



MINISTRY OF HEALTH MALAYSIA



# HEALTH FACTS 2024

Reference Data for Year 2023

Health Informatics Centre  
Planning Division  
(October 2024)

## LAND AREA, POPULATION AND VITAL STATISTICS

### Land Area: Malaysia - 330,119.64 sq. km

Source: Department of Survey & Mapping, Malaysia

Population and Vital Statistics	2021 <sup>1</sup>			2022 <sup>1</sup>			2023		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Total Population ('000)	17,000.3	15,576.0	32,576.3	17,039.7	15,575.8	32,698.1	17,472.3	15,929.5	33,401.8
Total Population Density (per sq. km)	-	-	99	-	-	99	-	-	101
Population by Age Group: (number & percentage)									
Below 15 years ('000)	3,960.4 (23.3%)	3,724.4 (23.9%)	7,684.8 (23.6%)	3,905.6 (22.9%)	3,674.1 (23.5%)	7,579.7 (23.2%)	3,899.8 (22.7%)	3,669.4 (22.3%)	7,569.2 (23.0%)
15-64 years ('000)	11,928.5 (70.2%)	10,672.8 (68.5%)	22,601.3 (69.4%)	11,989.7 (70.4%)	10,765.0 (68.7%)	22,754.7 (69.6%)	12,370.6 (69.9%)	10,976.8 (70.8%)	23,347.4 (68.9%)
65 years & above ('000)	1,111.4 (6.5%)	1,178.8 (7.6%)	2,290.2 (7.0%)	1,144.3 (6.7%)	1,219.4 (7.8%)	2,363.7 (7.2%)	1,201.9 (7.4%)	1,283.3 (6.9%)	2,485.2 (8.1%)
Annual Population Growth Rate (%)	0.2	0.6	0.4	0.2	0.5	0.4	2.5	1.7	2.1
Crude Birth Rate (per 1,000 population)	13.3	13.7	13.5	12.8	13.1	12.9	13.5	13.8	13.6
Crude Death Rate (per 1,000 population)	7.5	6.2	6.9	6.9	5.7	6.3	6.4	5.3	5.9
Stillbirth Rate (per 1,000 births)	5.3	4.8	5.0	5.4	4.6	5.0	5.0	4.5	4.8
Perinatal Mortality Rate (per 1,000 births)	8.7	7.6	8.2	8.9	7.4	8.2	8.5	7.2	7.9
Neonatal Mortality Rate (per 1,000 live births)	4.4	3.8	4.1	4.7	3.7	4.2	4.7	3.7	4.3
Infant Mortality Rate (per 1,000 live births)	6.4	5.8	6.1	7.4	6.1	6.8	7.4	6	6.7
Toddler Mortality Rate (per 1,000 population aged 1-4 years)	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.4
Under-5 Mortality Rate (per 1,000 live births)	7.7	7.0	7.4	9.4	7.8	8.6	9.1	7.3	8.3
Maternal Mortality Ratio (per 100,000 live births)	-	68.2	-	-	26.0	-	-	25.7	-
Life Expectancy at Birth (in years)	71.8	76.5	74.0	71.5	76.4	73.8	71.8 <sup>p</sup>	76.6 <sup>p</sup>	74.0 <sup>p</sup>
Distribution Live Births by Birth Weight (%):									
Under 2.5 kg	11.1	13.4	12.2	11.8	14.1	12.9	12.0	14.6	13.3
2.5 kg & over	88.9	86.6	87.8	88.1	85.8	87.0	87.8	85.2	86.6
Unknown	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1

#### Notes:

<sup>1</sup> Revised data for population, deaths and life expectancy only

<sup>p</sup> Preliminary

- Not applicable

The added total may differ due to rounding

Source: Department of Statistics, Malaysia

## Financial Allocation, 2024

Total Allocation for Ministry of Health (MOH) <sup>1</sup>	RM41,217,816,500
Operating	RM35,150,181,800
Development	RM6,067,634,700
Percentage of Total MOH Allocation to National Budget	10.41%
Per Capita Income <sup>2</sup> (current prices)	RM56,920

### Sources:

<sup>1</sup> *Anggaran Perbelanjaan Persekutuan 2024, Ministry of Finance*

<sup>2</sup> *Economic Outlook 2024, Ministry of Finance*

## National Health Accounts

Indicator	2020	2021	2022
Total Expenditure on Health (Public & Private) (In Million)	RM67,051	RM77,703	RM78,945
Total Expenditure on Health as a Percentage of GDP	4.73%	5.02%	4.41%
Public Expenditure as a Percentage of Total Expenditure on Health	54.59%	57.66%	52.26%

