Admissions and Outpatient Attendances, 2016

Government

Hospitals

Ministry of Health

Admissions¹

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

Outpatient Attendances

Special Medical Institutions	326,665
Public Health Facilities ²	40,154,008

Day Care Attendances

Medical Rehabilitation (Hearing)

1,420,174 Hospitals³

Clinical Support Service Attendances

Medical Rehabilitation (Speech)⁵	63,022
Medical Social Services ⁶	98,378
Dietetic ⁷	270,738

529,054

Medical Rehabilitation (Occupational Therapy)8

Medical Rehabilitation (Physiotherapy)9 **Dental Health Attendances**

Dental Clinics

Admissions and Outpatient Attendances, 2016

Ministry of Health

Maternal & Child Health Attendances

Ante-natal Attendances	6,003,606	5.	Injury, pois
Post-natal Attendances	531,019		conseque
Child Attendances	8,783,819	6.	Diseases o
Crilia Arieriaariees	0,700,017	7.	Diseases o

Non Ministry of Health Hospitals

Admissions	159,699	10. Facto
Outpatient Attendances	2,280,320	cont

Private Hospitals¹¹

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

¹Based on 98.58% response rate. ²Based on 99,28% response rate.

³Based on 88.67% response rate.

5Based on 95.50% response rate.

⁴Based on 95,00% response rate

⁶Based on 91.78% response rate.

⁷Based on 93.69% response rate.

⁸Based on 85.14% response rate.

⁹Based on 91.81% response rate.

¹⁰Based on 93.04% response rate, Includes Private Hospitals, Private Maternity Homes Private Nursina Homes and Private Hospice.

Ten Principal Causes of Hospitalisation in MoH, 2016

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

Ten Principal Causes of Death* in MoH Hospitals, 2016

1.	Diseases of the circulatory system	22.62%	1.	Neoplasms	26.71%
2.	Diseases of the respiratory system	21.65%	2.	Diseases of the circulatory system	26.43%
3.	Certain infectious and parasitic diseases	13.30%	3.	Diseases of the respiratory system	13.80%
4.	Neoplasms	12.61%	4.	Certain infectious and parasitic diseases	13.36%
5.	Diseases of the genitourinary system	4.65%	5.	Diseases of the genitourinary system	4.19%
6.	Diseases of the digestive system	4.56%	6.	Diseases of the digestive system	4.09%
7.	External causes of morbidity and mortality	4.50%	7.	Symptoms, signs and abnormal clinical and	2.92%
8.	Certain conditions originating in the	2.56%		laboratory findings, not elsewhere classified	
	perinatal period		8.	Injury, poisoning and certain other	1.67%
9.	Endocrine, nutritional and metabolic diseases	2.39%		consequences of external causes	
10	Disease of the nervous system	1.65%	9.	Endocrine, nutritional and metabolic diseases	1.25%

Note: Based on 3 digit code grouping ICD10.

P Preliminary

* Based on underlying causes of death.

Note: Based on 3 digit code grouping ICD10. * Based on immediate causes of death.

Ten Principal Causes of Hospitalisation in Private Hospitals, 2016

ases of the respiratory system	15.93%	1.	Pregnancy, childbirth and the puerperium	18
tain infectious and parasitic diseases	14.57%	2.	Diseases of the respiratory system	13
nancy, childbirth and the puerperium	9.90%	3.	Certain infectious and parasitic diseases	10
ases of the digestive system	9.56%	4.	Injury, poisoning and certain other	
y, poisoning and certain other	7.51%		consequences of external causes	
sequences of external causes		5.	Diseases of the circulatory system	
ases of the circulatory system	7.32%	6.	Certain conditions originating in the	
ases of the genitourinary system	6.92%		perinatal period	
ases of the musculoskeletal system	5.92%	7.	Diseases of the digestive system	
connective tissue		8.	Diseases of the genitourinary system	
plasms	4.24%	9.	Neoplasms	
tors influencing health status and tact with health services	3.81%	10.	Factors influencing health status and contact with health services	

Ten Principal Causes of Hospitalisation in MoH & Private Hospitals, 2016

ancy, chilabirin and the puerpetium	18.90%	
ses of the respiratory system	13.78%	Communical
in infectious and parasitic diseases	10.55%	Diseases
poisoning and certain other	7.61%	Diseases
equences of external causes		Food and Wate
ses of the circulatory system	7.44%	Cholera
in conditions originating in the	6.49%	
atal period		Dysentery
ses of the digestive system	6.14%	Food Poisoning
ses of the genitourinary system	5.11%	Hepatitis A
lasms	4.19%	
rs influencing health status and	3.42%	Typhoid
act with health services		Vector Borne D

