	71.22	21,378	73.08
Negeri Sembilan	16,906	17,881	105.77	16,393	96.97	15,938	94.27
Melaka	14,391	10,241	71.16	12,308	85.53	12,071	83.88
Johor	58,704	59,753	101.79	53,855	91.74	55,182	94.00
Pahang <sup>1</sup>	27,313	22,983	84.15	27,238	99.73	19,992	73.20
Terengganu <sup>1</sup>	18,530	19,590	105.72	22,784	122.96	15,965	86.16
Kelantan <sup>1</sup>	35,667	24,719	69.30	31,790	89.13	20,238	56.74
Sabah <sup>1</sup>	59,227	58,826	99.32	58,241	98.34	43,235	73.00
W.P. Labuan <sup>1</sup>	1,662	1,740	104.69	1,689	101.62	1,443	86.82
Sarawak <sup>1</sup>	43,615	43,820	100.47	41,760	95.75	31,209	71.56
<b>MALAYSIA</b>	<b>484,051</b>	<b>453,892</b>	<b>93.77</b>	<b>471,272</b>	<b>97.36</b>	<b>413,167</b>	<b>85.37</b>

Nota : \*TBIS (Sistem Maklumat Tibi)  
Note : \*TBIS (Tuberculosis Information System)

<sup>1</sup>The immunisation schedule was change since October 2008 involving selective states -  
3rd Dose as Completion Dose

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

**JADUAL 4.40 : LIPUTAN PELALIAN MEASLES UNTUK BAYI DAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 - < 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.40 : Immunisation Coverage of Measles for Infant and MMR (Mump, Measles And Rubella) for Children Aged 1 - < 2 Year by State, Malaysia, 2009

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	3,939	3,981	-	-	3,690	92.69
Kedah	34,462	33,567	43	0.12	30,600	91.16
Pulau Pinang	22,415	22,224	190	0.85	22,899	103.04
Perak	35,681	35,399	1,218	3.41	34,773	98.23
Selangor	90,321	93,887	-	-	94,151	100.28
W.P. Kuala Lumpur	25,153	24,785	-	-	20,790	83.88
W.P. Putrajaya	1,246	1,118	-	-	1,766	157.96
Negeri Sembilan	17,048	16,756	1	0.01	16,137	96.31
Melaka	13,357	13,118	-	-	11,707	89.24
Johor	56,914	56,662	3	0.01	53,196	93.88
Pahang	25,199	24,664	-	-	23,876	96.81
Terengganu	22,394	22,395	-	-	20,632	92.13
Kelantan	33,571	33,382	-	-	27,218	81.53
Sabah	46,121	46,659	54,334	117.81	53,539	114.75
W.P. Labuan	1,525	1,598	-	-	1,741	108.95
Sarawak	42,288	41,906	293	0.69	40,656	97.02
<b>MALAYSIA</b>	<b>471,634</b>	<b>472,101</b>	<b>56,082</b>	<b>11.89</b>	<b>457,371</b>	<b>96.88</b>

Nota : \*Jabatan Perangkaan Malaysia

Note : \*Department of Statistics, Malaysia

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia



**JADUAL 4.40A: LIPUTAN PELALIAN MEASLES UNTUK BAYI DAN MMR (MUMP, MEASLES DAN RUBELLA) UNTUK KANAK-KANAK BERUMUR 1 - < 2 TAHUN MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.40A : Immunisation Coverage of Measles for Infant and MMR (Mump, Measles And Rubella) for Children Aged 1 - < 2 Year by State, Malaysia, 2009

NEGERI State	KELAHIRAN HIDUP* Live Births*	BAYI YANG TELAH DIBERI PELALIAN MEASLES Measles Immunisation Given to Infants	
		BILANGAN Number	LIPUTAN Coverage %
Perlis	4,543	-	-
Kedah	35,528	43	0.12
Pulau Pinang	23,785	190	0.80
Perak	37,721	1,218	3.23
Selangor & W.P. Putrajaya	77,208	-	-
W.P. Kuala Lumpur	29,251	-	-
Negeri Sembilan	16,906	1	0.01
Melaka	14,391	-	-
Johor	58,704	3	0.01
Pahang	27,313	-	-
Terengganu	18,530	-	-
Kelantan	35,667	-	-
Sabah	59,227	54,334	91.74
W.P. Labuan	1,662	-	-
Sarawak	43,615	293	0.67
<b>MALAYSIA</b>	<b>484,051</b>	<b>56,082</b>	<b>11.59</b>