### Source:

*MNHA Database 1997-2022, MNHA Section, Planning Division, MOH*

# Healthcare Facilities, 2023

## Government

### Ministry of Health

	Number	Official Bed
<b>Hospital and Special Medical Institution</b>	<b>149</b>	<b>45,964</b>
Hospital	138	40,348
Special Medical Institution <sup>1</sup>	11	5,616

	Number
<b>Health Clinic</b>	<b>3,114</b>
Health Clinic	1,095
Rural Clinic ( <i>Klinik Desa</i> )	1,716
Maternal and Child Health Clinic	80
Community Clinic	223

#### Notes:

<sup>1</sup> Refers to Institute of Respiratory Medicine, National Cancer Institute, National Leprosy Control Centre, Psychiatric Institutions (4), Rehabilitation Hospital, Sarawak Heart Centre and Women & Children Hospital (2)

Data as of 31 December 2023

## Healthcare Facilities, 2023

### Government (cont'd)

	Number	Dental Chair
<b>Dental Clinics</b>		
Standalone Dental Clinic	63	343
Dental Clinic in Health Clinic <sup>1</sup>	600	1,668
Dental Clinic in Hospital	79	416
Dental Clinic in Other Institutes	20	171
School Dental Clinic <sup>2</sup>	907	571
Mobile Dental Clinic	41	61
<b>Mobile Dental Teams</b>		
Preschool	138	} 1,815 <sup>3</sup>
Primary and Secondary School	520	
Elderly and Special Children	4	

**Notes:**

<sup>1</sup> Includes Dental Clinics in Maternal & Child Health Clinics

<sup>2</sup> Includes Dental Clinics in primary and secondary school

<sup>3</sup> Refers to portable chairs

Data as of 31 December 2023

## Healthcare Facilities, 2023

### Government (cont'd)

Mobile Clinic/Team	Number	Team
Mobile Health Clinic Team	–	229
Flying Doctor Service Team	5 <sup>1</sup>	8
Mobile Clinic (Bus)	6	10
Mobile Clinic (Boat)	4	8

Community Dental Clinic	Number	Dental Chair
Community Dental Clinic in UTC	22	42
Community Dental Clinic in RTC	4	6
Dental Clinic in Community Clinic	1	1

### Non Ministry of Health

	Number	Official Bed
Army Hospital	5	652
University Hospital	7	4,484

**Notes:**

<sup>1</sup> Refers to number of helicopter

UTC – Urban Transformation Centre

RTC – Rural Transformation Centre

Data as of 31 December 2023

# Healthcare Facilities, 2023

## Private

Licensed	Number	Official Bed
Hospital	212	18,779
Maternity Home	19	59
Nursing Home	18	651
Hospice	23	97
Ambulatory Care Centre	180	486
Blood Bank	5	28 <sup>1</sup>
Haemodialysis Centre	715	8,085 <sup>2</sup>
Community Mental Health Centre	2	0
Ambulatory Care Centre Incorporating Private Haemodialysis Centre	2	16/3/30 <sup>3</sup>

Registered	Number
Medical Clinic	10,495
Dental Clinic	3,876

**Notes:**

<sup>1</sup> Refers to number of blood storage tanks

<sup>2</sup> Refers to dialysis chairs

<sup>3</sup> Refers to bed/dialysis bed/dialysis chairs

**Source:**

Medical Practice Division, MOH

## Health Human Resources, 2023

	MOH	Non-MOH	Private	Total	Profession: Population <sup>3</sup>
<b>Registered Doctor</b>				82,227	1:406
Annual Practicing Certificate <sup>1</sup>	47,012	7,907	16,455	71,374	
Full Registration (new) <sup>1</sup>	..	..	..	4,316	
House Officer <sup>2,3</sup>	6,500	37	..	6,537	
<b>Dental Practitioner<sup>4</sup></b>	7,126	923	6,206	14,255	1:2,343
<b>Pharmacist<sup>5</sup></b>				20,545	1:1,626
Annual Certificate	11,728	402	7,375	19,505	
Full Registration (new)	..	..	..	1,040	
Registered Nurse	70,240 <sup>2</sup>	7,923 <sup>6</sup>	40,146 <sup>6</sup>	118,309	1:282
Community Nurse	19,330 <sup>2</sup>	194 <sup>6</sup>	303 <sup>6</sup>	19,827	1:1,685
Assistant Medical Officer	19,601 <sup>2</sup>	805 <sup>7</sup>	4,776 <sup>7</sup>	25,182	1:1,326
Assistant Pharmacy Officer	4,520 <sup>2</sup>	451 <sup>5</sup>	1,646 <sup>5</sup>	6,617	1:5,048
Dental Therapist	2,866 <sup>2</sup>	85 <sup>8</sup>	5 <sup>8</sup>	2,956	1:3,097 <sup>b</sup>
Dental Technologist <sup>2</sup>	1,126	..	..	1,126	1:29,664
Dental Surgery Assistant <sup>2</sup>	4,771	..	..	4,771	1:7,001

