

Admissions and Outpatient Attendances, 2017

Government (cont'd)

• Ministry of Health

Admissions¹ (preliminary)

- Hospitals	2,337,291
- Special Medical Institutions	38,114

Outpatient Attendances

- Hospitals	20,764,242
- Special Medical Institutions	341,078
- Public Health Facilities ²	42,882,285

Day Care Attendances

- Hospitals ³	1,275,008
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Clinical Support Service Attendances

- Medical Rehabilitation (Hearing) ⁴	104,243
- Medical Rehabilitation (Speech) ⁵	57,003
- Medical Social Services ⁶	82,766
- Dietetic ⁷	242,109
- Medical Rehabilitation (Occupational Therapy) ⁸	501,609
- Medical Rehabilitation (Physiotherapy) ⁹	1,401,378

Dental Health Attendances

- Dental Clinics	12,763,123
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Admissions and Outpatient Attendances, 2017

Government (cont'd)

• Ministry of Health

Maternal & Child Health Attendances

- Ante-natal Attendances	6,197,751
- Post-natal Attendances	520,704
- Child Attendances	9,488,065

• Non Ministry of Health Hospitals

- Admissions	152,150
- Outpatient Attendances	2,451,677

• Private Hospitals¹⁰

- Admissions	1,045,592
- Outpatient Attendances	3,669,093

¹ Based on 99.31% response rate.

² Based on 99.62% response rate.

³ Based on 76.78% response rate.

⁴ Based on 95.19% response rate.

⁵ Based on 97.67% response rate.

⁶ Based on 92.72% response rate.

⁷ Based on 95.43% response rate.

⁸ Based on 90.97% response rate.

⁹ Based on 94.47% response rate.

¹⁰ Based on 83.60% response rate. Include Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice

Ten Principal Causes of Hospitalisation in MoH Hospital, 2017

1 Pregnancy, childbirth and the puerperium	22.64%
2 Diseases of the respiratory system	13.26%
3 Certain conditions originating in the perinatal period	8.72%
4 Diseases of the circulatory system	7.95%
5 Certain infectious and parasitic diseases	7.55%
6 Injury, poisoning and certain other consequences of external causes	7.20%
7 Diseases of the digestive system	4.72%
8 Neoplasms	4.55%
9 Diseases of the genitourinary system	4.22%
10 Factors influencing health status and contact with health services	3.10%

Ten Principal Causes of Deaths* in MoH Hospital, 2017^p

1 Diseases of the circulatory system	21.86%
2 Diseases of the respiratory system	20.76%
3 Certain infectious and parasitic diseases	13.10%
4 Neoplasms	11.99%
5 Diseases of the genitourinary system	5.28%
6 Diseases of the digestive system	4.86%
7 Endocrine, nutritional and metabolic diseases	4.74%
8 Certain conditions originating in the perinatal period	2.40%
9 Diseases of the nervous system	1.90%
10 Injury, poisoning and certain other consequences of external causes	1.56%

Note: Based on 3 digit code grouping ICD 10.

* Based on underlying causes of deaths

^p Preliminary

¹⁰ Preliminary

Ten Principal Causes of Hospitalisation in Private Hospital, 2017

1 Diseases of the respiratory system	18.41%
2 Certain infectious and parasitic diseases	13.38%
3 Diseases of the digestive system	10.21%
4 Pregnancy, childbirth and the puerperium	8.64%
5 Injury, poisoning and certain other consequences of external causes	7.75%
6 Diseases of the genitourinary system	7.01%
7 Diseases of the circulatory system	6.38%
8 Diseases of the musculoskeletal system and connective tissue	6.23%
9 Neoplasms	4.22%
10 Factors influencing health status and contact with health services	3.60%

Ten Principal Causes of Death* in Private Hospital, 2017

1 Neoplasms	29.66%
2 Diseases of the circulatory system	22.89%
3 Certain infectious and parasitic diseases	15.60%
4 Diseases of the respiratory system	12.69%
5 Diseases of the digestive system	4.33%
6 Injury, poisoning and certain other consequences of external causes	2.67%
7 Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	2.55%
8 Diseases of the genitourinary system	2.25%
9 Endocrine, nutritional and metabolic diseases	1.72%
10 Diseases of the nervous system	1.30%

Note: Based on 3 digit code grouping ICD 10.

*Based on immediate causes of death.

¹⁰ Preliminary

Ten Principal Causes of Hospitalisation in MoH & Private Hospital, 2017

1 Pregnancy, childbirth and the puerperium	18.13%
2 Diseases of the respiratory system	14.10%
3 Certain infectious and parasitic diseases	8.79%
4 Diseases of the circulatory system	7.24%
5 Injury, poisoning and certain other consequences of external causes	7.07%
6 Certain conditions originating in the perinatal period	6.50%
7 Diseases of the digestive system	5.98%
8 Diseases of the genitourinary system	4.79%
9 Neoplasms	4.30%
10 Factors influencing health status and contact with health services	3.12%

Note: Based on 3 digit code grouping ICD 10.

