



# HEALTH FACTS 2017

(Reference data for 2016)

MINISTRY OF HEALTH MALAYSIA  
Planning Division  
Health Informatics Centre  
MOH/S/RAN/47.17(AR)  
(NOVEMBER 2017)

## Environmental Health for Rural Area<sup>1</sup>, 2016

Percentage of Houses Served with Clean Water Supply	95.87%
Percentage of Houses Served with Sanitary Latrines	96.04%
Percentage of Houses Served with Sullage Disposal	67.36%
Percentage of Houses Served with Solid Waste Disposal	71.84%

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

## Childhood Immunisation Coverage, 2016

B.C.G. Immunisation Coverage of Infants <sup>1</sup>	98.26%
DPT – Hib Immunisation Coverage of Infants (3rd Dose) <sup>2 (P)</sup>	97.97%
Polio Immunisation Coverage of Infants (3rd Dose) <sup>2 (P)</sup>	97.97%
MMR Immunisation Coverage of Children Aged 1 to < 2 years <sup>3 (P)</sup>	94.37%
Hepatitis B Immunisation Coverage of Infants (3rd Dose) <sup>2 (P)</sup>	97.97%
HPV Immunisation Coverage of Girls Aged 13 years (2nd Dose) <sup>4 (P)</sup>	83.02%

<sup>1</sup> Denominator: Live births from TBIS (Tuberculosis Information System)

<sup>2</sup> Denominator: Live births (2015) from Department of Statistics, Malaysia.

<sup>3</sup> Denominator: Population aged 1 to < 2 years

<sup>4</sup> Denominator: Female population aged 13 years

<sup>(P)</sup> Preliminary

Source: Department of Public Health, MoH

## Incidence Rate and Mortality Rate of Communicable Diseases, 2016 (per 100,000 Population)

Communicable Diseases	Incidence Rate	Mortality Rate
<b>Sexually Transmitted Diseases</b>		
Chancroid	0.00	–
Gonorrhea	9.12	–
Syphilis	6.50	0.04
<b>Other Infectious Diseases</b>		
AIDS	3.86	2.34
Ebola	–	–
Hand, Foot & Mouth Diseases	148.47	–
Hepatitis C	8.35	0.30
HIV	10.73	0.53
Leprosy	0.65	–
Leptospirosis	16.69	0.16
Other Specified Viral Hepatitis	0.08	0.00
Rabies	–	–
Relapsing Fever	–	–
Tuberculosis	81.30	6.14
Viral Encephalitis	0.16	0.01

<sup>1</sup> Per 1,000 live births (2015)

Source: Disease Control Division, MoH

(-) No case

## Incidence Rate and Mortality Rate of Communicable Diseases, 2016 (per 100,000 Population)

Communicable Diseases	Incidence Rate	Mortality Rate
<b>Food and Water Borne Diseases</b>		
Cholera	0.54	–
Dysentery	0.40	0.00
Food Poisoning	55.21	0.02
Hepatitis A	0.27	–
Typhoid	0.57	0.01
<b>Vector Borne Diseases</b>		
Dengue	318.13	–
Dengue Haemorrhagic Fever	2.01	0.75
Malaria	7.27	0.01
Plague	–	–
Typhus	0.00	–
Yellow Fever	–	–
<b>Vaccine Preventable Diseases</b>		
Acute Poliomyelitis	–	–
Diphtheria	0.10	0.02
Hepatitis B	12.29	0.18
Measles	5.01	0.02
Neonatal Tetanus <sup>1</sup>	0.01	–
Other Tetanus	0.05	0.01
Pertusis	0.94	0.01

Note: Based on 3 digit code grouping ICD10.