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

Communicable Diseases	Incidence Rate	Mortality Rate
Food and Water Borne D	Diseases	
Cholera	0.54	_

ector Borne Diseases

Dengue

Diphtheria

Hepatitis B

Neonatal Tetanus

Other Tetanus

Measles

Dengue	318.13	-	Hand, Foot & Mouth Diseases
Dengue Haemorrhagic Fever	2.01	0.75	Hepatitis C
Malaria	7.27	0.01	HIV
Plague	-	_	Leprosy
Typhus	0.00	-	Leptospirosis
Yellow Fever	-	-	Other Specified Viral Hepatitis
Vaccine Preventable Diseases			Rabies
Acute Poliomyelitis	-	-	Relapsing Fever

0.10

12.29

5.01

0.01

0.05

0.94

55.21

0.57

Viral Encephalitis ¹Per 1,000 live births (2015)

Tuberculosis

(-) No case

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

Communicable Diseases	Incidence Rate	Mortality Rate
Sexually Transmitted Diseases		
Chancroid	0.00	_

Other Infectious Diseases

Gonorrhea 9.12 6.50 Syphilis MMR Immunisation Coverage of

3.86

8.35

10.73

0.65

16.69

0.08

81.30 6.14

0.16 0.01

Hepatitis B Immunisation Coverage of Infants (3rd Dose) 2 (P)

Denominator: Live births from TBIS (Tuberculosis Information System)

Source: Department of Public Health, MoH

Childhood Immunisation Coverage, 2016 B.C.G. Immunisation Coverage

	DPT – HIB Immunisation Coverage of Infants (3rd Dose) ^{2 (P)}	97.
_	5 "	

97.97% Polio Immunisation Coverage of Infants (3rd Dose) 2 (P. 94.37%

Children Aged 1 to $< 2 \text{ years}^{3 (P)}$

HPV Immunisation Coverage

of Girls Aged 13 years (2nd Dose) 4 (P)

²Denominator: Live births (2015) from Department of Statistics, Malaysia.

³Denominator: Population aged 1 to < 2 years

⁴Denominator: Female population aged 13 years

Environmental Health for Rural Area, 2016

98.26%	Percentage of Houses Served with Clean Water Supply	95.87%
97.97%	Percentage of Houses Served with Sanitary Latrines	96.04%
97.97%	Percentage of Houses Served with Sullage Disposal	67.36%
OA 37%	Percentage of Houses Served with Solid Waste Disposal	71.84%

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



HEALTH FACTS

(Reference data for 2016)

MINISTRY OF HEALTH MALAYSIA **Planning Division**

Health Informatics Centre MOH/S/RAN/47,17(AR) (NOVEMBER 2017)









perinatal period

Ten Principal Causes of Death* in

10. Certain conditions originating in the

Private Hospitals, 2016





Note: Based on 3 digit code grouping ICD10.







Source: Disease Control Division, MoH









Land Area

330,713 sa. km

Source: Department of Survey & Mapping, Malaysia

Population and	2016			2015		2014			- Operating	
Vital Statistics	Total	Male	Female	Total	Male	Female	Total	Male	Female	- Development
Total Population ^(a) ('000)	31,660.7	16,362.5	15,298.2	31,186.1	16,112.1	15,074.0	30,708.5	15,867.8	14,840.7	
Population Density (per sq.km)		95.7			94.3			92.9		Per Capita Income' (current prices)
Population by Age Group: (a) (number & percentage) • Below 15 years (*000)	7,763.3 (24.5%)	3,999.5 (24.4%)	3,763.8 (24.6%)	7,775.8 (24.9%)	4,002.1 (24.8%)	3,773.7 (25.0%)	7,773.6 (25.3%)	4,000.8 (25.3%)	3,772.8 (25.4%)	Percentage of Total MoH Allocation to National Budget
• 15 – 64 years ('000)	21,983.3 (69.4%)	11,436.0 (69.9%)	10,547.3 (68.9%)	21,589.0 (69.3%)	11,228.2 (69.7%)	10,360.8 (68.8%)	21,200.8 (69.0%)	11,028.0 (69.4%)	10,172.8 (68.6%)	
• 65 years & above ('000)	1,914.1 (6.1%)	927.1 (5.7%)	987.0 (6.5%)	1,821.4 (5.8%)	881.8 (5.5%)	939.6 (6.2%)	1,734.1 (5.7%)	838.9 (5.3%)	895.2 (6.0%)	Sources: Estimated Federal Budget 20 ¹ Economic Report 2016/201
Annual Population Growth Rate (%)	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.6	
Crude Birth Rate (per 1,000 population)	16.1	16.1	16.1	16.7	16.7	16.7	17.2	17.2	17.2	National Health
Crude Death Rate (per 1,000 population)	5.1	5.7	4.5	5.0	5.6	4.4	4.9	5.5	4.3	
Stillbirth Rate (per 1,000 births)	5.2	5.2	5.2	4.4	4.7	4.1	4.3	4.6	3.9	Indicator
Perinatal Mortality Rate (per 1,000 births)	8.3	8.5	8.1	7.7	8.3	7.1	7.4	8.1	6.6	indicator
Neonatal Mortality Rate (per 1,000 live births)	4.2	4.4	3.9	4.3	4.7	3.9	4.2	4.6	3.7	Total Expenditure on
Infant Mortality Rate (per 1,000 live births)	6.7	7.1	6.2	6.9	7.3	6.4	6.7	7.3	6.1	Health (Public & Private)
Toddler Mortality Rate (per 1,000 population aged 1 – 4 years)	0.4	0.4	0.3	0.4	0.4	0.3	0.4	0.4	0.4	Total Expenditure on
Under – 5 Mortality Rate (per 1,000 live births)	8.1	8.6	7.6	8.4	9.0	7.7	8.3	8.9	7.6	Health as a Percentage of GDP
Maternal Mortality Ratio (per 100,000 live births)	29.1	:	29.1	23.8	:	23.8	22.3	:	22.3	
Life Expectancy at Birth (in years)	74.7 ^p	72.5 ^p	77.2 ^p	74.6	72.5	77.1	74.5	72.4	77.0	Public Expenditure as a
Distribution of Live Births by Birthweight (%): • under 2.5 kg • 2.5 kg and over	11.41 88.45	10.45 89.40	12.43 87.43	11.53 88.31	10.55 89.28	12.58 87.27	11.20 88.62	10.27 89.55	12.18 87.63	Percentage of Total Expenditure on Health
unknown	0.14	0.15	0.14	0.16	0.17	0.15	0.18	0.18	0.19	Final Figure. The change is due to

