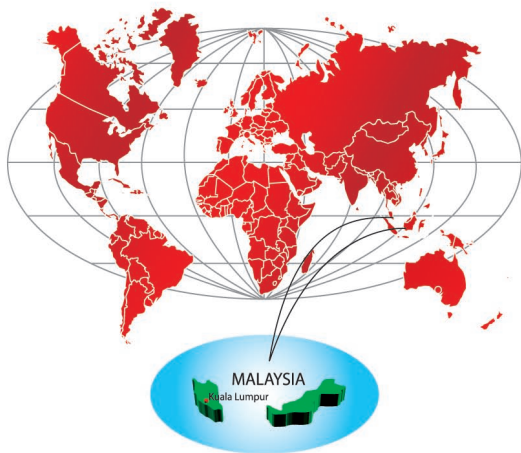


# **HEALTH FACTS**

## **2008**



**Health Informatics Centre  
Planning and Development Division  
MINISTRY OF HEALTH MALAYSIA  
(Published in MAY 2009)**

## Vision for Health

A nation working together for better health

## Mission of Ministry of Health

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

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

## **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 Malaysia 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.

## Population and Vital Statistics

Land Area (sq.km)*	329,960
Total Population	27,728,700
Population Density (per sq.km)	84
Population By Age Group	
• Below 15 years	8,876,200
• 15 - 64 years	17,620,200
• 65 years & above	1,232,300
Average Annual Population Growth Rate <sup>P</sup> (%)	2.0
Crude Birth Rate <sup>P</sup> (per 1,000 population)	17.5
Crude Death Rate <sup>P</sup> (per 1,000 population)	4.5
Stillbirth Rate <sup>P</sup> (per 1,000 births)	4.5
Perinatal Mortality Rate <sup>P</sup> (per 1,000 births)	7.3
Neonatal Mortality Rate <sup>P</sup> (per 1,000 live births)	3.9
Infant Mortality Rate <sup>P</sup> (per 1,000 live births)	6.3
Toddler Mortality Rate <sup>P</sup> (per 1000 population aged 1- 4 years)	0.4
Maternal Mortality Rate <sup>P</sup> (per 1,000 live births)	0.3
Life Expectancy at Birth <sup>P</sup> (in years) :	
• Male	71.70
• Female	76.46
Distribution of Live Births by Birthweight <sup>P</sup> (%) :	
• Under 2.5kg	10.5
• 2.5 kg & over	89.5

<sup>P</sup> : Provisional data for 2007

Source : Department of Statistics, Malaysia

\* Department of Survey & Mapping, Malaysia

## Incidence Rate and Mortality Rate of Communicable Diseases (per 100,000 Population)

Communicable Diseases	Incidence Rate	Mortality Rate
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### Food and Water Borne Diseases

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Cholera	0.34	0.01
Dysentery	0.33	0
Food Poisoning	62.47	0.01
Typhoid	0.72	0.01
Hepatitis A	0.13	0

### Vector Borne Diseases

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Dengue	167.76	0.02
Dengue Haemorrhagic Fever	10.16	0.38
Malaria <sup>1</sup>	2.67	0.01
Typhus	0.05	0
Plague	0	0
Yellow Fever	0	0

### Vaccine Preventable Diseases

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Acute Poliomyelitis	0	0
Diphtheria	0.01	0.00
Measles	1.20	0.01
Other Tetanus	0.06	0.00
Neonatal Tetanus <sup>2</sup>	0.03	0
Hepatitis B	3.20	0.05
Whooping Cough	0.04	0

### Sexually Transmitted Diseases

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Chancroid	0	0
Gonorrhoea	2.85	0
Syphilis	3.16	0.00

**Communicable  
Diseases****Incidence  
Rate****Mortality  
Rate****Other Infectious Diseases**

HIV	13.31	0.54
AIDS	3.39	3.25
Ebola	0	0
Hepatitis C	3.35	0.07
Hand, Food & Mouth Diseases	56.13	0.02
Leprosy	0.84	0
Other Specified Viral Hepatitis	0.02	0.00
Rabies	0	0
Relapsing Fever	0	0
Tuberculosis	63.10	5.49
Viral Encephalitis	0.07	0.01

<sup>1</sup> per 10,000 population      <sup>2</sup> per 1,000 live births

Source: Disease Control Division, MoH

**Childhood Immunisation Coverage**

B.C.G. Immunisation Coverage of Infants	98.85%
DPT - HIB (Diphtheria, Pertusis & Tetanus - Haemophilus Influenzae Type B) Immunisation Coverage of Infants (3rd Dose)	95.75%
Polio Immunisation Coverage of Infants (3rd Dose)	96.29%
MMR (Mump, Measles, Rubbella) Immunisation Coverage of Children Aged 1 - < 2 years	94.30%
Hepatitis B Immunisation Coverage of Infants (4th Dose)	94.89%

## 10 Principal Causes of Hospitalisation in MoH Hospitals

1. Normal Deliveries	13.99%
2. Complications of Pregnancy, Childbirth and the Puerpeirum	12.77%
3. Accidents	8.40%
4. Diseases of the Respiratory System	8.05%
5. Diseases of the Circulatory System	6.99%
6. Certain Conditions Originating in the Perinatal Period	6.78%
7. Diseases of the Digestive System	5.37%
8. Ill- defined Conditions	3.63%
9. Diseases of the Urinary System	3.49%
10. Malignant Neoplasms	3.16%

