

HEALTH STATISTICS

Vital Statistics

Health Indicators	1988	1999	2004	2005	2006	2007	2008	2009*
Crude Birth Rate (per 1,000 population)								
- Urban	28.6	24.5	19.1	19.0	19.0	18.4	14.0	15.3
- Rural	30.5	27.1	22.0	21.9	21.5	21.2	16.1	16.6
Crude Death Rate (per 1,000 population)								
- Urban	8.9	6.0	5.5	5.5	5.3	5.3	7.6	5.1
- Rural	9.9	7.8	6.4	6.4	6.3	5.9	8.7	5.8
Infant Mortality Rate (per 1,000 live births)								
- Urban	47.0	55.1 [▲]	45.2	45.1	44.9	43.4	28.2	25.7
- Rural	49.8	62.5 [▲]	47.0	47.0	46.9	46.3	30.0	27.8
U5 Mortality Rate (per 1,000 live births)								
- Union	-	77.77 [▲]	71.05	70.84	66.22	64.25	40.73	36.53
- Urban	72.9	65.12 [▲]	70.10	70.0	64.15	62.10	39.80	36.15
- Rural	-	85.16 [▲]	71.40	71.2	67.03	65.02	36.69	41.08
Maternal Mortality Ratio (per 1,000 live births)								
- Union	-	2.5 [▲]	1.19	1.17	1.16	1.13	1.48	1.41
- Urban	1.0	1.8 [▲]	0.98	0.96	0.96	0.94	1.23	1.13
- Rural	1.9	2.8 [▲]	1.45	1.43	1.41	1.36	1.57	1.52
Population Growth Rate	1.96	2.02	2.02	2.02	2.02	1.75	1.52	1.29
Average Life Expectancy	59.0	61.0	62.4	62.5	62.9	64.0	65.1	65.5
- Urban (Male)	63.2	65.1	66.5	66.6	67.3	69.0	70.5	70.7
(Female)	56.2	60.3	61.8	62.0	62.5	63.2	63.9	64.1
- Rural (Male)	60.4	62.7	64.5	64.9	65.4	67.1	67.4	67.5
(Female)								

* Provisional actual

Source: Central Statistical Organization (CSO), Ministry of National Planning and Economic Development

[▲] National Mortality Survey, CSO, 1999

Health Manpower Development

Health Manpower	1988-89	2007-08	2008-09	2009-10	2010-11	2011-12
Total No. of Doctors	12268	21799	23740	24536	26435	28077
- Public	4377	7976	9583	9728	10927	11460
- Co-operative & Private	7891	13823	14157	14808	15508	16617
Dental Surgeon	857	1867	2092	2308	2562	2770
- Public	328	793	777	703	813	848
- Co-operative & Private	529	1074	1315	1605	1749	1922
Nurses	8349	22027	22885	24242	25644	26928
Dental Nurses	96	177	244	262	287	316
Health Assistants	1238	1788	1822	1845	1899	1536
Lady Health Visitors	1557	3197	3238	3278	3344	3371
Midwives	8121	18098	18543	19051	19556	20044
Health Supervisor (1)	487	529	529	529	541	612
Health Supervisor (2)	674	1444	1484	1645	2080	1718
Traditional Medicine Practitioners						
- Public	290	945	950	890	890	885
- Private	2500	5163	5397	5737	5737	5867