Nota : \*TBIS (Sistem Maklumat Tibi)

Note : \*TBIS (Tuberculosis Information System)

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.41 : LIPUTAN IBU-IBU MENDUNG (LAWATAN PERTAMA) MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.41 : Coverage of Ante-Natal Mothers (1st Visit) by State, Malaysia 2009

<b>NEGERI</b> State	<b>ANGGARAN IBU MENDUNG</b> Estimated Number of Pregnant Mothers	<b>BILANGAN KEDATANGAN IBU MENDUNG (LAWATAN PERTAMA)</b> Number of Ante-Natal Attendances (1st Visit)	<b>LIPUTAN IBU MENDUNG (LAWATAN PERTAMA)</b> Coverage of Ante-Natal (1st Visit) %
Perlis	4,530	3,625	80.02
Kedah	39,632	31,807	80.26
Pulau Pinang	25,776	25,147	97.56
Perak	41,032	33,455	81.53
Selangor	103,870	84,891	81.73
W.P. Kuala Lumpur	28,926	33,376	115.38
W.P. Putrajaya	1,433	2,604	181.72
Negeri Sembilan	19,605	19,327	98.58
Melaka	15,361	13,576	88.38
Johor	65,452	63,297	96.71
Pahang	28,978	27,072	93.42
Terengganu	25,753	22,343	86.76
Kelantan	38,607	26,746	69.28
Sabah	53,039	60,049	113.22
W.P. Labuan	1,754	2,072	118.13
Sarawak	48,634	42,593	87.58
<b>MALAYSIA</b>	<b>542,382</b>	<b>491,980</b>	<b>90.71</b>

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

**JADUAL 4.42. : LIPUTAN IBU-IBU MENDUNG YANG DIBERI TETANUS TOXOID MENGIKUT NEGERI, MALAYSIA, 2009**

Table 4.42. : Coverage of Ante-Natal Mothers for Tetanus Toxoid and by State, Malaysia, 2009

NEGERI State	ANGGARAN IBU MENDUNG Estimated Number of Pregnant Mothers	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	4,530	3,435	75.83	3,354	74.04
Kedah	39,632	29,383	74.14	29,723	75.00
Pulau Pinang	25,776	17,755	68.88	17,743	68.84
Perak	41,032	30,281	73.80	30,354	73.98
Selangor	103,870	78,949	76.01	81,249	78.22
W.P. Kuala Lumpur	28,926	18,244	63.07	17,088	59.07
W.P. Putrajaya	1,433	2,339	163.22	2,310	161.20
Negeri Sembilan	19,605	14,260	72.74	13,960	71.21
Melaka	15,361	11,180	72.78	10,908	71.01
Johor	65,452	48,594	74.24	47,552	72.65
Pahang	28,978	22,888	78.98	22,980	79.30
Terengganu	25,753	20,032	77.79	20,244	78.61
Kelantan	38,607	24,021	62.22	24,364	63.11
Sabah	53,039	56,527	106.58	56,336	106.22
W.P. Labuan	1,754	1,640	93.50	1,731	98.69
Sarawak	48,634	35,853	73.72	37,640	77.39
<b>MALAYSIA</b>	<b>542,382</b>	<b>415,381</b>	<b>76.58</b>	<b>417,536</b>	<b>76.98</b>

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

**JADUAL 4.43. : KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH, MALAYSIA, 2009**  
Table 4.43. : *Deliveries Attended by Trained Personnel, Malaysia, 2009*