*Based on immediate causes of death.

¹⁰ Preliminary

Incidence Rate and Mortality Rate of Communicable Diseases, 2017 (per 100,000 Population)

Communicable Diseases	Incidence Rate	Mortality Rate
Food and Water Borne Diseases		
Cholera	0.01	-
Dysentery	0.37	0.00
Food Poisoning	42.25	0.01
Hepatitis A	0.47	0.00
Typhoid	0.59	0.02
Vector Borne Diseases		
Dengue	257.60	-
Dengue Haemorrhagic Fever	1.25	0.55
Malaria	12.70	0.04
Plague	-	-
Typhus	0.06	-
Yellow Fever	-	-
Vaccine Preventable Diseases		
Acute Poliomyelitis	-	-
Diphtheria	0.10	0.02
Hepatitis B	15.41	0.17
Measles	5.28	0.01
Neonatal Tetanus ¹	0.03	0.01
Other Tetanus	0.08	0.01
Whooping Cough (Pertusis)	1.09	0.04

¹ per 1,000 live birth

- No case

Source: Disease Control Division, MoH

¹⁰ Preliminary

Incidence Rate and Mortality Rate of Communicable Diseases, 2017 (per 100,000 Population)

Communicable Diseases	Incidence Rate	Mortality Rate
Sexually Transmitted Diseases		
Chancroid	0.01	-
Gonorrhoea	10.39	-
Syphilis	8.00	0.02
Other Infectious Diseases		
AIDS	3.98	2.13
Ebola	-	-
Hand, Foot & Mouth Diseases	90.64	-
Hepatitis C	9.54	0.29
HIV	10.33	0.62
Leptospirosis	0.66	-
Other Specified Viral Hepatitis	0.07	-
Rabies	0.02	0.02
Relapsing Fever	-	-
Tuberculosis	80.78	6.47
Viral Encephalitis	0.09	-

¹ per 1,000 live birth

- No case

Source: Family Health Development Division, MoH

¹⁰ Preliminary

Childhood Immunisation Coverage, 2017

B.C.G. Immunisation Coverage of Infants ¹	98.50%
DPT - Hib Immunisation Coverage of Infants (3rd Dose) ^{2(P)}	98.89%
Polio Immunisation Coverage of Infants (3rd Dose) ^{2(P)}	98.89%
MMR Immunisation Coverage of Children Aged 1 to < 2 years	88.80%
Hepatitis B Immunisation Coverage of Infants (3rd Dose - Completed Dose) ^{2(P)}	98.15%
HPV Immunisation Coverage of Girls 13 years (2nd Dose) ³	99.40%

¹ Denominator: Live births from TBIS (Tuberculosis Information System)

² Denominator: Live births (2016) from Department of Statistics, Malaysia

³ Denominator: Female Population aged 13 years

^(P) Preliminary

Source: Family Health Development Division, MoH

Environmental Health for Rural Area¹, 2017

Percentage of Houses Served with Clean Water Supply	96.50%
Percentage of Houses Served with Sanitary Latrines	96.32%
Percentage of Houses Served with Sullage Disposal	69.37%
Percentage of Houses Served with Solid Waste Disposal	73.34%

¹ Rural area refers to area outside Local Authority/Municipality's operational area.



HEALTH FACTS 2018

(Reference Data for 2017)

MINISTRY OF HEALTH MALAYSIA
Planning Division
Health Informatics Centre
MOH/S/RAN/116.18 (AR)
(OKTOBER 2018)

