

## Admissions and Outpatient Attendances, 2015

### Government

#### Ministry of Health

#### Admissions<sup>1</sup>

Hospitals	2,465,727
Special Medical Institutions	60,478

#### Outpatient Attendances

Hospitals	20,260,479
Special Medical Institutions	311,952
Public Health Facilities <sup>2</sup>	38,311,223

#### Day Care Attendances

Hospitals <sup>3</sup>	1,260,198
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#### Clinical Support Service Attendances

Medical Rehabilitation (Hearing) <sup>4</sup>	95,564
Medical Rehabilitation (Speech) <sup>5</sup>	54,831
Medical Social Services <sup>6</sup>	89,450
Dietetic <sup>7</sup>	236,569
Medical Rehabilitation (Occupational Therapy) <sup>8</sup>	497,495
Medical Rehabilitation (Physiotherapy) <sup>9</sup>	1,191,422

#### Dental Health Attendances

Dental Clinics	11,688,700
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## Admissions and Outpatient Attendances, 2015

### Government (contd.)

#### Ministry of Health

#### Maternal & Child Health Attendances

Ante-natal Attendances	5,995,528
Post-natal Attendances	552,260
Child Attendances	8,162,977

#### Non Ministry of Health Hospitals

Admissions	150,832
Outpatient Attendances	2,162,307

#### Private Hospitals<sup>10</sup>

Admissions	1,064,718
Outpatient Attendances	3,932,361

<sup>1</sup>Based on 100% response rate.

<sup>2</sup>Based on 98.55% response rate.

<sup>3</sup>Based on 88.06% response rate.

<sup>4</sup>Based on 93.21% response rate.

<sup>5</sup>Based on 95.54% response rate.

<sup>6</sup>Based on 93.46% response rate.

<sup>7</sup>Based on 96.05% response rate.

<sup>8</sup>Based on 84.64% response rate.

<sup>9</sup>Based on 89.41% response rate.

<sup>10</sup>Based on 91.41% response rate. Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice.

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## Ten Principal Causes of Hospitalisation in MoH, 2015<sup>1</sup>

1. Pregnancy, childbirth and the puerperium	23.85%
2. Diseases of the respiratory system	12.34%
3. Certain infectious and parasitic diseases	9.28%
4. Certain conditions originating in the perinatal period	8.38%
5. Injury, poisoning and certain other consequences of external causes	7.64%
6. Diseases of the circulatory system	7.29%
7. Diseases of the digestive system	4.52%
8. Diseases of the genitourinary system	4.21%
9. Neoplasms	4.09%
10. Factors influencing health status and contact with health services	3.55%

## Ten Principal Causes of Death\* in MoH Hospitals, 2015<sup>2</sup>

1. Diseases of the circulatory system	22.77%
2. Diseases of the respiratory system	18.54%
3. Neoplasms	13.56%
4. Certain infectious and parasitic diseases	13.20%
5. External causes of morbidity and mortality	9.74%
6. Diseases of the digestive system	4.82%
7. Diseases of the genitourinary system	4.32%
8. Certain conditions originating in the perinatal period	3.16%
9. Endocrine, nutritional and metabolic diseases	2.08%
10. Disease of the nervous system	1.51%

Note: Based on 3 digit code grouping ICD10.

\* Based on underlying causes of death.

<sup>2</sup> Preliminary

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## Ten Principal Causes of Hospitalisation in Private Hospitals, 2015<sup>1</sup>

1. Certain infectious and parasitic diseases	15.28%
2. Diseases of the respiratory system	14.79%
3. Pregnancy, childbirth and the puerperium	10.97%
4. Diseases of the digestive system	9.14%
5. Injury, poisoning and certain other consequences of external causes	7.32%
6. Diseases of the circulatory system	6.89%
7. Diseases of the genitourinary system	6.66%
8. Diseases of the musculoskeletal system and connective tissue	6.04%
9. Factors influencing health status and contact with health services	4.21%
10. Neoplasms	4.15%

