

# HEALTH STATISTICS

## Vital Statistics

Health Index	1988	1999	2000	2001	2002	2003	2004	2005
Crude Birth Rate (per 1,000 population)								
- Urban	28.6	24.5	24.2	23.9	21.2	19.9	19.1	19.0
- Rural	30.5	27.1	26.4	26.3	24.6	22.4	22.0	21.9
Crude Death Rate (per 1,000 population)								
- Urban	8.9	6.0	6.3	6.2	6.1	5.6	5.5	5.5
- Rural	9.9	7.8	7.3	7.1	7.0	6.5	6.4	6.4
Infant Mortality Rate (per 1,000 live births)								
- Urban	47.0	55.1 <sup>▲</sup>	48.5	48.3	48.4	45.3	45.2	45.1
- Rural	49.8	62.5 <sup>▲</sup>	50.2	50.1	50.7	47.1	47.0	47.0
U5 Mortality Rate (per 1,000 live births)								
- Union	-	77.77 <sup>▲</sup>	-	-	-	66.1 <sup>▲</sup>	-	-
- Urban	72.9	65.12 <sup>▲</sup>	73.5	73.1	72.6	72.2	70.1	70.0
- Rural	-	85.16 <sup>▲</sup>	76.3	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>	1.1	1.0	1.1	0.98	0.98	0.96
- Rural	1.9	2.8 <sup>▲</sup>	1.9	1.8	1.9	1.52	1.45	1.43
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	61.1	61.5	61.8	62.1	62.4	62.5
(Female)	63.2	65.1	65.1	65.6	66.0	66.2	66.5	66.6
- Rural (Male)	56.2	60.3	60.4	60.8	61.3	61.5	61.8	62.0
(Female)	60.4	62.7	62.8	63.3	63.8	64.0	64.5	64.9

**Source:** Most data unless specifically indicated are from Statistical Year Book 2005 by Central Statistical Organization (CSO) and data for 2005 are quoted from Vital Statistics Report 2005 by CSO and Ministry of Health.

The data specifically indicated are quoted from nationwide surveys undertaken in the country.

<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	2003-04	2004-05	2005-06	2006-07	2007-08*
Total No. of Doctors	12268	17081	17564	18584	20501	21725
- Public	4377	6331	6473	6941	7250	8033
- Co-operative & Private	7891	10750	11091	11643	13251	13692
Dental Surgeon	857	1285	1365	1594	1732	1867
- Public	328	543	580	625	707	793
- Co-operative & Private	529	742	785	969	1025	1074
Nurses	8349	16382	18123	19776	21075	22027
Dental Nurses	96	123	159	162	165	175
Health Assistants	1238	1739	1771	1771	1778	1788
Lady Health Visitors	1557	2679	2796	3025	3137	3259
Midwives	8121	15130	16201	16745	17703	18098
Health Supervisor (1)	487	529	529	529	529	529
Health Supervisor (2)	674	1199	1339	1359	1394	1444
Traditional Medicine Practitioners	290	649	819	819	889	889

\* *Provisional actual*

## Health Facilities Development

Health Facilities	1988-89	2003-04	2004-05	2005-06	2006-07	2007-08 <sup>*</sup>
Government Hospitals	631	790	824	826	832	839
Total No. of Hospital Beds	25309	33683	34654	34920	35544	36121
No. of Primary and Secondary Health Centers	64	84	86	86	86	86
No. of Maternal and Child Health Centers	348	348	348	348	348	348
No. of Rural Health Centers	1337	1424	1456	1456	1463	1473
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

