

# HEALTH STATISTICS

## Vital Statistics

Health Index	1988	1999	2001	2002	2003	2004	2005	2006
Crude Birth Rate (per 1,000 population)								
- Urban	28.6	24.5	23.9	21.2	19.9	19.1	19.0	19.0
- Rural	30.5	27.1	26.3	24.6	22.4	22.0	21.9	21.5
Crude Death Rate (per 1,000 population)								
- Urban	8.9	6.0	6.2	6.1	5.6	5.5	5.5	5.3
- Rural	9.9	7.8	7.1	7.0	6.5	6.4	6.4	6.3
Infant Mortality Rate (per 1,000 live births)								
- Urban	47.0	55.1 <sup>▲</sup>	48.3	48.4	45.3	45.2	45.1	44.9
- Rural	49.8	62.5 <sup>▲</sup>	50.1	50.7	47.1	47.0	47.0	46.9
U5 Mortality Rate (per 1,000 live births)								
- Union	-	77.77 <sup>▲</sup>	-	-	66.1 <sup>▲</sup>	-	-	-
- Urban	72.9	65.12 <sup>▲</sup>	73.1	72.6	72.2	70.1	70.0	64.15
- Rural	-	85.16 <sup>▲</sup>	73.8	73.5	73.2	71.4	71.2	-
Maternal Mortality Ratio (per 1,000 live births)								
- Union	-	2.5 <sup>▲</sup>	-	-	-	-	3.16 <sup>▲</sup>	-
- Urban	1.0	1.8 <sup>▲</sup>	1.0	1.1	0.98	0.98	0.96	0.96
- Rural	1.9	2.8 <sup>▲</sup>	1.8	1.9	1.52	1.45	1.43	1.41
Population Growth Rate	1.96	2.02	2.02	2.02	2.02	2.02	2.02	2.02
Average Life Expectancy								
- Urban (Male)	59.0	61.0	61.5	61.8	62.1	62.4	62.5	62.9
(Female)	63.2	65.1	65.6	66.0	66.2	66.5	66.6	67.3
- Rural (Male)	56.2	60.3	60.8	61.3	61.5	61.8	62.0	62.5
(Female)	60.4	62.7	63.3	63.8	64.0	64.5	64.9	65.4

**Source:** Statistical Year Book, Central Statistical Organization (CSO), 2007

<sup>▲</sup> National Mortality Survey, CSO, 1999

<sup>▲</sup> Overall and Cause Specific Under Five Mortality Survey, Ministry of Health/ UNICEF, 2002-2003

<sup>▲</sup> Nationwide Cause Specific Maternal Mortality Survey, Ministry of Health/ Survey, 2004-2005

## Health Manpower Development

Health Manpower	1988-89	2004-05	2005-06	2006-07	2007-08	2008-09*
Total No. of Doctors	12268	17564	18584	20501	21799	23709
- Public	4377	6473	6941	7250	7976	9593
- Co-operative & Private	7891	11091	11643	13251	13823	14116
Dental Surgeon	857	1365	1594	1732	1867	2305
- Public	328	580	625	707	793	777
- Co-operative & Private	529	785	969	1025	1074	1528
Nurses	8349	18123	19776	21075	22027	22881
Dental Nurses	96	159	162	165	177	244
Health Assistants	1238	1771	1771	1778	1788	1822
Lady Health Visitors	1557	2796	3025	3137	3197	3247
Midwives	8121	16201	16745	17703	18098	18543
Health Supervisor (1)	487	529	529	529	529	529
Health Supervisor (2)	674	1339	1359	1394	1444	1484
Traditional Medicine Practitioners	290	819	819	889	945	950

\* *Provisional actual*

## Health Facilities Development

Health Facilities	1988-89	2004-05	2005-06	2006-07	2007-08	2008-09*
Government Hospitals	631	824	826	832	839	846
Total No. of Hospital Beds	25309	34654	34920	35544	36949	38249
No. of Primary and Secondary Health Centers	64	86	86	86	86	86
No. of Maternal and Child Health Centers	348	348	348	348	348	348
No. of Rural Health Centers	1337	1456	1456	1463	1473	1481
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

