

HEALTH STATISTICS

Vital Statistics

Health Index	1988	1998	1999	2000	2001
Crude Birth Rate (per 1,000 population)					
- Urban	28.6	27.5	24.5	24.2	23.9
- Rural	30.5	29.1	27.1	26.4	26.3
Crude Death Rate (per 1,000 population)					
- Urban	8.9	8.2	6.0	6.3	6.2
- Rural	9.9	8.7	7.8	7.3	7.1
Infant Mortality Rate (per 1,000 live births)					
- Urban	47.0	47.2	55.1*	48.5	48.3
- Rural	49.8	48.7	62.5*	50.2	50.1
U5 Mortality Rate (per 1,000 live births)					
- Union	-	-	77.77*	-	-
- Urban	72.9**	72.2	65.12*	-	-
- Rural	-	-	85.16*	-	-
Maternal Mortality Ratio (per 1,000 live births)					
- Urban	1.0	1.0	1.8*	1.1	1.0
- Rural	1.9	1.8	2.8*	1.9	1.8
Population Growth Rate	1.96	1.84	2.02	2.02	2.02
Average Life Expectancy					
- Urban (Male)	59.0	60.8	61.0	61.1	61.5
(Female)	63.2	64.9	65.1	65.1	65.6
- Rural (Male)	56.2	60.2	60.3	60.4	60.8
(Female)	60.4	62.5	62.7	62.8	63.3

Source: Statistical Year Book, CSO.

* National Mortality Survey, 1999

** Review of the Financial, Economic and Social Conditions for 1997/1998,
Ministry of National Planning and Economic Development

Health Manpower Development

Health Manpower	1988-89	2001-02	2002-03	2003-04	2004-05*
Total No. of Doctors	12268	16000	16570	17081	17564
- Public	4377	5880	6180	6331	6473
- Co-operative & Private	7891	10120	10390	10750	11091
Dental Surgeon	857	1117	1227	1285	1365
- Public	328	473	517	543	580
- Co-operative & Private	529	644	710	742	785
Nurses	8349	14925	15502	16382	17864
Dental Nurses	96	103	109	123	158
Health Assistants	1238	1719	1728	1739	1767
Lady Health Visitors	1557	2431	2559	2679	1702
Midwives	8121	13037	14097	15130	16245
Health Supervisor (1)	487	525	529	529	529
Health Supervisor (2)	674	1094	1144	1199	1339
Traditional Medicine Practitioners	266	558	563	769	769

* Provisional actual

Health Facilities Development

Health Facilities	1988-89	2001-02	2002-03	2003-04	2004-05
Government Hospitals	631	753	780	790	824
Total No. of Hospital Beds	25309	31579	32770	33683	34654
No. of Dispensaries	247	400	417	417	442
No. of Primary and Secondary Health Centers	64	84	84	84	86
No. of Maternal and Child Health Centers	348	348	348	348	348
No. Rural Health Centers	1337	1404	1413	1424	1452
No. of School Health Teams	80	80	80	80	80
No. of Traditional Medicine Hospitals	2	10	12	14	14
No. of Traditional Medicine Clinics	99	213	213	237	237

Government Health Expenditure (2004-05)

Health Expenditure (Million Kyats)	
- Current	13716
- Capital	11136
Total	24852
Per Capita Health Expenditure (Kyats)	458

Leading Causes of Morbidity (2003)

Sr. No.	Causes	Percent
1.	Malaria	10.6
2.	Other injuries of specified, unspecified and multiple body regions	9.9
3.	Single spontaneous delivery	8.8
4.	Diarrhoea and gastroenteritis of presumed infectious origin	4.9
5.	Other complications of pregnancy and delivery	4.8
6.	Other pregnancies with abortive outcome	4.1
7.	Other diseases of the respiratory system	3.5
8.	Respiratory tuberculosis	2.4
9.	Toxic effects of substance chiefly non-medicinal as to source	2.3
10.	Pneumonia	2.2
11.	Gastritis and duodenitis	1.9
12.	Other conditions originating in the perinatal period	1.5
13.	Infections of the skin and subcutaneous tissue	1.5
14.	Other anaemias	1.4
	All other causes	40.2
	Total	100.0

Leading Causes of Mortality (2003)

Sr. No.	Causes	Percent
1.	Malaria	13.3
2.	Respiratory tuberculosis	6.8
3.	Stroke, not specified as haemorrhage or infarction	6.4
4.	Other injuries of specified, unspecified and multiple body regions	5.3
5.	Other diseases of the respiratory system	4.8
6.	Heart failure	3.9
7.	Other diseases of liver	3.3
8.	Septicaemia	3.1
9.	Toxic effects of substance chiefly non-medicinal as to source	3.1
10.	Other viral diseases	3.0
11.	Pneumonia	2.4
12.	Slow fetal growth, fetal malnutrition and disorders related to short gestation and low birth weight	1.8
13.	Diarrhoea and gastroenteritis of presumed infectious origin	1.6
14.	Renal failure	1.2
	All other causes	40.1
	Total	100.0