## Ten Principal Causes of Death in Private Hospitals, 2015<sup>2</sup>

1. Diseases of the circulatory system	27.70%
2. Neoplasms	25.58%
3. Certain infectious and parasitic diseases	13.72%
4. Diseases of the respiratory system	13.50%
5. Diseases of the genitourinary system	3.91%
6. Diseases of the digestive system	3.81%
7. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	2.53%
8. Injury, poisoning and certain other consequences of external causes	1.64%
9. Endocrine, nutritional and metabolic diseases	1.59%
10. Certain conditions originating in the perinatal period	1.16%

Note: Based on 3 digit code grouping ICD10.

<sup>2</sup> Preliminary

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## Ten Principal Causes of Hospitalisation in MoH & Private Hospitals, 2015<sup>1</sup>

1. Pregnancy, childbirth and the puerperium	19.90%
2. Diseases of the respiratory system	13.10%
3. Certain infectious and parasitic diseases	11.12%
4. Injury, poisoning and certain other consequences of external causes	7.54%
5. Diseases of the circulatory system	7.17%
6. Certain conditions originating in the perinatal period	6.36%
7. Diseases of the digestive system	5.94%
8. Diseases of the genitourinary system	4.96%
9. Neoplasms	4.11%
10. Factors influencing health status and contact with health services	3.75%

Note: Based on 3 digit code grouping ICD10.

<sup>2</sup> Preliminary

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## Incidence Rate and Mortality Rate of Communicable Diseases, 2015 (per 100,000 Population)

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

Cholera	0.80	0.01
Dysentery	0.41	-
Food Poisoning	47.34	0.01
Hepatitis A	0.36	-
Typhoid	1.42	0.03

### Vector Borne Diseases

Dengue	392.96	-
Dengue Haemorrhagic Fever	3.41	1.10
Malaria	7.58	0.03
Plague	-	-
Typhus	0.01	-
Yellow Fever	-	-

### Vaccine Preventable Diseases

Acute Poliomyelitis	-	-
Diphtheria	0.01	0.00
Hepatitis B	12.65	0.13
Measles	4.32	0.01
Neonatal Tetanus <sup>1</sup>	0.05	-
Other Tetanus	0.07	0.01
Pertusis	3.08	0.04

Note: Based on 3 digit code grouping ICD10.

<sup>1</sup> Per 1,000 live births (2014)

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## Incidence Rate and Mortality Rate of Communicable Diseases, 2015 (per 100,000 Population)

Communicable Diseases	Incidence Rate	Mortality Rate
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### Sexually Transmitted Diseases

Chancroid	-	-
Gonorrhoea	7.53	-
Syphilis	6.00	-

### Other Infectious Diseases

AIDS	3.64	2.10
Ebola	-	-
Hand, Foot & Mouth Diseases	74.09	0.00
Hepatitis C	6.91	0.19
HIV	10.92	0.59
Leptospirosis	0.69	-
Other Specified Viral Hepatitis	27.20	0.26
Rabies	0.15	0.00
Relapsing Fever	-	-
Tuberculosis	79.45	5.56
Viral Encephalitis	0.12	0.01

<sup>1</sup> Per 1,000 live births (2014)

(-) No case

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## Childhood Immunisation Coverage, 2015

B.C.G. Immunisation Coverage of Infants <sup>1</sup>	98.53%
DPT – Hib Immunisation Coverage of Infants (3rd Dose) <sup>2 (P)</sup>	99.04%
Polio Immunisation Coverage of Infants (3rd Dose) <sup>2 (P)</sup>	99.04%
MMR Immunisation Coverage of Children Aged 1 to < 2 years	93.07%
Hepatitis B Immunisation Coverage of Infants (3rd Dose) <sup>2 (P)</sup>	99.27%
HPV Immunisation Coverage of Girls Aged 13 years (3rd Dose)	84.07%

<sup>1</sup> Denominator: Live births from TBIS (Tuberculosis Information System), Department of Public Health, MoH

<sup>2</sup> Denominator: Live births (2014) from Department of Statistics, Malaysia.