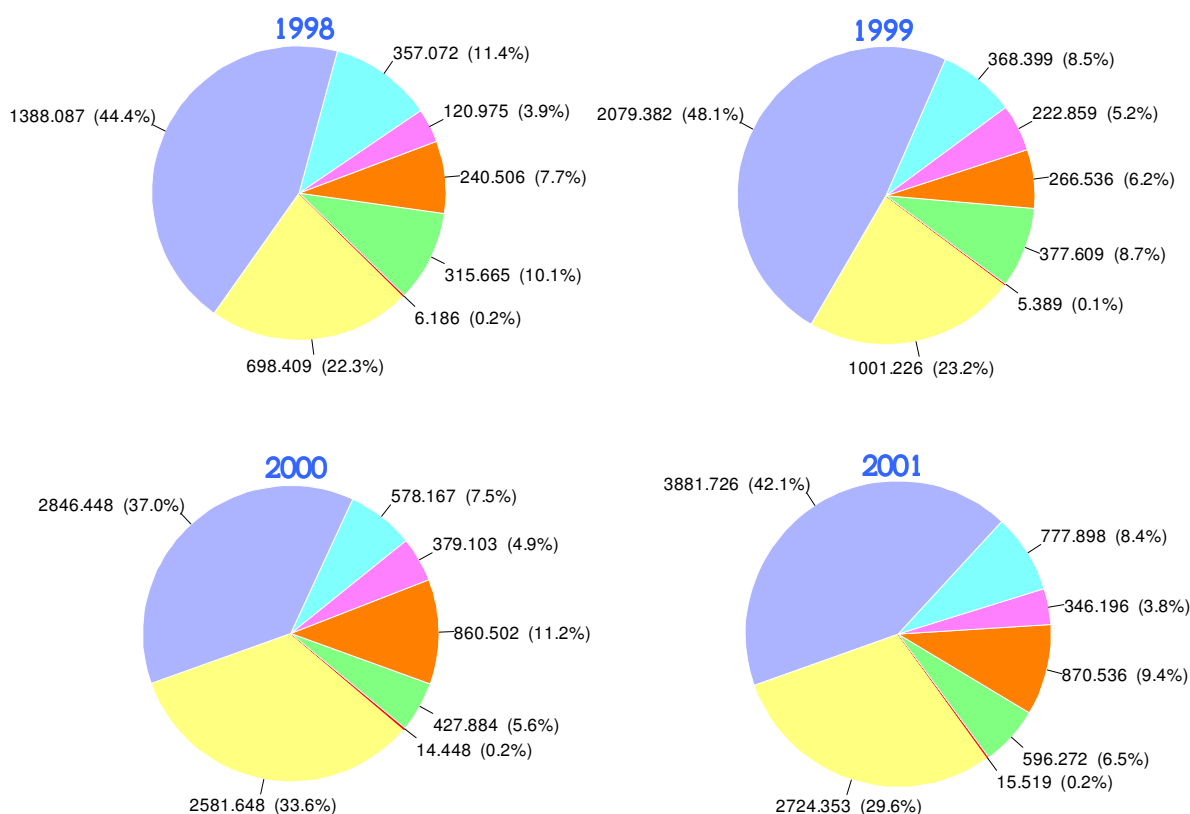
\* *Provisional actual*

## Government Health Expenditure

	1988-1989	2005-2006	2006-2007	2007-2008*
Health Expenditure (Million Kyats)				
- Current	347.1	15407.5	35914	37949.6
- Capital	117.0	8033.9	10718	10540.0
<b>Total</b>	<b>464.1</b>	<b>23441.4</b>	<b>46632</b>	<b>48489.6</b>
Per Capita Health Expenditure (Kyats)	11.8	423.2	825.1	843.3

\* Provisional actual

### Government Health Expenditure by Functions (1998-2001) (Million Kyats)



■ Services of Curative & Rehabilitative Care 
 ■ Ancillary Services to Medical Care 
 ■ Medical Goods Dispensed to Patients  
■ Prevention & Public Health Services 
 ■ Health Administration & Insurance 
 ■ Not Specified in Kind  
■ Health Related Function

## Leading Causes of Morbidity (2007)

Sr. No.	Causes	Percent
1.	Other injuries of specified, unspecified and multiple body regions	8.8
2.	Single spontaneous delivery	6.3
3.	Diarrhoea and gastroenteritis of presumed infectious origin	6.2
4.	Malaria	5.5
5.	Other complications of pregnancy and delivery	5.2
6.	Other symptoms, signs and abnormal clinical & laboratory findings	3.5
7.	Other diseases of the respiratory system	3.1
8.	Other pregnancies with abortive outcome	3.1
9.	Other arthropod-borne viral fevers and viral haemorrhagic fevers	3.1
10.	Other viral diseases	2.9
11.	Toxic effects of substances chiefly non-medicinal as to source	2.1
12.	Gastritis and duodenitis	2.0
13.	Pneumonia	2.0
14.	Respiratory tuberculosis	1.9
15.	Cataract and other disorders of len	1.6
	All other causes	42.7
	Total	100.0