<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH</b> <i>Deliveries Attended by Trained Personnel</i>	<b>BILANGAN</b> <i>Number</i>	<b>PERATUS</b> <i>Percentage</i>
<b>JUMLAH KELAHIRAN</b> <i>Total Deliveries</i>	<b>445,051</b>	
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (KERAJAAN)</b> <i>Deliveries by Trained Personnel (Government)</i>	<b>372,086</b>	<b>83.61</b>
- HOSPITAL KERAJAAN <i>- Government Hospitals</i>	364,284	81.85
- KEMUDAHAN KESIHATAN AWAM <i>- Public Health Facilities</i>	7,802	1.75
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (SWASTA)</b> <i>Deliveries by Trained Personnel (Private)</i>	<b>66,781</b>	<b>15.01</b>
- HOSPITAL SWASTA / <i>Private Hospitals</i>	63,155	14.19
- RUMAH BERSALIN SWASTA / <i>Private Maternity Homes</i>	3,626	<b>0.81</b>
<b>KELAHIRAN YANG DISAMBUT OLEH KAKITANGAN TERLATIH (KERAJAAN DAN SWASTA)</b> <i>Deliveries by Trained Personnel (Government and Private)</i>	<b>438,867</b>	<b>98.61</b>

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

**JADUAL 4.44. : BILANGAN PENERIMA BARU PERANCANG KELUARGA MENGIKUT KAEDAH, MALAYSIA, 2005-2009**

Table 4.44. : Number of New Family Planning Acceptors by Type of Methods, Malaysia 2005-2009

KAEDAH Methods	2005		2006		2007		2008		2009	
	BIL Number	%	BIL Number	%	BIL Number	%	BIL Number	%	BIL Number	%
Pil/Pill	63,488	71.1	64,728	61.7	64,500	67.2	63,253	68.1	64,475	67.9
Alat Dalam Rahim (ADR) Ultra Uterine Device (IUD)	3,595	4.0	3,457	3.6	3,392	3.5	3,064	3.3	2,651	2.8
Kondom/Condom	10,060	11.3	11, 812	12.4	12,147	12.7	10,297	11.1	10,792	11.3
Suntikan/Injection	7,194	8.1	9,150	9.6	10,443	10.9	10,834	11.7	12,104	12.7
Sterilisasi/Sterilization										
- Perempuan/Female	3,581	4.0	4,234	4.4	3,841	4.0	3,658	3.9	3,499	3.7
- Lelaki/Male	5	0.0	5	0.0	1	0.0	1	0.0	5	0
Cara Waktu Selamat / Rhythm	-	-	-	-	958	1.0	879	0.9	620	0.7
Lain-Lain/Others	1,409	1.6	2,011	2.1	649	0.7	887	1.0	879	0.9
<b>Jumlah/Total</b>	<b>89,332</b>	<b>100.00</b>	<b>95,397</b>	<b>100.0</b>	<b>95,931</b>	<b>100.0</b>	<b>92,873</b>	<b>100.0</b>	<b>95,025</b>	<b>100.0</b>

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

**JADUAL 4.45. : LIPUTAN RUMAH YANG MENGGUNAKAN BEKALAN AIR SEMPURNA DI KAWASAN LUAR BANDAR  
MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2009**

Table 4.45. : Houses Covered with Safe Water Supply in Rural Area by State, Malaysia as on 31st December, 2009

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	39,236	38,982	99.35
Kedah	185,675	180,189	97.05
Pulau Pinang	72,445	72,174	99.63
Perak	152,256	149,126	97.94
Selangor	109,358	109,306	99.95
N.Sembilan	66,993	66,734	99.61
Melaka	72,106	72,051	99.92
Johor	145,559	144,915	99.56
Pahang	139,047	137,172	98.65
Terengganu	136,346	134,944	98.97
Kelantan	263,327	223,115	84.73
Sabah	204,810	200,420	97.86
Sarawak	202,039	194,965	96.50
<b>MALAYSIA</b>	<b>1,789,197</b>	<b>1,724,093</b>	<b>96.36</b>

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

**JADUAL 4.46. : LIPUTAN RUMAH YANG MENGGUNAKAN TANDAS SEMPURNA DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2009**

Table 4.46. : Houses Covered with Sanitary Latrines in Rural Area by State, Malaysia as on 31st December, 2009

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	39,236	39,105	99.67
Kedah	185,675	184,055	99.13
Pulau Pinang	72,445	72,304	99.81
Perak	152,256	149,669	98.30
Selangor	109,358	108,419	99.14
N.Sembilan	66,993	66,426	99.15
Melaka	72,106	71,967	99.81
Johor	145,559	144,838	99.50
Pahang	139,047	136,553	98.21
Terengganu	136,346	136,346	100.00
Kelantan	263,327	260,070	98.76
Sabah	204,810	187,036	91.32
Sarawak	202,039	195,269	96.65
<b>MALAYSIA</b>	<b>1,789,197</b>	<b>1,752,057</b>	<b>97.92</b>

PUNCA : PUSAT INFORMATIK KESIHATAN, KEMENTERIAN KESIHATAN MALAYSIA.