<sup>(P)</sup> Preliminary

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## Environmental Health for Rural Area<sup>1</sup>, 2015

Percentage of Houses Served with Clean Water Supply	96.83%
Percentage of Houses Served with Sanitary Latrines	95.83%
Percentage of Houses Served with Sullage Disposal	67.19%
Percentage of Houses Served with Solid Waste Disposal	71.60%

<sup>1</sup> Rural area refers to area outside Local Authority/Municipality's operational area

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# HEALTH FACTS 2016

MINISTRY OF HEALTH MALAYSIA  
Planning Division  
Health Informatics Centre  
MOH/S/RAN/17.16(AR)  
(AUGUST 2016)

## Land Area

Malaysia 332,722 sq. km Source : Department of Survey & Mapping, Malaysia

Population and Vital Statistics	2015 <sup>(a)</sup>			2014 <sup>(a)</sup>			2013		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total Population <sup>(a)</sup> ('000)	30,485.2	15,653.8	14,831.5	30,097.9	15,464.9	14,633.0	29,714.7	15,278.0	14,436.7
Population Density (per sq.km)	92.2			91.0			89.9		
Population By Age Group: <sup>(a)</sup> (number & percentage)									
• Below 15 years ('000)	7,733.4 (25.4%)	3,969.3 (25.4%)	3,764.1 (25.4%)	7,733.9 (25.7%)	3,969.3 (25.7%)	3,764.7 (25.7%)	7,741.4 (26.0%)	3,972.6 (26.0%)	3,768.8 (26.1%)
• 15 – 64 years ('000)	20,972.0 (68.8%)	10,828.6 (69.2%)	10,143.3 (68.4%)	20,664.2 (68.7%)	10,677.9 (69.0%)	9,986.4 (68.2%)	20,352.7 (68.5%)	10,525.5 (68.9%)	9,827.3 (68.1%)
• 65 years & above ('000)	1,779.8 (5.8%)	855.9 (5.4%)	924.1 (6.2%)	1,699.6 (5.6%)	817.7 (5.3%)	881.9 (6.0%)	1,620.6 (5.5%)	779.9 (5.1%)	840.7 (5.8%)
Annual Population Growth Rate (%)	1.3	1.2	1.4	1.3	1.2	1.4	1.3	1.2	1.3
Crude Birth Rate (per 1,000 population)	16.9			16.7	16.7	16.7	16.7	16.7	16.6
Crude Death Rate (per 1,000 population)	4.8			4.8	5.3	4.2	4.7	5.3	4.1
Stillbirth Rate (per 1,000 births)	4.4			4.3	4.7	3.9	4.3	4.5	4.1
Perinatal Mortality Rate (per 1,000 births)				7.2	8.0	6.5	7.3	7.8	6.7
Neonatal Mortality Rate (per 1,000 live births)				3.9	4.3	3.4	4.0	4.5	3.5
Infant Mortality Rate (per 1,000 live births)	6.2			6.2	6.8	5.5	6.3	7.0	5.6
Toddler Mortality Rate (per 1,000 population aged 1 – 4 years)				0.4	0.4	0.3	0.4	0.4	0.4
Under – 5 Mortality Rate (per 1,000 live births)	7.5			7.6	8.4	6.8	7.9	8.6	7.1
Maternal Mortality Ratio (per 100,000 live births)				22.7	:	22.7	21.4	:	21.4
Life Expectancy At Birth (in years)	74.8 <sup>a</sup>	72.5 <sup>a</sup>	77.4 <sup>a</sup>	74.7 <sup>a</sup>	72.5 <sup>a</sup>	77.2 <sup>a</sup>	74.6 <sup>a</sup>	72.4 <sup>a</sup>	77.1 <sup>a</sup>
Distribution of Live Births by Birthweight (%):									
• under 2.5 kg				11.20	10.27	12.18	11.41	10.54	12.33
• 2.5 kg and over				88.62	89.55	87.63	88.32	89.19	87.39
• unknown				0.18	0.18	0.19	0.27	0.27	0.28