The added total differ due to rounding.

^(p) Preliminary data

Source: Department of Statistics, Malaysia

Financial Allocation, 2017 Healthcare Facilities, 2016 (as of 31 December) Total MoH Allocation RM24,800,986,200

Covernment

- Flying Doctor Services

Governmen	RM23,462,797,400					
Ministry o	RM1,338,188,800					
Hospitals	RM39,699 (forecast)					
Special N	9.44%					
- Hospitals						
- Special						

urces: Estimated Federal Budget 2017, Ministry of Finance ¹Economic Report 2016/2017, Ministry of Finance

ational Health Accounts

Indicator	2014	2015
Total Expenditure on Health (Public & Private) (In million)	RM49,193 ¹ (RM50,278) ²	RM52,609
Total Expenditure on Health as a Percentage of GDP	4.45% ¹ (4.54%) ²	4.55%
Public Expenditure as a Percentage of Total	53.15% ¹ (52.43%) ²	51.47%

Final Figure. The change is due to review of methodology 2 Data published in Health Facts 2016

Ministry of Health	NO.	OFFICIAL BEDS	Ministry of Health
Hospitals and Special Medical Institutions	144	41,995	Dental Clinics
special Medical Institutions			 Standalone Dental Clinics
- Hospitals	135	37,293	- Dental Clinics in Health
- Special Medical Institutions ¹	9	4,702	Clinics ¹
			- Dental Clinics in Hospitals
	NO.	TEAMS	 Dental Clinics in Other Institutes
Health Clinics			- School Dental Clinics ²
- Health Clinics ²	1,060	-	- Mobile Dental Clinics ²
- Community Clinics (Klinik Desa)	1,803	-	Dental Mobile Teams
- Mobile Health Clinics (Teams)	-	204	- Pre-School- Primary & Secondary School

refers to Rehabilitation Hospital (1), Women & Children Hospital (1), National Leprosy Control Centre (1), Institute of Respiratory Medicine (1), National Cancer Institute 2 Includes Dental Clinics in primary and secondary school (1) and Pyschiatric Institutions (4)

Healthcare Facilities, 2016 (as of 31 December)

f Health	NO.	DENTAL	1Malaysia Clinics
	CHAIRS		- 1 Malaysia Clinics
inics			- 1 Majaysia Mobile (
ne Dental Clinics	56	503	(Bus)
linics in Health	587	1,486	- 1 Malaysia Mobile ((Boat)
linics in Hospitals	67	376	
linics in Other	19	18	
ental Clinics ² ental Clinics ² bbile Teams	925 35	813 55	 1 Malaysia Dental C 1 Malaysia Dental C 1 Malaysia Mobile I Clinics (Bus) 1 Malaysia Mobile I
ol	136		Clinics (Boat)

Includes Dental Clinics in Maternal & Child Health Clinics

- Elderly/Special Children

Healthcare Facilities, 2016 (as of 31 December)

Government (contd.)