Source : Health Informatics Centre, Ministry of Health Malaysia

**JADUAL 4.47. : LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN AIR LIMBAH DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2009**

Table 4.47. : Houses Covered with Sullage Disposal System in Rural Area by State, Malaysia as on 31st December, 2009

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR Number of Houses in Rural Area	LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN AIR LIMBAH Houses Covered with Sullage Disposal System	
		RUMAH Houses	PERATUS Percentage
Perlis	39,236	24,402	62.19
Kedah	185,675	121,329	65.34
Pulau Pinang	72,445	55,954	77.24
Perak	152,256	77,280	50.76
Selangor	109,358	103,640	94.77
N.Sembilan	66,993	51,420	76.75
Melaka	72,106	57,752	80.09
Johor	145,559	133,329	91.60
Pahang	139,047	96,888	69.68
Terengganu	136,346	71,252	52.26
Kelantan	263,327	81,336	30.89
Sabah	204,810	124,708	60.89
Sarawak	202,039	119,984	59.39
<b>MALAYSIA</b>	<b>1,789,197</b>	<b>1,119,274</b>	<b>62.56</b>

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



**JADUAL 4.48 : LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN SISA PEPEJAL DI KAWASAN LUAR BANDAR MENGIKUT NEGERI, MALAYSIA SEHINGGA 31HB. DISEMBER, 2009**

Table 4.48 : Houses Covered with Solid Waste Disposal System in Rural Area by State, Malaysia as on 31st December, 2009

NEGERI State	JUMLAH RUMAH DI KAWASAN LUAR BANDAR Number of Houses in Rural Area	LIPUTAN RUMAH YANG MENGGUNAKAN SISTEM PELUPUSAN SISA PEPEJAL Houses Covered with Solid Waste Disposal System	
		RUMAH Houses	PERATUS Percentage
Perlis	39,236	26,206	66.79
Kedah	185,675	149,151	80.33
Pulau Pinang	72,445	67,028	92.52
Perak	152,256	88,681	58.24
Selangor	109,358	101,845	93.13
N.Sembilan	66,993	49,213	73.46
Melaka	72,106	64,225	89.07
Johor	145,559	137,112	94.20
Pahang	139,047	94,575	68.02
Terengganu	136,346	86,693	63.58
Kelantan	263,327	132,830	50.44
Sabah	204,810	134,605	65.72
Sarawak	202,039	114,815	56.83
<b>MALAYSIA</b>	<b>1,789,197</b>	<b>1,246,979</b>	<b>69.69</b>