<sup>(a)</sup> 2013-2015: Population Projections based on the adjusted 2010 Population and Housing Census of Malaysia 2010  
<sup>(b)</sup> Preliminary data  
<sup>(c)</sup> Estimated data  
<sup>(d)</sup> Not applicable  
 The added total differ due to rounding.  
 Source: Department of Statistics, Malaysia

1 Data not yet available 2

## Financial Allocation, 2016

Total MoH Allocation	RM23,031,066,400
- Operating	RM21,430,802,000
- Development	RM1,600,264,400
Per Capita Income <sup>1</sup> (current prices)	RM38,438
Percentage of Total MoH Allocation to National Budget	8.62%

Sources: <sup>1</sup> Estimated Federal Budget 2016, Ministry of Finance  
<sup>2</sup> Economic Report 2015/2016, Ministry of Finance

## National Health Accounts

Indicator	2013	2014
Total Expenditure on Health (Public & Private) (in million)	RM44,976 <sup>1</sup> (RM44,748) <sup>2</sup>	RM50,278
Total Expenditure on Health as a Percentage of GDP	4.41% <sup>1</sup> (4.53%) <sup>2</sup>	4.54%
Public Expenditure as a Percentage of Total Expenditure on Health	51.86% <sup>1</sup> (51.96%) <sup>2</sup>	52.43%

<sup>1</sup> Final Figure: The change due to review of methodology  
<sup>2</sup> Data published in Health Facts 2015  
 Source: Database MNHA 1997 - 2014, MNHA Unit, Planning Division, MoH

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## Healthcare Facilities, 2015 (as of 31 December)

### Government

Ministry of Health	NO.	OFFICIAL BEDS
<b>Hospitals</b>	143	41,389
- Hospitals	134	36,447
- Special Medical Institutions <sup>1</sup>	9	4,942

	NO.	TEAMS
<b>Health Clinics</b>	1,061	-
- Health Clinics <sup>2</sup>	1,061	-
- Community Clinics (Klinik Desa)	1,808	-
- Mobile Health Clinics (Teams)	-	203
- Flying Doctor Services (Teams)	6 (helicopters)	12

<sup>1</sup> Refers to one Rehabilitation Hospital, one Women & Children Hospital, one Leprosy, one Respiratory, one Cancer and four Psychiatric Institutions  
<sup>2</sup> Health Clinics include Maternal & Child Health Clinics

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## Healthcare Facilities, 2015 (as of 31 December)

### Government (contd.)

Ministry of Health	NO.	DENTAL CHAIRS
<b>Dental Clinics</b>		
- Standalone Dental Clinics	56	493
- Dental Clinics in Health Clinics <sup>1</sup>	583	1,446
- Dental Clinics in Hospitals	66	353
- Dental Clinics in Other Institutes	16	17
- School Dental Clinics <sup>2</sup>	925	843
- Mobile Dental Clinics <sup>2</sup>	28	44
<b>Dental Mobile Teams</b>		
- Pre-School	139	2,576 <sup>a</sup>
- Primary & Secondary School	450	
- Elderly/Special Children	4	

<sup>1</sup> Includes Dental Clinics in Maternal & Child Health Clinics  
<sup>2</sup> Includes Dental Clinics in primary and secondary school  
<sup>a</sup> Refers to portable dental chairs.

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## Healthcare Facilities, 2015 (as of 31 December)

### Government (contd.)

1Malaysia Clinics	NO.	TEAMS
- 1Malaysia Clinics	334	-
- 1Malaysia Mobile Clinics (Bus)	5	10
- 1Malaysia Mobile Clinics (Boat)	4	8
- 1Malaysia Dental Clinics (UTC)	9	16
- 1Malaysia Mobile Dental Clinics (Bus)	1	1
- 1Malaysia Mobile Dental Clinics (Boat)	2	2 <sup>a</sup>

### Non Ministry of Health

	NO.	OFFICIAL BEDS
Hospitals	9	3,698

<sup>a</sup> Refers to portable dental chairs.