Land Area

Malaysia 330,713 sq. km *Source: Department of Survey & Mapping, Malaysia*

Population and Vital Statistics	2017*			2016			2015		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total Population ^a ('000)	32,049.7	16,561.1	15,488.6	31,633.5	16,346.3	15,287.2	31,186.1	16,112.1	15,074.0
Total Population Density (per sq.km)	96.9			95.7			94.4		
Population by Age Group: (number & percentage)									
below 15 years ('000)	7,732.9 (24.1%)	3,985.8 (24.1%)	3,747.1 (24.2%)	7,759.8 (24.5%)	3,998.2 (24.4%)	3,761.6 (24.6%)	7,775.8 (24.9%)	4,002.1 (24.8%)	3,773.7 (25.0%)
15 - 64 years ('000)	22,314 (69.6%)	11,605.7 (70.1%)	10,708.3 (69.1%)	21,962.3 (69.4%)	11,422.4 (69.9%)	10,539.9 (69.0%)	21,589 (69.2%)	11,228.2 (69.7%)	10,360.8 (68.7%)
65 years & above ('000)	2,002.8 (6.3%)	969.5 (5.8%)	1,033.3 (6.7%)	1,911.4 (6.1%)	925.6 (5.7%)	985.8 (6.4%)	1,821.4 (5.9%)	881.8 (5.5%)	939.6 (6.3%)
Annual Population Growth Rate (%)	1.31	1.31	1.31	1.42	1.44	1.40	1.54	1.53	1.56
Crude Birth Rate (per 1,000 population)	16.1	16.1	16.1	16.1	16.1	16.1	16.7	16.7	16.7
Crude Death Rate (per 1,000 population)	5.2			5.1	5.7	4.5	5.0	5.6	4.4
Stillbirth Rate (per 1,000 births)	4.5	4.5	4.6	5.2	5.2	5.2	4.4	4.7	4.1
Perinatal Mortality Rate (per 1,000 births)				8.3	8.5	8.1	7.7	8.3	7.1
Neonatal Mortality Rate (per 1,000 live births)				4.2	4.4	3.9	4.3	4.7	3.9
Infant Mortality Rate (per 1,000 live births)	7.3			6.7	7.1	6.2	6.9	7.3	6.4
Toddler Mortality Rate (per 1,000 population aged 1-4 years)				0.4	0.4	0.3	0.4	0.4	0.3
Under-5 Mortality Rate (per 1,000 live births)	8.6			8.1	8.6	7.6	8.4	9.0	7.7
Maternal Mortality Ratio (per 100,000 live births)				29.1	:	29.1	23.8	:	23.8
Life Expectancy at Birth (in years)	74.8	72.7	77.4	74.7 ^p	72.5 ^p	77.2 ^p	74.6	72.5	77.1
Distribution Live Births by Birthweight (%):									
- Under 2.5 kg				11.4	10.5	12.4	11.5	10.6	12.6
- 2.5 kg & over				88.5	89.4	87.4	88.3	89.3	87.3
- Unknown				0.1	0.1	0.1	0.2	0.2	0.1

Notes:
 *2015-2017 : Current Population estimates 2015 and 2016 (final), 2017 (estimates).
 The added total may differ due to rounding.
 e - Estimates
 p - Preliminary
 : Not applicable
 □ Data not yet available
Source: Department of Statistics, Malaysia

Financial Allocation, 2018

Total MoH Allocation	RM26,581,938,800
- Operating	RM24,736,883,700
- Development	RM1,845,055,100
Per Capita income ¹ (current prices)	RM42,777
Percentage of Total MoH Allocation to National Budget	9.42%

*Sources: Estimated Federal Budget 2018, Ministry of Finance
 1 Economic Report 2017/2018, Ministry of Finance*

National Health Accounts

Indicator	2015	2016
Total Expenditure on Health (Public & Private) (In Million)	RM 49,838 ¹ (RM 52,609) ²	RM 51,742
Total Expenditure on Health as a Percentage of GDP	4.30% ¹ (4.55%) ²	4.21%
Public Expenditure as a Percentage of Total Expenditure on Health	53.95% ¹ (51.47%) ²	51.53%

*1 Final Figure: Data from 1997-2016 MNHA database
 2 Data from 1997-2015 MNHA database, published in Health Facts 2017
 Source: Database MNHA 1997 - 2016, MNHA Section, Planning Division, MoH*

Healthcare Facilities 2017 (as of 31 December)

	No.	Official Beds
Government		
- Ministry Of Health		
Hospitals and Special Medical Institutions	144	42,302³
- Hospitals	135	37,470
- Special Medical Institutions ¹	9	4,832
Health Clinics		
- Health Clinics ²	1,085	-
- Community Clinics (Klinik Desa)	1,796	-
- Mobile Health Clinics (Teams)	-	217
- Flying Doctor Services (Teams) (Helicopters)	6	12

*1 Refers to Rehabilitation Hospital (1), Women & Children Hospital (1), National Leprosy Control Centre (1), Institute of Respiratory Medicine (1), National Cancer Institute (1) and Psychiatric Institutions (4)
 2 Health Clinics include Maternal & Child Health Clinics
 3 Total official beds as reported in SMRP 2.0*

Healthcare Facilities 2017 (as of 31 December)

	No.	Dental Chairs
Government (cont'd)		
- Ministry of Health		
Dental Clinics		
- Standalone Dental Clinics	54	492
- Dental Clinics in Health Clinics ¹	586	1,442
- Dental Clinics in Hospitals	69	407
- Dental Clinics in Other Institutes	20	17
- School Dental Clinics ²	923	832
- Mobile Dental Clinics ²	35	53
Dental Mobile Teams		
- Pre-School	137	} 1,747 ³
- Primary and Secondary School	461	
- Elderly and Special Children	5	