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

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>PERLIS</b> Hospital Tengku Fauziah, Kangar	404	404	75.53	84.33	3.61	1.17
<b>Jumlah Negeri / State Total</b>	<b>404</b>	<b>404</b>	<b>75.53</b>	<b>84.33</b>	<b>3.61</b>	<b>1.17</b>
<b>KEDAH</b> Hospital Sultanah Bahiyah, Alor Setar	805	805	86.37	159.39	4.34	0.69
Hospital Sultan Abdul Halim Sungai Petani	498	498	81.48	123.44	3.24	0.74
Hospital Kulim	281	281	79.18	74.24	3.00	0.79
Hospital Baling	160	160	45.18	31.32	2.30	2.79
Hospital Langkawi	110	110	58.49	23.07	2.79	1.98
Hospital Yan	89	89	49.35	18.77	2.33	2.40
Hospital Jitra	103	103	48.09	18.17	2.72	2.93
Hospital Sik	93	93	55.33	19.09	2.68	2.16
Hospital Kuala Nerang	72	72	45.97	12.42	2.67	3.13
<b>Jumlah Negeri / State Total</b>	<b>2,211</b>	<b>2,211</b>	<b>74.10</b>	<b>479.90</b>	<b>3.40</b>	<b>1.19</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (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	1090	1,090	74.70	173.91	4.68	1.58
Hospital Bukit Mertajam	242	242	51.35	40.16	3.11	2.95
Hospital Seberang Jaya	314	314	105.01	108.62	3.05	-0.15
Hospital Sungai Bakap	105	105	51.69	20.49	2.65	2.48
Hospital Balik Pulau	71	71	67.18	8.40	5.69	2.78
Hospital Kepala Batas	108	108	73.49	23.24	3.41	1.23
<b>Jumlah Negeri / State Total</b>	<b>1,930</b>	<b>1,930</b>	<b>75.11</b>	<b>374.82</b>	<b>3.87</b>	<b>1.28</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>PERAK</b>						
Hospital Raja Perempuan Bainon, Ipoh	990	990	67.15	166.18	4.00	1.96
Hospital Taiping	608	608	66.46	112.04	3.59	1.81
Hospital Teluk Intan	548	548	45.25	72.35	3.43	4.15
Hospital Parit Buntar	120	120	43.94	25.32	2.08	2.66
Hospital Kuala Kangsar	136	136	45.09	21.35	2.87	3.50
Hospital Batu Gajah	160	160	47.11	27.32	2.76	3.09
Hospital Kampar	90	90	31.35	10.27	2.74	5.99
Hospital Tapah	100	100	34.92	15.18	2.29	4.27
Hospital Slim River	140	140	47.04	22.99	2.85	3.21
Hospital Seri Manjung	270	270	82.48	78.05	2.85	0.61
Hospital Gerik	75	75	38.43	12.99	2.22	3.56
Hospital Selama	90	90	29.63	10.24	2.59	6.15
Hospital Changkat Melintang	50	50	43.35	11.58	1.87	2.45
Hospital Sungai Siput	93	93	47.30	13.38	3.29	3.66
<b>Jumlah Negeri / State Total</b>	<b>3,470</b>	<b>3,470</b>	<b>57.03</b>	<b>599.25</b>	<b>3.30</b>	<b>2.49</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SELANGOR</b>						
Hospital Tengku Ampuan Rahimah, Kelang	893	893	89.33	236.91	3.43	0.41
Hospital Kajang	306	306	70.68	71.79	3.02	1.25
Hospital Kuala Kubu Baru	150	150	29.77	18.34	2.42	5.72
Hospital Tanjung Karang	114	114	44.79	20.46	2.49	3.07
Hospital Banting	151	151	67.34	36.13	2.81	1.36
Hospital Tengku Ampuan Jemaah, Sabak Bernam	93	93	50.10	16.99	2.74	2.73
Hospital Sungai Buluh	620	620	62.36	87.36	4.43	2.68
Hospital Selayang	852	852	60.23	124.88	4.09	2.70
Hospital Serdang	630	630	62.11	95.81	4.09	2.49
Hospital Ampang	562	562	50.03	65.75	4.28	4.28
<b>Jumlah Negeri / State Total</b>	<b>4,371</b>	<b>4,371</b>	<b>64.75</b>	<b>774.42</b>	<b>3.67</b>	<b>2.00</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>WILAYAH PERSEKUTUAN KUALA LUMPUR</b> Hospital Kuala Lumpur	2,229	2,228	71.40	321.17	4.96	1.99
<b>Jumlah Negeri / State Total</b>	<b>2,229</b>	<b>2,228</b>	<b>71.40</b>	<b>321.17</b>	<b>4.96</b>	<b>1.99</b>
<b>WILAYAH PERSEKUTUAN PUTRAJAYA</b> Hospital Putrajaya	272	272	69.55	59.92	3.16	1.38
<b>Jumlah Negeri / State Total</b>	<b>272</b>	<b>272</b>	<b>69.55</b>	<b>59.92</b>	<b>3.16</b>	<b>1.38</b>
<b>WILAYAH PERSEKUTUAN LABUAN</b> Hospital Labuan	109	109	45.09	14.60	3.35	4.08
<b>Jumlah Negeri / State Total</b>	<b>109</b>	<b>109</b>	<b>45.09</b>	<b>14.60</b>	<b>3.35</b>	<b>4.08</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>NEGERI SEMBILAN</b>						
Hospital Tuanku Jaafar, Seremban	850	850	68.94	151.94	3.85	1.74
Hospital Tuanku Ampuan Najihah, Kuala Pilah	314	314	56.92	67.68	2.65	2.01
Hospital Tampin	85	85	48.89	16.44	2.52	2.64
Hospital Port Dickson	94	94	51.12	19.48	2.46	2.35
Hospital Jelevu	76	76	33.74	8.30	3.09	6.07
Hospital Jempol	108	108	33.06	11.65	3.06	6.20
<b>Jumlah Negeri / State Total</b>	<b>1,527</b>	<b>1,527</b>	<b>59.97</b>	<b>275.49</b>	<b>3.32</b>	<b>2.22</b>
<b>MELAKA</b>						
Hospital Melaka	901	901	80.68	186.45	3.92	0.94
Hospital Alor Gajah	29	29	72.63	8.10	2.60	0.98
Hospital Jasin	76	76	35.08	9.08	2.93	5.42
<b>Jumlah Negeri / State Total</b>	<b>1,006</b>	<b>1,006</b>	<b>77.01</b>	<b>203.62</b>	<b>3.82</b>	<b>1.14</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>JOHOR</b>						
Hospital Sultanah Aminah, Johor Bahru	989	989	85.94	213.52	3.97	0.65
Hospital Pakar Sultanah Fatimah, Muar	550	550	72.50	97.32	4.10	1.55
Hospital Batu Pahat	314	314	83.05	90.68	2.87	0.59
Hospital Segamat	221	221	81.37	57.42	3.14	0.72
Hospital Kluang	244	244	56.97	52.40	2.65	2.00
Hospital Kota Tinggi	158	158	55.97	34.87	2.53	1.99
Hospital Pontian	120	120	58.75	30.01	2.34	1.64
Hospital Mersing	55	55	79.42	13.98	3.10	0.80
Hospital Tangkak	69	69	46.76	8.22	3.95	4.50
Hospital T.S Maharaja Tun Ibrahim, Kulai	93	93	72.83	32.36	2.09	0.78
Hospital Sultan Ismail, Pandan	704	704	43.06	79.96	3.81	5.03
<b>Jumlah Negeri / State Total</b>	<b>3,517</b>	<b>3,517</b>	<b>69.21</b>	<b>710.74</b>	<b>3.42</b>	<b>1.52</b>