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## Healthcare Facilities, 2015 (as of 31 December)

### Private

Licensed	NO.	OFFICIAL BEDS
Hospitals	183	12,963
Maternity Homes	14	50
Nursing Homes	16	539
Hospice	3	22
Ambulatory Care Centre	63	98
Blood Bank	3	25 <sup>1</sup>
Haemodialysis Centre	407	4,188 <sup>2</sup>
Community Mental Health Center	1	-
Combined Facilities <sup>3</sup>	2	73/29 <sup>2</sup>

### Registered

	NO.	OFFICIAL BEDS
Medical Clinics	7,146	-
Dental Clinics	1,867	-

<sup>1</sup> Refers to Banks/Tanks  
<sup>2</sup> Refers to dialysis chairs  
<sup>3</sup> Ambulatory Care and Haemodialysis Centre  
 Source: Medical Practice Division, MoH

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## Health Human Resources, 2015 (as of 31 December)

	MoH	Non-MoH	Private	Total	Profession: Population
Doctors <sup>a</sup>	33,545 <sup>1</sup>	n.a.	12,946 <sup>2</sup>	46,491	1: 656
Dentists <sup>3</sup>	3,488	533	2,363	6,384	1: 4,775
Pharmacists <sup>4</sup>	6,423	185	3,903	10,511	1: 2,900
Opticians <sup>5</sup>	-	-	3,183	3,183	1: 9,578
Optometrists <sup>5</sup>	282	54	1,264	1,600	1: 19,053
Assistant Medical Officers	12,198 <sup>1</sup>	896 <sup>6</sup>	1,630 <sup>6</sup>	14,724	1: 2,070
Nurses	64,016 <sup>1</sup>	5,574 <sup>7</sup>	30,335 <sup>7</sup>	99,925	1: 305
Pharmacy Assistant	4,066 <sup>1</sup>	306 <sup>4</sup>	936 <sup>4</sup>	5,308	-
Assistant Environmental Health Officers	4,517 <sup>1</sup>	n.a.	n.a.	4,517	-
Medical Laboratory Technologists	6,324 <sup>1</sup>	n.a.	n.a.	6,324	-

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## Health Human Resources, 2015 (as of 31 December)

	MoH	Non-MoH	Private	Total	Profession: Population
Occupational Therapists	1,054 <sup>1</sup>	n.a.	n.a.	1,054	-
Physiotherapists	1,361 <sup>1</sup>	n.a.	n.a.	1,361	-
Radiographers (Diagnostic & Therapist)	2,792 <sup>1</sup>	n.a.	n.a.	2,792	-
Dental Nurses	2,733 <sup>1</sup>	83 <sup>8</sup>	-	2,816	-
Community Nurses	24,926 <sup>1</sup>	54 <sup>7</sup>	195 <sup>7</sup>	25,175	-
Dental Technologists	946 <sup>1</sup>	125 <sup>8</sup>	811 <sup>8</sup>	1,882	-
Dental Surgery Assistants	3,810 <sup>1</sup>	361 <sup>8</sup>	41 <sup>8</sup>	4,212	-
Traditional & Complementary Medicine Practitioners <sup>b</sup>	-	-	-	13,985 <sup>9</sup>	-

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## Health Human Resources, 2015 (as of 31 December)

Note:  
 n.a.: not available  
<sup>a</sup> Includes House Officers  
<sup>b</sup> refers to registration of local and foreign practitioners

Sources:  
<sup>1</sup> Human Resources Division, MoH  
<sup>2</sup> Malaysian Medical Council  
<sup>3</sup> Malaysian Dental Council  
<sup>4</sup> Pharmaceutical Services Division, MoH  
<sup>5</sup> Malaysian Optical Council  
<sup>6</sup> Medical Assistant Board  
<sup>7</sup> Malaysian Nursing Board  
<sup>8</sup> Oral Health Division, MoH  
<sup>9</sup> Traditional & Complementary Medicine Division, MoH

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