Post Graduate Training under Department of Medical Science

Sr. No.	Training	Training Period
1.	Doctorate Courses (A) Dr. Med. Sc (1) General Medicine (2) General Surgery (3) Obstetrics & Gynaecology (4) Paediatrics (5) Orthopaedics (6) Cardiology (7) Cardic Surgery (8) Respiratory Medicine (9) Thoracic Surgery (10) Neuromedicine (11) Neurosurgery (12) Nephrology (13) Urology (14) Gastroenterology (15) Hepatology (16) Clinical Haematology (17) Paediatric Surgery (18) Neonatology (19) Hand Surgery (20) Gynaecological Oncology (21) Reproductive Health (22) Anaesthesiology (23) Radiology (24) Ophthalmology (25) Otorhinolaryngology (26) Oral and Maxilo-facial Surgery (27) Medical Jurisprudence (28) Rehabilitation Medicine	3 years

Sr. No.	Training	Training Period
	(B) Dr. D. Sc (29) Oral Medicine (30) Prosthodontics	3 years
	(C) Ph. D (1) Anatomy (2) Physiology (3) Biochemistry (4) Microbiology (5) Pathology (6) Pharmacology (7) Public Health	3 years
2.	Master Courses	
	(1) Anatomy	2 Years
	(2) Physiology	2 Years
	(3) Biochemistry	2 Years
	(4) Pharmacology	2 Years
	(5) Public Health	1 Year
	(6) Hospital Administration and Health Management	1 Year
	(7) Internal Medicine	3 years
	(8) Surgery	3 years
	(9) Obstetrics & Gynaecology	3 years
	(10) Paediatrics	3 years
	(11) Orthopaedics	2 years
	(12) Ophthalmology	2 years
	(13) Otorhinolaryngology	2 years
	(14) Pathology	2 years
	(15) Microbiology	2 years
	(16) Anaesthesiology	2 years

Sr. No.	Training	Training Period
2.	Master Courses (contd.)	
	(17) Diagnostic Radiology	2 years
	(18) Rehabilitation Medicine	2 years
	(19) Medical Jurisprudence	2 years
	(20) Mental Health	2 years
	(21) Dermatology	2 years
	(22) Radiation Oncology	2 years
	(23) Medical Oncology	2 years
	(24) Dental Science	2 years
	(25) Nursing Science	2 years
	(26) Pharmacy	2 years
	(27) Medical Laboratory Technology	2 years
	(28) Physiotherapy	2 years
	(29) Medical Imaging Technology	2 years
3.	Diploma Courses	
	(1) Tuberculosis and Chest Diseases	1 year
	(2) Nuclear Medicine	1 year
	(3) Sexually Transmitted Diseases	1 year
	(4) Medical Education	9 months
	(5) Family Medicine	1 year
	(6) General Dental Practice	1 year

Training Institutions under Department of Medical Science

Sr. No.	University/ Training Schools	Degree/ Diploma/ Certificate Conferred
1.	University of Medicine (1), Yangon	M.B., B.S., Dip. Med.Sc, M.Med. Sc., Ph.D, Dr. Med. Sc.
2.	University of Medicine, Mandalay	M.B., B.S., Dip. Med.Sc, M.Med. Sc., Ph.D, Dr. Med. Sc.
3.	University of Medicine (2), Yangon	M.B., B.S., Dip. Med.Sc, M.Med. Sc., Ph.D, Dr. Med. Sc.
4.	University of Medicine, Magway	M.B.,B.S.
5.	University of Dental Medicine, Yangon	B.D.S., Dip.D.Sc., M.D.Sc., Dr. D.Sc., D.DT. (Diploma in Dental Technology)
6.	University of Dental Medicine, Mandalay	B.D.S.
7.	University of Nursing, Yangon	B.N.Sc., M.N.Sc., Diploma Speciality Nursing (Dental, EENT, Mental Health, Paediatrics, Critical Care, Orthopaedics)
8.	University of Nursing, Mandalay	B.N.Sc., M.N.Sc.
9.	University of Medical Technology, Yangon	B.Med.Tech., M. Med.Tech.

Sr No.	University/ Training Schools	Degree/ Diploma/ Certificate Conferred
10.	University of Medical Technology, Mandalay	B.Med.Tech.
11.	University of Community Health, Magway	B.Comm.H.
12.	University of Pharmacy, Yangon	B.Pharm., M.Pharm.
13.	University of Pharmacy, Mandalay	B.Pharm.
14.	Nursing Training Schools	Diploma
15.	Midwifery Training Schools	Certificate
16.	Lady Health Visitor Training School	Certificate
17.	Nursing Field Training School	-
18.	Domiciliary Midwifery Training School	-