

HUMAN RESOURCE DEVELOPMENT

This chapter highlights the status of human resource (as of December 2011) at the Directorate General of Health Services and allied departments, viz. Directorate General of Family Planning, Directorate General of Drug Administration, and Directorate of Nursing Services. The tabular data show the number of sanctioned and filled-up posts, along with vacancies. The profiles of the medical teaching/training institutions and a list of training courses conducted as per the Operational Plan of In-service Training under the Health, Population and Nutrition Sector Development Program (HPNSDP) 2011-2016 are also presented.

Human resource deployment and redeployment are ongoing processes; retirement, replacement, and transfer are constantly occurring. Therefore, the status as of December 2011 may not remain the same by the time this bulletin is published.

Table 16.1 shows the overall human resource status of the DGHS, and Table 16.2 shows the division-wise distribution of the human resource under the DGHS.

Table 16.1. Number of sanctioned, filled-up and vacant posts under DGHS (December 2011)

Class	Sanctioned	Filled-up				Vacant		
		Male	Female	Total	Filled-up as % of sanctioned posts	No.	Vacant as % of sanctioned posts	
Class I	Doctors	22,120	12,596	3,640	16,236	73	5,884	27
	Non-doctors	485	166	53	219	45	266	55
Class II	15,412	965	11,471	12,436	81	2,976	19	
Class III	51,681	32,961	10,507	43,468	84	8,213	16	
Class IV	25,832	15,198	5,370	20,568	80	5,264	20	
Total	115,530	61,886	31,041	92,927	80%	22,603	20	

Table 16.2. Division-wise distribution of sanctioned, filled-up and vacant posts under the DGHS (December 2011)

Division	Class	Sanctioned	Filled-up				Vacant		
			Male	Female	Total	Filled-up as % of sanctioned posts	No.	Vacant as % of sanctioned posts	
Barisal	Class I	Doctors	1,579	842	170	1,012	64	567	36
		Non-doctors	25	3	0	3	12	22	88
	Class II	1,095	52	901	953	87	142	13	
	Class III	4,081	2,302	1,101	3,403	83	678	17	
	Class IV	1,826	1,126	321	1,447	79	379	21	
	Total	8,606	4,325	2,493	6,818	79	1,788	21	

Table 16.2 Continued

Division	Class		Sanctioned	Filled-up			Vacant		
				Male	Female	Total	Filled-up as % of sanctioned posts	No.	Vacant as % of sanctioned posts
Chittagong	Class I	Doctors	3,745	2,095	532	2,627	70	1,118	30
		Non-doctors	55	13	0	13	24	42	76
	Class II		2,358	141	1,630	1,771	75	587	25
	Class III		9,908	6,156	1,823	7,979	81	1,929	19
	Class IV		4,178	2,437	731	3,168	76	1,010	24
	Total		20,244	10,842	4,716	15,558	77	4,686	23
Dhaka	Class I	Doctors	8,203	5,041	1,767	6,808	83	1,395	17
		Non-doctors	249	103	41	144	58	105	42
	Class II		5,849	479	4,556	5,035	86	814	14
	Class III		15,884	10,130	3,626	13,756	87	2,128	13
	Class IV		9,639	5,674	2,139	7,813	81	1,826	19
	Total		39,824	21,427	12,129	33,556	84	6,268	16
Khulna	Class I	Doctors	2,250	1,178	285	1,463	65	787	35
		Non-doctors	44	19	5	24	55	20	45
	Class II		1,549	35	1,335	1,370	88	179	12
	Class III		5,893	3,590	1,309	4,899	83	994	17
	Class IV		2,416	1,322	544	1,866	77	550	23
	Total		12,152	6,144	3,478	9,622	79	2,530	21
Rajshahi	Class I	Doctors	2,695	1,461	429	1,890	70	805	30
		Non-doctors	53	19	5	24	45	29	55
	Class II		2,122	139	1,567	1,706	80	416	20
	Class III		6,782	4,767	1,260	6,027	89	755	11
	Class IV		3,662	2,154	789	2,943	80	719	20
	Total		15,314	8,540	4,050	12,590	82	2,724	18
Rangpur	Class I	Doctors	2,188	1,166	307	1,473	67	715	33
		Non-doctors	36	7	2	9	25	27	75
	Class II		1,446	75	972	1,047	72	399	28
	Class III		5,525	3,773	812	4,585	83	940	17
	Class IV		2,359	1,410	470	1,880	80	479	20
	Total		11,554	6,431	2,563	8,994	78	2,560	22
Sylhet	Class I	Doctors	1,460	813	150	963	66	497	34
		Non-doctors	23	2	0	2	9	21	91
	Class II		993	44	510	554	56	439	44
	Class III		3,608	2,243	576	2,819	78	789	22
	Class IV		1,752	1,075	376	1,451	83	301	17
	Total		7,836	4,177	1,612	5,789	74	2,047	26
Grand total			115,530	61,886	31,041	92,927	80	22,603	20