## 10 Principal Causes of Deaths in MoH Hospitals

1. Heart Diseases & Diseases of Pulmonary Circulation	16.54%
2. Septicaemia	13.18%
3. Malignant Neoplasms	11.21%
4. Pneumonia	9.28%
5. Cerebrovascular Diseases	8.65%
6. Diseases of the Digestive System	5.18%
7. Accidents	5.00%
8. Certain Conditions Originating in the Perinatal Period	3.97%
9. Nephritis, Nephrotic Syndrome and Nephrosis	3.76%
10. Ill- defined Conditions	2.63%

# Admissions and Outpatient Attendances

## MoH Facilities

### Admissions

Hospitals	2,062,925
Special Medical Institutions	9,708

### Outpatient Attendances

Hospitals	15,273,036
Special Medical Institutions	153,830
Public Health Facilities	23,009,021

### Dental Health Attendances

Dental Clinics	9,290,384
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### Maternal & Child Health Attendances

Ante-natal Attendances	4,807,600
Post-natal Attendances	564,312
Child Attendances	6,593,226

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## Non MoH Government Facilities

Admissions	126,677
Outpatient Attendances	1,544,581

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## Private Hospitals

Admissions <sup>1</sup>	754,378
Outpatient Attendances <sup>1</sup>	2,464,756

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<sup>1</sup> Submission to HIC Portal for 2008 based on 90.96% participation of private hospitals.



## Health Facilities

	NO.	BEDS ( OFFICIAL )
Hospitals (MoH)	130	33,004
Special Medical Institutions (MoH)	6	5,000
Special Institutions (MoH) <sup>1</sup>	2	-
National Institutes of Health (MoH)	6	-
Non-MoH Government Hospitals	7	3,245
Private Hospitals	209	11,689
Private Maternity Homes	22	174
Private Nursing Homes	12	274
Private Hospice	3	28
MoH Dental Clinics	1,707	2,910*
MoH Mobile Dental Clinics <sup>2</sup>	493	1,149*
MoH Health Clinics	802	
MoH Community Clinics (Klinik Desa)	1,927	
MoH Maternal & Child Health Clinics	95	
MoH Mobile Health Clinics	193	
Private Medical Clinics	6,371	
Private Dental Clinics	1,435	

<sup>1</sup> National Blood Centre & Public Health Laboratory

<sup>2</sup> Includes Mobile & Pre School Dental Team

\* Dental Chairs

## Human Resources

	PUBLIC	PRIVATE	TOTAL	PROFESSION : POPULATION
Doctors <sup>1 &amp; 2</sup>	15,096	10,006	25,102	1:1,105
Dentists <sup>1 &amp; 3</sup>	1,922	1,718	3,640	1:7,618
Pharmacists <sup>1 &amp; 4</sup>	3,070	3,327	6,397	1:4,335
Opticians <sup>5</sup>	-	2,514	2,514	1: 11,030
Optometrists <sup>5</sup>	159	532	691	1: 40,128
Asst. Medical Officers <sup>1 &amp; 6</sup>	8,310	768	9,078	1: 3,054
Asst. Pharmacy Officers <sup>1</sup>	2,778*	n.a	2,778*	1:9,982
Asst.Environmental Health Officers <sup>1</sup>	2,566*	n.a	2,566*	1:10,806
Medical Lab. Technologists <sup>1</sup>	4,039*	n.a	4,039*	1:6,865
Occupational Therapists <sup>1</sup>	426*	n.a	426*	1: 65,091
Physiotherapists <sup>1</sup>	593*	n.a	593*	1: 46,760
Radiographers <sup>1</sup>	1,518*	n.a	1,518*	1: 18,267
Nurses <sup>1 &amp; 7</sup>	38,575	15,633	54,208	1:512
Dental Nurses <sup>1 &amp; 8</sup>	2,287	-	2,287	1:12,124

## Human Resources

	PUBLIC	PRIVATE	TOTAL	PROFESSION : POPULATION
Community Nurses <sup>1 &amp; 7</sup>	18,143	500	18,643	1:1,487
Dental Technicians <sup>1 &amp; 8</sup>	772	704	1,476	1:18,786
Dental Surgery Assistants <sup>1 &amp; 8</sup>	2,970	n.a	2,970	1:9,336
Traditional & Complementary Medicine Practitioners <sup>9</sup>	n.a	n.a	8,739**	1:3,173

Source:

<sup>1</sup> Human Resource Division, MoH

<sup>2</sup> Malaysian Medical Council

<sup>3</sup> Malaysian Dental Council

<sup>4</sup> Pharmacy Board Malaysia

<sup>5</sup> Malaysia Optical Council

<sup>6</sup> Medical Assistant Board

<sup>7</sup> Malaysia Nursing Board

<sup>8</sup> Oral Health Division, MoH

<sup>9</sup> Traditional & Complementary Medicine Division, MoH

Note :

n.a : not available

\* : MoH only

\*\* : refers to voluntary registration by local practitioners & application for professional visa by foreign practitioners

## Financial Allocation

Total MoH Budget	RM 12,901,865,000
MoH Operating Budget	RM 10,679,587,000
MoH Development Budget	RM 2,222,278,000
Per Capita Allocation	RM 465.29
Per Capita Income (current prices ) (estimate)*	RM 25,274
Percentage of Total MoH Allocation to National Budget	7.29

Source : \*Economic Report 2008/ 2009, MoF

## National Health Accounts ( 2007 )

Total Expenditure on Health (Public & Private)	RM 30,227,929,810.20
Total Expenditure on Health as a Percentage of GDP	4.70%
Public Expenditure as a Percentage of Total Expenditure on Health	44.81%

## Environmental Health for Rural Area

Percentage of Houses Served with Safe Water Supply	95.26
Percentage of Houses Served with Sanitary Latrines	97.93
Percentage of Houses Served with Sullage Disposal	62.21
Percentage of Houses Served with Waste Disposal	69.84