**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>PAHANG</b>						
Hospital Tengku Ampuan Afzan, Kuantan	722	722	78.64	129.29	4.39	1.19
Hospital Pekan	110	110	47.44	15.35	3.40	3.77
Hospital Sultan Haji Ahmad Shah, Temerloh	482	482	77.37	87.97	4.30	1.26
Hospital Bentong	152	152	41.56	16.53	3.83	5.38
Hospital Raub	89	89	55.63	17.25	2.87	2.29
Hospital Kuala Lipis	128	128	54.77	20.06	3.50	2.89
Hospital Jerantut	77	77	69.96	19.97	2.71	1.16
Hospital Jengka	70	70	72.71	18.60	2.75	1.03
Hospital Muadzam Shah	49	49	63.00	12.84	2.40	1.41
Hospital Sultanah Hajjah Kalsom Cameron Highland	28	28	51.36	5.49	2.62	2.48
<b>Jumlah Negeri / State Total</b>	<b>1,907</b>	<b>1,907</b>	<b>69.52</b>	<b>343.35</b>	<b>3.88</b>	<b>1.70</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>TERENGGANU</b>						
Hospital Sultanah Nur Zahirah, Kuala Terengganu	821	821	75.16	168.98	3.60	1.19
Hospital Kemaman	116	116	85.79	38.78	2.55	0.42
Hospital Dungun	100	92	64.40	28.16	2.10	1.16
Hospital Besut	140	140	59.83	31.01	2.70	1.81
Hospital Hulu Terengganu	119	119	48.21	16.17	3.54	3.80
Hospital Setiu	76	76	42.57	11.90	2.72	3.66
<b>Jumlah Negeri / State Total</b>	<b>1,372</b>	<b>1,364</b>	<b>69.60</b>	<b>294.99</b>	<b>3.19</b>	<b>1.39</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>KELANTAN</b>						
Hospital Raja Perempuan Zainab II, Kota Bharu	920	920	73.46	143.67	4.69	1.70
Hospital Kuala Krai	150	150	68.05	32.80	3.11	1.46
Hospital Machang	90	90	50.40	18.16	2.50	2.46
Hospital Tumpat	119	119	37.74	13.73	3.26	5.38
Hospital Pasir Mas	120	120	62.64	27.35	2.74	1.64
Hospital Tanah Merah	120	120	67.59	28.17	2.88	1.38
Hospital Tengku Anis, Pasir Puteh	75	75	65.97	18.92	2.61	1.34
Hospital Gua Musang	34	34	99.77	11.86	2.86	0.01
Hospital Jeli	24	24	106.51	8.88	2.89	-0.18
<b>Jumlah Negeri / State Total</b>	<b>1,652</b>	<b>1,652</b>	<b>68.61</b>	<b>303.53</b>	<b>3.73</b>	<b>1.71</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (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	62.53	55.44	6.75	4.05
Hospital Duchess of Kent, Sandakan	400	400	54.32	50.65	4.28	3.60
Hospital Tawau	401	401	58.63	62.69	3.76	2.65
Hospital Beaufort	275	275	23.41	14.64	4.40	14.38
Hospital Beluran	52	52	39.44	7.23	2.80	4.30
Hospital Keningau	212	212	67.04	36.05	3.93	1.93
Hospital Kota Belud	172	172	70.60	30.68	3.96	1.65
Hospital Kudat	180	180	41.08	19.46	3.80	5.45
Hospital Lahad Datu	268	268	39.68	29.94	3.56	5.42
Hospital Papar	77	77	48.44	14.24	2.62	2.79
Hospital Ranau	91	91	63.44	18.64	3.08	1.78
Hospital Semporna	70	70	54.00	14.66	2.58	2.20