Table 16.3 shows the number of sanctioned, filled-up and vacant posts at managerial, teaching and certain clinical positions.

Table 16.4 shows the number of sanctioned, filled-up and vacant posts of medical technologists as of December 2011.

Table 16.3. Number of sanctioned, filled-up and vacant posts at managerial, teaching and some clinical positions (December 2011)

Post	Sanctioned	Filled-up		Vacant	
		No.	Filled-up as % of sanctioned posts	No.	Vacant as % of sanctioned posts
DG/ADG/equivalent	6	5	83	1	17
Director/Principal/ Vice Principal/equivalent	89	85	96	4	4
Deputy Director/equivalent	105	82	78	23	22
Assistant Director/Civil Surgeon/equivalent	203	157	77	46	23
Deputy Civil Surgeon/UHFPO	505	461	91	44	9
Professor	470	278	59	192	41
Associate Professor	686	396	58	290	42
Assistant Professor	946	775	82	171	18
Senior Consultant	439	228	52	211	48
Senior Lecturer	8	8	100	0	0
Junior Lecturer	32	27	84	5	16
Junior Consultant/equivalent	3,829	1,854	48	1,975	52
Assistant Surgeon/equivalent	14,802	12,105	82	2,697	18
Total	22,120	16,461	74	5,659	26

Table 16.4. Number of sanctioned, filled up and vacant posts of medical technologists by discipline

Category	Pharmacy	Laboratory	Radiography	Radiotherapy	Physiotherapy	Dental	Total
Sanctioned	2,934	1,990	715	57	201	531	6,428
Filled-up	2,174	1,613	635	38	147	498	5,105
Filled-up as % of sanctioned posts	74	81	89	67	73	94	79
Vacant	760	377	80	19	54	33	1,323
Vacant as % of sanctioned posts	26	19	11	33	27	6	21

Table 16.5. Number of sanctioned, filled-up and vacant posts of Sub-assistant Community Medical Officer (SACMO) and domiciliary staff (Health Inspectors, Assistant Health Inspectors, and Health Assistants)

Category	Sub-assistant Community Medical Officer (SACMO)	Domiciliary staff			
		Health Inspector	Assistant Health Inspector	Health Assistant	Total
Sanctioned	5,411	1,399	4,198	20,815	26,412
Filled-up	4,216	1,132	3,669	19,279	24,080
Filled-up as % of sanctioned posts	78%	81%	87%	93%	91%
Vacant	1,195	267	529	1,536	2,332
Vacant as % of sanctioned posts	22%	19%	13%	7%	9%

Table 16.6 shows the number of sanctioned, filled-up and vacant posts of various officers and staff in alternative medicines under the DGHS, as of December 2011.

Directorate General of Family Planning

Table 16.7 shows the number of sanctioned, filled-up and vacant posts under the Directorate General of Family Planning (DGFP) as of December 2011.

Table 16.8 shows the number of sanctioned, filled-up and vacant posts under the Directorate General of Drug Administration (DGDA) as of December 2011].

Table 16.9 shows the number of sanctioned, filled-up and vacant posts under the Directorate of Nursing Services (DNS) as of December 2011.

Institutions offering postgraduate medical degrees

Table 16.10a shows the list of institutions both in the government and private sector, providing postgraduate medical degrees. The table also shows the titles of the courses offered by each institution, along with the number of seats in each course. This report is based on information provided by Director, Medical Education, as of December 2011. For the fellowship and membership courses offered by the Bangladesh College of Physicians and Surgeons (BCPS), there is no fixed number in the annual intake of candidates. The college offers FCPS (Fellow of the College of Physicians and Surgeons) and MCPS (Member of the College of Physicians and Surgeons) degrees. Any eligible candidate can sit for the examinations, and results depend on the candidate's competence shown in the examinations.