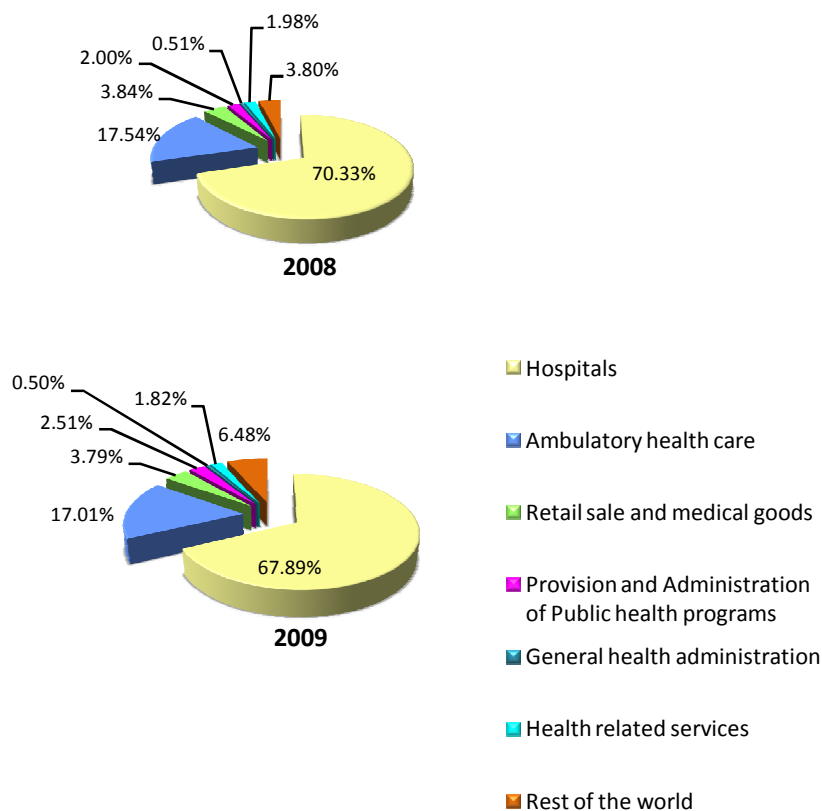
Health Facilities Development

Health Facilities	1988-89	2007-08	2008-09	2009-10	2010-11	2011-12
Hospitals(Public Sector)	631	839	846	871	924	987
Ministry of Health	617	813	820	844	897	921
Other Ministries	14	26	26	27	27	66
Total No. of Hospital Beds	25309	36949	38249	39060	43789	54503
No. of Primary and Secondary Health Centers	64	86	86	86	86	87
No. of Maternal and Child Health Center	348	348	348	348	348	348
No. of Rural Health Center	1337	1473	1481	1504	1558	1565
No. of School Health Teams	80	80	80	80	80	80
No. of Traditional Medicine Hospitals	2	14	14	14	14	14
No. of Traditional Medicine Clinics	89	237	237	237	237	237

Government Health Expenditures

	1988-89	2007-08	2008-09	2009-10	2010-11 (End of March)
Health Expenditure (Million Kyat)					
- Current	347.1	38368.1	41362.7	47275	60096
- Capital	117.0	10379.2	10080.7	16521	26451
Total	464.1	48747.3	51443.4	63796	86547
Per Capita Health Expenditure (Kyat)	11.8	847.8	881.2	1078.9	1447.7

Government Health Expenditures by Providers (2008-2009)



Leading Causes of Morbidity (2010)

Sr. No.	Causes	Percent
1.	Other injuries of specified, unspecified and multiple body regions	9.3
2.	Single spontaneous delivery*	6.2
3.	Other complications of pregnancy and delivery	5.2
4.	Diarrhoea and gastroenteritis of presumed infectious origin	5.0
5.	Other Viral Diseases	4.4
6.	Malaria	4.1
7.	Other pregnancies with abortive outcome	2.8
8.	Other arthropod-borne viral fevers and viral haemorrhagic fevers	2.5
9.	Gastritis and duodenitis	2.3
10.	Cataract and other disorders of lens	2.2
11.	Other maternal care related to fetus and amniotic cavity and possible delivery problems	2.1
12.	Other conditions originating in the perinatal period	1.7
13.	Other acute upper respiratory infections	1.6
14.	Fractures of other limb bones	0.4
15.	Other diseases of the respiratory system	0.4
	All other causes	49.8
	Total	100.0

* Based on International Statistical Classification of Diseases and Related Health Problems (ICD-10) coding, the condition to be used for single-condition morbidity analysis is the main condition treated or investigated during the relevant episode of health care. As such single spontaneous delivery came out as the second most frequent condition being provided treatment or investigation during the episode of health care.

Leading Causes of Mortality (2010)

Sr. No.	Causes	Percent
1.	Human immunodeficiency virus [HIV] disease	7.0
2.	Septicaemia	5.7
3.	Other injuries of specified, unspecified and multiple body regions	5.3
4.	Malaria	4.2
5.	Other disease of the respiratory system	3.8
6.	Respiratory tuberculosis	3.7
7.	Slow fetal growth, fetal malnutrition and disorders related to short gestation and low birth weight	3.5
8.	Other disease of liver	3.4
9.	Heart failure	3.3
10.	Stroke, not specified as haemorrhage or infarction	3.2
11.	Intrauterine hypoxia and birth asphyxia	2.7
12.	Other heart disease	1.9
13.	Toxic effect of substances chiefly non-medicinal as to source	1.9
14.	Intracranial haemorrhage	1.5
15.	Pneumonia	1.3
	All other causes	47.6
	Total	100.0