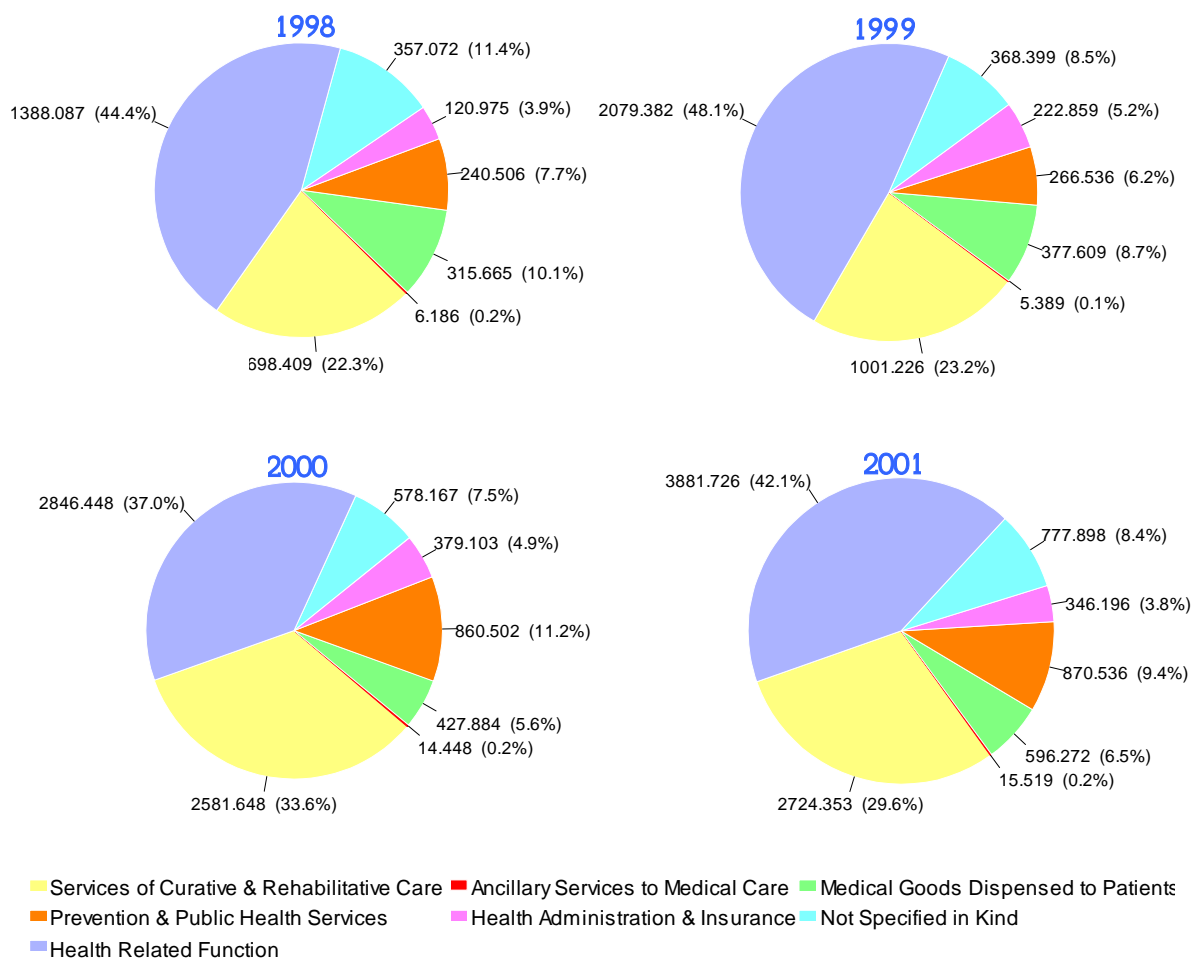
<sup>\*</sup> *Provisional actual*

## Government Health Expenditure

	1988-1989	2005-2006	2006-2007*
Health Expenditure (Million Kyats)			
- Current	347.1	15407.5	37129.5
- Capital	117.0	8033.9	10887.8
<b>Total</b>	<b>464.1</b>	<b>23441.4</b>	<b>48017.3</b>
Per Capita Health Expenditure (Kyats)	11.8	423.2	849.7

\* Provisional actual

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



## Leading Causes of Morbidity (2006)

Sr. No.	Causes	Percent
1.	Other injuries of specified, unspecified and multiple body regions	9.4
2.	Single spontaneous delivery	7.3
3.	Malaria	7.1
4.	Diarrhoea and gastroenteritis of presumed infectious origin	5.6
5.	Other complications of pregnancy and delivery	5.1
6.	Other pregnancies with abortive outcome where classified	3.4
7.	Other diseases of the respiratory system	3.0
8.	Other arthropod-borne viral fevers and viral haemorrhagic fevers	2.3
9.	Toxic effects of substances chiefly non-medicinal as to source	2.1
10.	Gastritis and duodenitis	1.9
11.	Respiratory tuberculosis	1.9
	All other causes	51.0
	Total	100.0

*Source: Annual Hospital Statistics Report, Department of Health Planning, 2006*

## Leading Causes of Mortality (2006)

Sr. No.	Causes	Percent
1.	Malaria	9.0
2.	Other diseases of the respiratory system	4.8
3.	Respiratory tuberculosis	4.6
4.	Other injuries of specified, unspecified and multiple body regions	4.5
5.	Septicaemia	4.2
6.	Other diseases of liver	3.9
7.	Stroke, not specified as haemorrhage or infarction	3.9
8.	Heart failure	3.6
9.	Other heart diseases	2.8
10.	Slow fetal growth, fetal malnutrition and disorders related to short gestation and low birth weight	2.7
	All other causes	56.0
	Total	100.0

*Source: Annual Hospital Statistics Report, Department of Health Planning, 2006*

## 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 International Contre La Faim (AICF)
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. Asia Regional HIV/AIDS Project (ARHP)
8. Associations Francois Xavier Bagnoud (AFXB)
9. Asian Maternal and Child Welfare Association (AMCWA)
10. Association of Medical Doctors of Asia (AMDA)
11. Burnet Institute (Australia)
12. CARE Myanmar
13. Cooperation and Sviluppoonlus (CESVI)
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. Mediciens du Monde (MDM)
21. Mediciens Sans Frontieres - Switzerland (MSF-CH)
22. Merlin
23. PACT Myanmar
24. Partners International Solidarity Organization
25. Population Services International (PSI)
26. Progetto Continent
27. Save the Children (Japan)
28. Save the Children (UK)
29. Save the Children (US)
30. Support Fund Myanmar
31. Terre des homes
32. World Concern
33. World Vision International (WVI)

## International Non-Governmental Organizations working in Myanmar

1. Union Solidarity and Development Association (USDA)
2. Myanmar Women's Affairs Federation (MWAF)
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