### Notes:

.. Not obtained

<sup>a</sup> Mid-Year Population Estimates based on the Population and Housing Census of Malaysia 2020

<sup>b</sup> Ratio to mid-year population estimates of under 18 years old (0 to 17 years old)

Data as of 31 December 2023

### Sources:

<sup>1</sup> Malaysian Medical Council

<sup>2</sup> Human Resources Division, MOH

<sup>3</sup> Ministry of Defence Malaysia (MINDEF)

<sup>4</sup> Malaysian Dental Council

<sup>5</sup> Pharmacy Board Malaysia

<sup>6</sup> Malaysian Nursing Board

<sup>7</sup> Malaysian Medical Assistant Board

<sup>8</sup> Malaysian Dental Therapist Board



## Health Human Resources, 2023

	MOH	Non-MOH	Private	Total	Profession: Population <sup>3</sup>
Registered Optometrist <sup>9</sup>				2,624	1:12,729
Annual Practicing Certificate	323	86	2,048	2,457	
New Registration	..	..	..	167	
Registered Optician <sup>9</sup>				2,458	1:13,589
Annual Practicing Certificate	..	..	2,438	2,438	
New Registration	..	..	..	20	
Environmental Health Officer <sup>2</sup>	285	..	..	285	1:117,199
Assistant Environmental Health Officer <sup>2</sup>	5,927	..	..	5,927	1:5,636
Medical Laboratory Technologist <sup>2</sup>	7,857	..	..	7,857	1:4,251
Radiographer <sup>2</sup>	3,535	..	..	3,535	1:9,449
Occupational Therapist <sup>2</sup>	1,488	..	..	1,488	1:22,447
Physiotherapist <sup>2</sup>	1,686	..	..	1,686	1:19,811
Registered Traditional & Complementary Medicine Practitioner <sup>10, c</sup>	..	..	6,864	6,864	1:4,866

### Notes:

.. Not obtained

<sup>a</sup> Mid-Year Population Estimates based on the Population and Housing Census of Malaysia 2020

<sup>c</sup> The current data reflects actual figures of practitioners (local & foreign) registered with the T&CM Council since 15 March 2021. Currently, all registered local and foreign T&CM practitioners are employed by the private sector, including

practitioners in T&CM Units in Government Hospitals who are hired on contract basis from private companies

Data as of 31 December 2023

### Sources:

<sup>2</sup> Human Resources Division, MOH

<sup>9</sup> Malaysian Optical Council

<sup>10</sup> Traditional & Complementary Medicine Division, MOH

# Admissions and Outpatient Attendances, 2023

## Government

### Ministry of Health

	2022	2023 <sup>p</sup>
<b>Admission<sup>1</sup></b>		
Hospital	2,419,308	2,613,161
Special Medical Institution <sup>a</sup>	119,497	131,520
<b>Day Care Attendance<sup>2</sup></b>		
Hospital	1,757,024	1,792,748
Special Medical Institution <sup>a</sup>	74,006	70,791

	2023
<b>Outpatient Attendance</b>	
Hospital <sup>3</sup>	18,956,999
Special Medical Institution <sup>3,a</sup>	647,578
Public Health Facility <sup>4</sup>	43,944,325
<b>Dental Health Services Attendance</b>	
Dental Clinic	13,175,707

	2023	
<b>Clinical Support Services Attendance</b>		
	Manual Submission	MyHDW Submission
Medical Rehabilitation (Physiotherapy) <sup>5</sup>	2,553,878	2,410,336
Medical Rehabilitation (Occupational Therapy) <sup>6</sup>	1,206,500	1,036,800
Medical Rehabilitation (Hearing) <sup>7</sup>	200,570	121,312
Medical Rehabilitation (Speech) <sup>8</sup>	124,176	104,084
Medical Social Service <sup>9</sup>	140,267	104,658
Dietetic <sup>10</sup>	513,117	447,844