**Universities and Training Schools
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. (Tuberculosis & Chest Diseases), Dip.Med.Sc. (Sexually Transmitted Diseases), Dip.Med.Sc. (Family Medicine) M.Med.Sc., Ph.D., Dr.Med.Sc.
2.	University of Medicine, Mandalay	M.B., B.S., Dip.Med.Sc. (Family Medicine) M.Med.Sc., Ph.D., Dr.Med.Sc.
3.	University of Medicine (2), Yangon	M.B., B.S., Dip.Med.Sc. (Family Medicine) M.Med.Sc., Ph.D., Dr.Med.Sc.
4.	University of Medicine, Magway	M.B.,B.S., M.Med.Sc.
5.	University of Public Health, Yangon	Dip. Med.Sc. (Hospital Administration), Dip.Med.Ed, MPH, Ph.D.
6.	University of Dental Medicine, Yangon	B.D.S., Dip.D.Sc., M.D.Sc., Dr. D.Sc.,Ph.D, Diploma in Dental Technology
7.	University of Dental Medicine, Mandalay	B.D.S., Dip.D.Sc.
8.	University of Pharmacy, Yangon	B.Pharm., M.Pharm.
9.	University of Pharmacy, Mandalay	B.Pharm.
10.	University of Medical Technology, Yangon	B.Med.Tech., M.Med.Tech.

Sr. No.	University/ Training Schools	Degree/ Diploma/ Certificate Conferred
11.	University of Medical Technology, Mandalay	B.Med.Tech., M.Med.Tech.
12.	University of Nursing, Yangon	B.N.Sc., M.N.Sc., Diploma Speciality Nursing (Dental, EENT, Mental Health, Paediatrics, Critical Care, Orthopaedics)
13.	University of Nursing, Mandalay	B.N.Sc., M.N.Sc.
14.	University of Community Health, Magway	B.Comm.H.
15.	Nursing Training Schools	Diploma
16.	Midwifery Training Schools	Certificate
17.	Lady Health Visitor Training School	Certificate
18.	Nursing Field Training School	-
19.	Domiciliary Midwifery Training School	-

University under Department of Traditional Medicine

Sr. No.	University	Degree
1.	University of Traditional Medicine, Mandalay	B.M.T.M
		M.M.T.M

International Non-Governmental Organizations working in Myanmar

1. Association of Medical Doctors of Asia (AMDA)
2. Action Contre La faim (ACF)
3. Adventist Development and Relief Agency (ADRA)
4. Aide Medicale International (AMI)
5. Association of Francois-Xavier Bagnoud (AFXB)
6. Artsen Zonder Genzen (AZG) MSF-Holland
7. Asian Harm Reduction Network (AHRN)
8. Alliance International HIV/AIDS
9. Burnet Institute Australia
10. CARE Myanmar
11. Cooperation and Svilu - ppo onlus (CESVI)
12. Humanitarian Services International (HSI)
13. International Organization Migration (IOM)
14. International Union against TB and Lung Diseases (IUATLD)
15. Latter Day Saint Charities, USA
16. Malteser (Germany)
17. Marie Stopes International (MSI)
18. Medecines du Monde (MDM)
19. Medecins Sans Frontieres- Swizerland (MSF-CH)
20. Merlin
21. Pact Myanmar
22. Partners International Solidarity Organization
23. Population Services International (PSI)
24. Progetto Continenti
25. Save the Children (UK)
26. Save the Children (US)
27. Save the Children (Japan)
28. Terre des homes (TDH)
29. World Concern (WC)
30. World Vision International

National Non-Governmental Organizations working in Myanmar

1. Myanmar Women's Affairs Federation (MWAF)
2. Myanmar Maternal and Child Welfare Association (MMCWA)
3. Myanmar Red Cross Society
4. Myanmar Academy of Medical Science
5. Myanmar Medical Association (MMA)
6. Myanmar Medical Council
7. Myanmar Traditional Medicine Council
8. Myanmar Traditional Medicine Practitioners Association
9. Myanmar Dental Association (MDA)
10. Myanmar Dental Council
11. Myanmar Nurses Association (MNA)
12. Myanmar Nurses Council
13. Myanmar Health Assistant Association
14. Myanmar Anti-narcotic Association