NO.	TEAMS
357	-
7	12
4	8
NO.	DENTAL CHAIRS
18	34
18 3	34 4
	357 7 4

Non Ministry

Hospitals^b

Healthcare Facilities, 2016 (as of 31 December)

Private

MS	Licensed	NO.	OFFICIAL BEDS
12	Hospitals	187	13,957
12	Maternity Homes	10	30
8	Nursing Homes	17	615
AI	Hospice	2	17
AL RS	Ambulatory Care Centre	73	131
 34	Blood Bank	4	25 ¹
4	Haemodialysis Centre	423	4,529 ²
1°	Community Mental Health Center	1	-
O ^a	Combined Facilities ³	2	73/29 ²
	Registered		

Medical Clinics

of Health	NO.	OFFICIAL	- Wedical Clinics
		BEDS	Dental Clinics
	9	3.683	Refers to Banks/Tanks

Laboratary

Technologists

7,335

1,992

	МоН	Non MoH	Private		Profession: Population	
Doctors ^a	36,403 ¹	n.a.	13,684 ²	50,087	1:632	Occupatior Therapists
Dentists ³	3,998	593	2,595	7,186	1:4,406	
Pharmacists ⁴	6,303	196	4,009	10,508	1:3,013	Physiothera
Opticians ⁵	-	-	3,259	3,259	1:9,715	Radiograph (Diagnostic
Optometrists ⁵	287	58	1,456	1,801	1: 17,580	Therapists)
Assistant	12,812 ¹	896 ⁶	1,8946	15,602	1: 2,029	Dental Nurs
Medical Officers						Community Nurses
Nurses	65,227 ¹	6,798 ⁷	30,539 ⁷	102,564	1:309	 Dental
Pharmacy Assistants	4,101 ¹	3424	1,2294	5,672	-	Technologis
Assistant Environmental	4,616 ¹	n.a.	n.a.	4,616	-	Dental Surgery Assistants
Health Officers						Traditional 8
Medical	6,329 ¹	n.a.	n.a.	6,329	-	Compleme Medicine

Refers to dialysis chairs 3 Combination of Ambulatory Care and Haemodialysis Centre

Health Human Resources, 2016 (as of 31 December)

	МоН	Non MoH	Private		Profession: Population	
Doctors ^o	36,403 ¹	n.a.	13,684 ²	50,087	1:632	Occupation
Dentists ³	3,998	593	2,595	7,186	1:4,406	Therapists
Pharmacists ⁴	6,303	196	4,009	10,508	1:3,013	Physiothera
Opticians ⁵	-	-	3,259	3,259	1:9,715	Radiograp (Diagnostic
Optometrists ⁵	287	58	1,456	1,801	1: 17,580	Therapists)
Assistant	12,812 ¹	896 ⁶	1,8946	15,602	1:2,029	Dental Nur
Medical Officers						Communit Nurses
Nurses	65,227 ¹	6,798 ⁷	30,539 ⁷	102,564	1:309	Dental
Pharmacy Assistants	4,101 ¹	3424	1,2294	5,672	-	Technolog
Assistant Environmental Health	4,616 ¹	n.a.	n.a.	4,616	-	Dental Surgery Assistants
Officers						Traditional Complem
Madical	Y 330]	n a	n a	6 3 2 0		A 4 10 1

Health Human Resources, 2016 (as of 31 December)

	МоН	Non- MoH	Private	Total	Profession: Population
Occupational Therapists	1,073 ¹	n.a.	n.a.	1,073	-
Physiotherapists	1,373 ¹	n.a.	n.a.	1,373	-
Radiographers (Diagnostic & Therapists)	2,8261	n.a.	n.a.	2,826	-
Dental Nurses	2,785 ¹	60 ⁸	-	2,845	-
Community Nurses	24,510 ¹	214 ⁷	416 ⁷	25,140	-
Dental Technologists	923 ¹	119 ⁸	813 ⁸	1,855	-
Dental Surgery Assistants	3,783 ¹	3418	53 ⁸	4,177	-
Traditional & Complementa	- ry	-	-	17,973 ⁹	-

Practitioners^b

Health Human Resources, 2016 (as of 31 December)

Includes House Officers

1 Human Resources Division, MoH

4 Pharmaceutical Services Division, MoH

8 Oral Health Division, MoH

7 Malaysian Nursing Board

9 Traditional & Complementary Medicine Division, MoH

Note:

n.a: not available

b refers to registration of local and foreign practitioners

not applicable

Sources:

² Malaysian Medical Council

3 Malaysian Dental Council

5 Malaysian Optical Council

6 Medical Assistant Board

^a 2014-2016: Current Population Estimates 2014 (Final), 2015 (Final) and 2016 (Estimates).

: Not applicable







Source: Database MNHA 1997 - 2015, MNHA Section, Planning Division, MoH

² Health Clinics include Maternal & Child Health Clinics

a Refers to portable dental chairs.

a Refers to portable dental chairs.

b Refers to 5 Army Hospitals and 4 University Hospitals.

Source: Medical Practice Division, MoH