# Admissions and Outpatient Attendances, 2023

## Government (cont'd)

### Ministry of Health

Maternal and Child Health Services Attendance	
Antenatal Attendance	5,765,379
Postnatal Attendance	455,358
Child Attendance	9,580,855

  

Non Ministry of Health Hospital	
Admission	182,639
Outpatient Attendance	2,879,666

### Private Hospital<sup>11</sup>

Admission	1,362,564
Outpatient Attendance	4,062,272

#### Notes:

<sup>p</sup> Preliminary

<sup>a</sup> Refers to Institute of Respiratory Medicine, National Cancer Institute, National Leprosy Control Centre, Psychiatric Institutions (4), Rehabilitation Hospital, Sarawak Heart Centre and Women & Children Hospital (2)

<sup>1</sup> Based on 100% submission rate

<sup>2</sup> Based on 91.19% submission rate

<sup>3</sup> Based on 100% response rate

<sup>4</sup> Based on 100% response rate

<sup>5</sup> Based on 94.38% submission rate

<sup>6</sup> Based on 85.93% submission rate

<sup>7</sup> Based on 60.48% submission rate

<sup>8</sup> Based on 83.82% submission rate

<sup>9</sup> Based on 74.61% submission rate

<sup>10</sup> Based on 87.28% submission rate

<sup>11</sup> Based on 86.04% response rate. Includes Private Hospitals, Private Maternity Homes, Private Nursing Homes and Private Hospice

## Ten Principal Causes of Hospitalisation in MOH Hospital, 2023

1.	Pregnancy, childbirth and the puerperium	19.19%
2.	Diseases of the respiratory system	15.30%
3.	Certain conditions originating in the perinatal period	9.48%
4.	Diseases of the circulatory system	8.83%
5.	Certain infectious and parasitic diseases	7.70%
6.	Injury, poisoning and certain other consequences of external causes	6.76%
7.	Neoplasms	5.04%
8.	Diseases of the digestive system	4.69%
9.	Diseases of the genitourinary system	3.95%
10.	Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified	3.34%

## Ten Principal Causes of Deaths<sup>1</sup> in MOH Hospital, 2023

1.	Diseases of the circulatory system	21.49%
2.	Diseases of the respiratory system	20.78%
3.	Certain infectious and parasitic diseases	11.47%
4.	Neoplasms	10.75%
5.	Diseases of the genitourinary system	5.35%
6.	Endocrine, nutritional and metabolic diseases	4.86%
7.	Diseases of the digestive system	4.49%
8.	External causes of morbidity and mortality	3.86%
9.	Diseases of the nervous system	1.99%
10.	Certain conditions originating in the perinatal period	1.93%

**Note:**

<sup>1</sup> Based on underlying causes of deaths

## Ten Principal Causes of Hospitalisation in Private Hospital, 2023

1.	Diseases of the respiratory system	19.74%
2.	Certain infectious and parasitic diseases	13.22%
3.	Diseases of the digestive system	10.02%
4.	Diseases of the circulatory system	7.55%
5.	Injury, poisoning and certain other consequences of external causes	7.33%
6.	Diseases of the musculoskeletal system and connective tissue	6.75%
7.	Diseases of the genitourinary system	6.49%
8.	Pregnancy, childbirth and the puerperium	5.99%
9.	Neoplasms	4.53%
10.	Factors influencing health status and contact with health services	4.35%

## Ten Principal Causes of Deaths<sup>1</sup> in Private Hospital, 2023

1.	Neoplasms	31.95%
2.	Diseases of the circulatory system	22.71%
3.	Certain infectious and parasitic diseases	15.85%
4.	Diseases of the respiratory system	15.77%
5.	Diseases of the digestive system	3.43%
6.	Diseases of the genitourinary system	3.43%
7.	Injury, poisoning and certain other consequences of external causes	1.30%
8.	Disease of the nervous system	0.91%
9.	Endocrine, nutritional and metabolic diseases	0.72%
10.	Codes for special purposes <sup>2</sup>	0.58%

### Notes:

<sup>1</sup> Based on immediate causes of death

<sup>2</sup> Refers to severe acute respiratory syndrome (SARS), COVID-19 and bacterial agents resistant to antibiotics