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SABAH (SAMBUNGAN)</b>						
Hospital Tambunan	49	49	51.76	8.51	2.98	2.78
Hospital Tenom	92	92	34.02	10.85	2.87	5.57
Hospital Sipitang	93	93	26.80	6.57	3.80	10.37
Hospital Kota Marudu	97	97	56.46	21.81	2.52	1.94
Hospital Kinabatangan	68	68	35.27	8.29	2.89	5.31
Hospital Likas	504	504	70.57	96.40	3.70	1.54
Hospital Kuala Penyu	48	48	34.64	6.41	2.59	4.89
Hospital Kunak	48	48	40.88	7.16	2.75	3.98
Hospital Pitas	48	48	62.26	9.09	3.28	1.99
<b>Jumlah Negeri / State Total</b>	<b>3,834</b>	<b>3,834</b>	<b>53.84</b>	<b>529.42</b>	<b>3.91</b>	<b>3.35</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SARAWAK</b>						
Hospital Umum Kuching	765	765	77.92	121.20	4.92	1.39
Hospital Sri Aman	145	145	25.21	12.33	2.95	8.76
Hospital Sibu	509	509	76.69	87.64	4.46	1.36
Hospital Miri	333	333	68.79	62.69	3.67	1.66
Hospital Limbang	100	100	39.77	12.33	3.22	4.87
Hospital Sarikei	212	212	28.72	22.84	2.67	6.63
Hospital Kapit	134	134	50.15	17.26	3.89	3.86
Hospital Serian	84	84	51.36	16.60	2.60	2.47
Hospital Lundu	46	46	52.23	7.38	3.26	2.98
Hospital Saratok	106	106	22.83	8.09	2.99	10.09

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SARAWAK (SAMBUNGAN)</b>						
Hospital Mukah	80	80	29.72	7.93	2.99	7.08
Hospital Kanowit	100	100	27.78	6.55	4.22	10.98
Hospital Bintulu	284	284	56.63	44.45	3.61	2.77
Hospital Marudi	54	54	40.51	6.32	3.47	5.10
Hospital Lawas	46	46	45.54	7.10	2.95	3.52
Hospital Bau	68	68	33.50	7.91	2.88	5.71
Hospital Simunjan	42	42	27.69	4.37	2.67	6.98
Hospital Betong	68	68	35.86	9.20	2.66	4.76
Hospital Daro	68	68	19.22	4.61	2.84	11.96
Hospital RCBM (Leprosy) Sarawak	20	20	45.77	0.02	556.83	659.83
Hospital Dalat	8	8	34.93	1.41	2.00	3.73
<b>Jumlah Negeri / State Total</b>	<b>3,272</b>	<b>3,272</b>	<b>56.55</b>	<b>468.21</b>	<b>3.95</b>	<b>3.04</b>