<sup>1</sup> Preliminary

## Ten Principal Causes of Hospitalisation in Private Hospitals, 2016

1. Diseases of the respiratory system	15.93%
2. Certain infectious and parasitic diseases	14.57%
3. Pregnancy, childbirth and the puerperium	9.90%
4. Diseases of the digestive system	9.56%
5. Injury, poisoning and certain other consequences of external causes	7.51%
6. Diseases of the circulatory system	7.32%
7. Diseases of the genitourinary system	6.92%
8. Diseases of the musculoskeletal system and connective tissue	5.92%
9. Neoplasms	4.24%
10. Factors influencing health status and contact with health services	3.81%

## Ten Principal Causes of Death\* in Private Hospitals, 2016

1. Neoplasms	26.71%
2. Diseases of the circulatory system	26.43%
3. Diseases of the respiratory system	13.80%
4. Certain infectious and parasitic diseases	13.36%
5. Diseases of the genitourinary system	4.19%
6. Diseases of the digestive system	4.09%
7. Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	2.92%
8. Injury, poisoning and certain other consequences of external causes	1.67%
9. Endocrine, nutritional and metabolic diseases	1.25%
10. Certain conditions originating in the perinatal period	0.94%

Note: Based on 3 digit code grouping ICD10.

\* Based on immediate causes of death.

## Ten Principal Causes of Hospitalisation in MoH, 2016<sup>P</sup>

1. Pregnancy, childbirth and the puerperium	23.07%
2. Diseases of the respiratory system	12.80%
3. Certain infectious and parasitic diseases	8.74%
4. Certain conditions originating in the perinatal period	8.67%
5. Injury, poisoning and certain other consequences of external causes	7.66%
6. Diseases of the circulatory system	7.50%
7. Diseases of the digestive system	4.58%
8. Diseases of the genitourinary system	4.29%
9. Neoplasms	4.17%
10. Factors influencing health status and contact with health services	3.24%

## Ten Principal Causes of Death\* in MoH Hospitals, 2016<sup>P</sup>

1. Diseases of the circulatory system	22.62%
2. Diseases of the respiratory system	21.65%
3. Certain infectious and parasitic diseases	13.30%
4. Neoplasms	12.61%
5. Diseases of the genitourinary system	4.65%
6. Diseases of the digestive system	4.56%
7. External causes of morbidity and mortality	4.50%
8. Certain conditions originating in the perinatal period	2.56%
9. Endocrine, nutritional and metabolic diseases	2.39%
10. Disease of the nervous system	1.65%

Note: Based on 3 digit code grouping ICD10.

\* Based on underlying causes of death.

<sup>P</sup> Preliminary

## Admissions and Outpatient Attendances, 2016

### Government (contd.)

#### Ministry of Health

##### Maternal & Child Health Attendances

Ante-natal Attendances	6,003,606
Post-natal Attendances	531,019
Child Attendances	8,783,819

##### Non Ministry of Health Hospitals

Admissions	159,699
Outpatient Attendances	2,280,320

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

Admissions	1,073,039
Outpatient Attendances	3,821,698

<sup>1</sup> Based on 98.58% response rate.

<sup>2</sup> Based on 99.28% response rate.

<sup>3</sup> Based on 88.67% response rate.

<sup>4</sup> Based on 95.00% response rate.

<sup>5</sup> Based on 95.50% response rate.

<sup>6</sup> Based on 91.78% response rate.

<sup>7</sup> Based on 93.69% response rate.

<sup>8</sup> Based on 85.14% response rate.

<sup>9</sup> Based on 91.81% response rate.

<sup>10</sup> Based on 93.04% response rate. Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice.

## Admissions and Outpatient Attendances, 2016

### Government

#### Ministry of Health

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

Hospitals	2,510,438
Special Medical Institutions	61,442

##### Outpatient Attendances

Hospitals	20,721,556
Special Medical Institutions	326,665
Public Health Facilities <sup>2</sup>	40,154,008

##### Day Care Attendances

Hospitals <sup>3</sup>	1,420,174
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##### Clinical Support Service Attendances

Medical Rehabilitation (Hearing) <sup>4</sup>	119,020
Medical Rehabilitation (Speech) <sup>5</sup>	63,022
Medical Social Services <sup>6</sup>	98,378
Dietetic <sup>7</sup>	270,738
Medical Rehabilitation (Occupational Therapy) <sup>8</sup>	529,054
Medical Rehabilitation (Physiotherapy) <sup>9</sup>	1,435,321

##### Dental Health Attendances

Dental Clinics	12,232,963
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