*Source: Annual Hospital Statistics Report, Department of Health Planning, 2007*

## Leading Causes of Mortality (2007)

Sr. No.	Causes	Percent
1.	Malaria	6.1
2.	Other injuries of specified, unspecified and multiple body regions	5.0
3.	Other symptoms, signs and abnormal clinical and laboratory findings	4.9
4.	Septicaemia	4.8
5.	Other diseases of the respiratory system	4.5
6.	Respiratory tuberculosis	4.2
7.	Other diseases of liver	3.8
8.	Heart failure	3.3
9.	Other viral diseases	3.2
10.	Intracranial haemorrhage	3.1
11.	Pneumonia	3.0
12.	Human Immunodeficiency Virus [HIV]	2.9
13.	Other heart diseases	2.8
14.	Stroke, not specified as haemorrhage or infarction	2.7
15.	Slow fetal growth, fetal malnutrition and disorders related to short gestation and low birth weight	2.4
	All other causes	43.3
	Total	100.0

*Source: Annual Hospital Statistics Report, Department of Health Planning, 2007*

## 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., 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 Public Health, Yangon	Dip. Med.Sc, Dip.Med.Ed, MPH, Ph.D.
6.	University of Dental Medicine, Yangon	B.D.S., Dip.D.Sc., M.D.Sc., Dr. D.Sc., D.DT.(Diploma in Dental Technology)
7.	University of Dental Medicine, Mandalay	B.D.S.
8.	University of Nursing, Yangon	B.N.Sc., M.N.Sc., Diploma Speciality Nursing (Dental, EENT, Mental Health, Paediatrics, Critical Care, Orthopaedics)
9.	University of Nursing, Mandalay	B.N.Sc., M.N.Sc.
10.	University of Medical Technology, Yangon	B.Med.Tech., M.Med.Tech.
11.	University of Medical Technology, Mandalay	B.Med.Tech.
12.	University of Community Health, Magway	B.Comm.H.
13.	University of Pharmacy, Yangon	B.Pharm., M.Pharm.
14.	University of Pharmacy, Mandalay	B.Pharm.
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	-

## International Non-Governmental Organizations working in Myanmar

1. Action Contre La Faim (ACF)
2. Adventist Development and Relief Agency (ADRA)
3. Aide Medicale International (AMI)
4. Alliance International HIV/AIDS
5. Artsen Zonder Greenzen (AZG)
6. Asian Harm Reduction Network (AHRN)
7. Associations Francois Xavier Bagnoud (AFXB)
8. Asian Maternal and Child Welfare Association (AMCWA)
9. Association of Medical Doctors of Asia (AMDA)
10. Burnet Institute (Australia)
11. CARE Myanmar
12. Cooperation and Sviluppoonlus (CESVI)
13. Daiyukai Medical Foundation (DMF)
14. Humanitarian Services International (HSI)
15. International Organization Migration (IOM)
16. International Federation of Anti-Leprosy Association (ILEP)
17. Latter-Day Saint Charities (LDSC)
18. Malteser (Germany)
19. Marie Stopes International (MSI)
20. Medecins du Monde (MDM)
21. Medecins Sans Frontieres - Switzerland (MSF-CH)
22. Merlin
23. PACT Myanmar
24. Population Services International (PSI)
25. Progetto Continent
26. Save the Children (Japan)
27. Save the Children (UK)
28. Save the Children (US)
29. Support Fund Myanmar
30. Surgical Implant Generation Network
31. Terre des homes
32. Women's Federation for World Peace
33. World Concern
34. World Vision International (WVI)

## National Non-Governmental Organizations working in Myanmar

1. Union Solidarity and Development Association (USDA)
2. Myanmar Women's Affairs Federation (MWAFF)
3. Myanmar Maternal and Child Welfare Association (MMCWA)
4. Myanmar Red Cross Society
5. Myanmar Medical Association (MMA)
6. Myanmar Dental Association (MDA)
7. Myanmar Nurses Association (MNA)
8. Myanmar Health Assistant Association
9. Myanmar Council of Churches
10. Myanmar Anti-narcotic Association
11. Myanmar Business Coalition on AIDS
12. Pyi Gyi Khin