**JADUAL 4.49. : RINGKASAN KEGUNAAN MENGENAI PERKHIDMATAN PESAKIT DALAM DI HOSPITAL KEMENTERIAN KESIHATAN, MALAYSIA, 2009 (SAMBUNGAN)**

Table 4.49. : Summary of the Utilization of Inpatient Services in Ministry of Health Hospitals, Malaysia, 2009 (Cont'd)

NEGERI DAN LOKASI HOSPITAL DAN INSTITUSI <i>State and Location of Hospitals and Institutions</i>	BILANGAN KATIL <i>Number of Beds</i>		KADAR KEGUNAAN KATIL <i>Bed Occupancy Rate (%)</i>	PURATA KEMASUKAN HARIAN <i>Daily Average Number of Admissions</i>	PURATA JANGKAMASA TINGGAL <i>Mean Length of Stay in Days</i>	JANGKAMASA KATIL DIKOSONGKAN <i>Turnover Interval in Days</i>
	KATIL RASMI <i>Official Beds</i>	KATIL OPERASI <i>Operational Beds</i>				
<b>SPECIAL MEDICAL INSTITUTION</b>						
Institut Perubatan Respiratori, Kuala Lumpur	110	109	51.34	6.42	8.71	8.25
Hospital Bahagia, Hulu Kinta	2600	2,600	65.75	7.41	219.85	114.54
Hospital Permai, Tampoi, Johor	1400	1,400	77.71	5.11	197.36	56.62
Pusat Kawalan Kusta Negara, Sg. Buloh	224	236	66.99	2.47	62.79	30.94
Hospital Mesra Bukit Padang, Sabah	302	302	60.54	2.18	85.88	55.99
Hospital Sentosa, Sarawak	338	338	70.21	1.39	176.40	74.86
<b>Jumlah Institusi / Institution Total</b>	<b>4,974</b>	<b>4,985</b>	<b>68.84</b>	<b>24.99</b>	<b>133.49</b>	<b>60.43</b>
<b>Jumlah Negeri / State Total</b>	<b>38,057</b>	<b>38,059</b>	<b>65.45</b>	<b>5,862.76</b>	<b>4.25</b>	<b>2.24</b>

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



**JADUAL 4.50. : LIPUTAN MURID SEKOLAH YANG MENERIMA RAWATAN PERGIGIAN DIRI DAN PERATUS YANG DIBERI RAWATAN PERGIGIAN PENUH, MALAYSIA, 2009**

Table 4.50 : Coverage of School Children Treated Under Personal Oral Health Care and Percentage Given All Required Oral Health Treatment, Malaysia, 2009

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	49,962	51,633	96.76	48,385	96.84
Kedah	383,205	399,238	95.98	355,133	92.67
Pulau Pinang	236,169	247,454	95.44	230,303	97.52
Perak	461,326	465,749	99.05	449,610	97.46
Selangor	778,929	892,302	87.29	755,849	97.04
W.P. Kuala Lumpur	247,466	255,834	96.73	241,476	97.58
W.P. Putrajaya	12,032	12,610	95.42	11,881	98.75
W.P. Labuan	13,545	13,777	98.32	13,384	98.81
Negeri Sembilan	200,526	205,949	97.37	194,135	96.81
Melaka	157,524	159,453	98.79	155,805	98.91
Johor	623,793	634,608	98.30	607,846	97.44
Pahang	280,758	284,087	98.83	269,453	95.97
Terengganu	238,029	256,892	92.66	223,535	93.91
Kelantan	288,011	394,481	73.01	238,802	82.91
Sabah	323,496	458,698	70.52	293,215	90.64
Sarawak	290,306	481,650	60.27	271,426	93.50
<b>MALAYSIA</b>	<b>4,585,077</b>	<b>5,214,415</b>	<b>87.93</b>	<b>4,360,238</b>	<b>95.10</b>

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