## Ten Principal Causes of Hospitalisation in MOH & Private Hospital, 2023

1.	Diseases of the respiratory system	16.76%
2.	Pregnancy, childbirth and the puerperium	14.86%
3.	Certain infectious and parasitic diseases	9.51%
4.	Diseases of the circulatory system	8.41%
5.	Injury, poisoning and certain other consequences of external causes	6.95%
6.	Certain conditions originating in the perinatal period	6.75%
7.	Diseases of the digestive system	6.43%
8.	Neoplasms	4.87%
9.	Diseases of the genitourinary system	4.78%
10.	Diseases of the musculoskeletal system and connective tissue	3.28%

# Incidence Rate and Mortality Rate of Communicable Diseases, 2023

(per 100,000 population)

Communicable Diseases	Incidence Rate	Mortality Rate
<b>Food and Water Borne Diseases</b>		
Cholera	0.14	0
Dysentery	1.54	0
Food Poisoning	53.67	0
Typhoid and Paratyphoid	0.35	0
<b>Vaccine Preventable Disease</b>		
Diphtheria	0.04	0.02
Acute Poliomyelitis	0	0
Others Tetanus	0.09	0
Neonatal Tetanus	0.03	0
Pertussis	3.60	0.13
Measles	6.00	0
<b>Viral Hepatitis</b>		
Hepatitis A	0.46	0
Hepatitis B	22.47	0.28
Hepatitis C	14.28	0.23
Other Specified Viral Hepatitis	0.08	0
<b>Vector Borne Diseases</b>		
Chikungunya	0.59	0
Dengue Fever (including dengue haemorrhagic fever)	368.89	0.30
Malaria	10.87	0.05
Plague	0	0
Relapsing Fever	0	0
Typhus	0.07	0
Yellow Fever	0	0
Zika Virus Infections	0	0
Filariasis	0.69	0

Source:

Disease Control Division, MOH

## Incidence Rate and Mortality Rate of Communicable Diseases, 2023 (cont'd)

(per 100,000 population)

Communicable Diseases	Incidence Rate	Mortality Rate
<b>Tuberculosis/Leprosy</b>		
Tuberculosis	80.23	7.86
Leprosy	0.71	0
<b>Sexually Transmitted Infections</b>		
AIDS <sup>1</sup>	3.84	1.86
HIV <sup>1</sup>	9.65	0.78
Chancroid	0.01	0
Gonorrhoea	9.63	0
Syphilis	15.43	0.05
<b>Zoonosis</b>		
Avian Influenza	0	0
Ebola	0	0
HFMD	409.06	0
Leptospirosis	4.49	0.07
Rabies	0.06	0.06
Mpox	0.03	0
<b>Viral Encephalitis</b>		
All Viral Encephalitis	0.09	0.01
Nipah	0	0
Others Viral Encephalitis	0.05	0
Japanese Encephalitis	0.04	0
<b>Surveillance</b>		
MERS-Cov	0	0
COVID-19	608.04	1.32

### Notes:

<sup>1</sup> Notification rate

0.00 Less than half the smallest unit shown. For example, less than 0.005 per cent

### Source:

Disease Control Division, MOH



## Childhood Immunisation Coverage, 2023

B.C.G. Immunisation Coverage of Infants <sup>1</sup>	98.65%
DPT-HIB Immunisation Coverage of Infants (3 <sup>rd</sup> Dose) <sup>2, 3, p</sup>	107.71%
Polio Immunisation Coverage of Infants (3 <sup>rd</sup> Dose) <sup>2, 3, p</sup>	107.71%
MMR Immunisation Coverage of Children Aged 1 to < 2 years <sup>3</sup>	100.56%
Hepatitis B Immunisation Coverage of Infants (4 <sup>th</sup> Dose – Completed Dose) <sup>2, 3, p</sup>	107.68%

**Notes:**

<sup>1</sup> Tuberculosis Information System (TBIS), Disease Control Division, MOH

<sup>2</sup> Denominator: Live births (DOSM, 2022)

<sup>3</sup> Family Health Development Division, MOH

<sup>p</sup> Preliminary

## Environmental Health for Rural Area<sup>1</sup>, 2023

Percentage of Houses Served with Clean Water Supply	96.65%
Percentage of Houses Served with Sanitary Latrines	95.75%
Percentage of Houses Served with Sullage Disposal	69.95%
Percentage of Houses Served with Solid Waste Disposal	73.29%

**Note:**

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

**Source:**

Engineering Services Division, MOH