*1 Include Dental Clinics in Maternal & Child Health Clinics
 2 Include Dental Clinics in primary and secondary school
 3 Refers to portable chairs*

Healthcare Facilities 2017 (as of 31 December)

	No.	Teams
Government (cont'd)		
- Ministry of Health		
1 Malaysia Clinics		
- 1 Malaysia Clinics	342	-
- 1 Malaysia Mobile Clinics (Bus)	7	10
- 1 Malaysia Mobile Clinics (Boat)	4	8
1 Malaysia Dental Clinics		
- 1 Malaysia Dental Clinics (UTC)	18	33
- 1 Malaysia Dental Clinics (RTC)	6	5
- 1 Malaysia Dental Mobile Clinics (Bus)	1	1 ¹
- 1 Malaysia Dental Mobile Clinics (Boat)	2	0 ¹
Non Ministry of Health		
Hospitals ²	10	3,892

*1 Refers to portable chairs
 2 Refers to 5 Army Hospitals and 5 University Hospitals*

Healthcare Facilities 2017 (as of 31 December)

	No.	Official Beds
Private		
Licensed		
- Hospitals	200	14,799
- Maternity Homes	16	50
- Nursing Homes	22	700
- Hospice	2	17
- Ambulatory Care Centre	100	186
- Blood Bank	4	25 ¹
- Haemodialysis Centre	450	4,843 ²
- Community Mental Health Centre	1	-
- Combined facilities ³	1	14/21 ²
Registered		
- Medical Clinics	7,571	-
- Dental Clinics	2,137	-

*1 Refers to banks/Tanks
 2 Refers to Dialysis Chairs
 3 Combination of Ambulatory Care and Haemodialysis Centre
 Source: Medical Practice Division, MoH.*

Health Human Resources, 2017 (as of 31 December)

	MoH	Non-MoH	Private	Total	Profession: Population
Doctors ^a	40,230 ¹	3,118 ²	14,483 ³	57,831	1 : 554
Dentists ⁴	5,097	639	2,862	8,598	1 : 3,728
Pharmacists ⁵	6,409	190	4,960	11,559	1 : 2,773
Opticians ⁶	n.a	n.a	2,491	2,491	1 : 12,866
Optometrists ⁶	293	52	1,089	1,434	1 : 22,350
Assistant Medical Officers	13,904 ¹	523 ⁷	2,847 ⁷	17,274	1 : 1,855
Nurses	65,709 ¹	5,771 ⁸	34,809 ⁹	106,289	1 : 302
Pharmacy Assistant	4,107 ¹	416 ⁵	1,484 ⁵	6,007	1 : 5,335
Assistant Environmental Health Officers	4,985 ¹	n.a	n.a	4,985	1 : 6,464
Medical Laboratory Technologists	6,345 ¹	n.a	n.a	6,345	1 : 5,051

*Note: n.a: not available
 a Includes House Officers
 b Refers to registration of local and foreign practitioners*

Health Human Resources, 2017 (as of 31 December)

	MoH	Non-MoH	Private	Total	Profession: Population
Occupational Therapists	1,157 ¹	n.a	n.a	1,157	1 : 27,701
Physiotherapists	1,428 ¹	n.a	n.a	1,428	1 : 22,444
Radiographers (Diagnostic & Therapists)	2,851 ¹	n.a	n.a	2,851	1 : 11,242
Dental Nurse	2,860 ¹	55 ⁹	n.a	2,915	1 : 3,433
Community Nurse	23,495 ¹	276 ⁸	742 ⁸	24,513	1 : 1,307
Dental Technologists	952 ¹	108 ⁹	857 ⁹	1,917	1 : 16,719
Dental Surgery Assistants	3,854 ¹	343 ⁹	74 ⁹	4,271	1 : 7,504
Traditional & Complementary Medicine Practitioners ^b	n.a	n.a	n.a	16,050 ¹⁰	1 : 1,997

*Sources:
 1 Human Resources Division, MoH
 2 Multiple sources (eg. JPA-HRMIS, Ministry of Education, MinDef and other agencies)
 3 Malaysian Medical Council
 4 Malaysian Dental Council
 5 Pharmaceutical Services Division, MoH
 6 Malaysian Optical Council
 7 Medical Assistant Board
 8 Malaysian Nursing Board
 9 Oral Health Division, MoH
 10 Traditional & Complementary Medicine Division, MoH*

Health Human Resources, 2017 (as of 31 December)

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- Ministry of Health		
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- 1 Malaysia Clinics	342	-
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