Table 16.6. Number of sanctioned, filled-up and vacant posts of various officers and staff in alternative medicines under the DGHS (December 2011)

Name of post	Sanctioned post		Filled-up post		Vacant post	
	Revenue	Development	Revenue	Development	Revenue	Development
Medical Officer for Unani medicine	51	105	-	15	51	90
Medical Officer for Ayurvedic medicine	51	105	-	14	51	91
Medical Officer for homeopathic medicine	51	105	-	15	51	90
Compounder for alternative medicines	153	334	-	64	153	270
Herbal Assistant for herbal gardens	-	467	-	467	0	0
Total	306	1,116	-	575	306	541

Table 16.7. Number of sanctioned, filled-up and vacant posts under the Directorate General of Family Planning (December 2011)

Class	Sanctioned	Filled-up	Filled-up as % of sanctioned posts	Vacant	Vacant as % of sanctioned posts
Class I	1,954	1,049	53.68	905	46.32
Class II	1,022	401	39.24	621	60.76
Class III	16,937	14,646	86.47	2,291	13.53
Class IV	32,507	29,845	91.81	2,662	8.19
Total	52,420	45,941	87.64	6,479	12.36

Table 16.8. Number of sanctioned, filled-up and vacant posts under the Directorate General of Drug Administration (December 2011)

Class	Sanctioned	Filled-up	Filled-up as % of sanctioned posts	Vacant	Vacant as % of sanctioned posts
Class I	118	27	22.88	91	77.12
Class II	25	7	28	18	72
Class III	115	55	47.83	60	52.17
Class IV	112	40	35.71	72	64.29
Total	370	129	34.86	241	65.14

Table 16.9. Number of sanctioned, filled-up and vacant posts under the Directorate of Nursing Services (December 2011)

Class	Category	Sanctioned	Filled-up	Filled-up as % of sanctioned posts	Vacant	Vacant as % of sanctioned posts
Class I	Nursing	171	2	1.20	169	98.80
	Non-nursing	1	0	0	1	100.00
Class II	Nursing	16,207	14,041	27.31	2,166	72.69
	Non-nursing	20	7	35.00	13	65.00
Class III	Nursing	1,375	837	87.12	538	12.88
	Non-nursing	353	202	58.64	151	41.36
Class IV	Non-nursing	863	620	72.42	243	27.58
Total		18,990	15,709	83.64	3,281	16.36

Table 16.10a. Institutions offering postgraduate medical courses and titles of courses, with number of seats in each course (December 2011)

Name of institution	MS	MD	M. Phil	Diploma	MPH	MTM	MMED	Total
Government (autonomous) (No. of institutions: 1)								
Bangabandhu Sheikh Mujib Medical University, Shahbag, Dhaka	140	150	70	106	0	10	0	476
Total	140	150	70	106	0	10	0	476

Table 16.10a Continued

Name of institution	MS	MD	M. Phil	Diploma	MPH	MTM	MMED	Total
Government (No. of institutions: 22)								
Centre for Medical Education (CME), Mohakhali, Dhaka	0	0	0	0	0	0	15	15
Chittagong Medical College, Chittagong	37	48	29	48	03	0	0	165
Dhaka Dental College, Mirpur 14, Dhaka	22	0	0	0	0	0	0	22
Dhaka Medical College, Dhaka	70	110	86	82	06	0	0	354
Institute of Child & Mother Health (ICMH), Matuail, Dhaka	10	10	0	30	0	0	0	50
Institute of Nuclear Medicine and Ultrasound, Block D, BSMMU Campus, Shahbag, Dhaka	0	0	0	10	0	0	0	10s
Mymensingh Medical College, Mymensingh	22	40	33	59	0	0	0	154
National Institute of Cancer Research and Hospital, Mohakhali, Dhaka	06	12	0	0	0	0	0	18
National Institute of Cardiovascular Diseases (NICVD), Sher-e-Bangla Nagar, Dhaka	20	20	0	14	0	0	0	54
National Institute of Chest Diseases and Hospital (NIDCH), Mohakhali, Dhaka	06	15	0	20	0	0	0	41
National Institute of Child Health, Sher-e-Bangla Nagar, Dhaka	10	15	0	15	0	0	0	40
National Institute of Kidney Diseases and Urology (NIKDU), Sher-e-Bangla Nagar, Dhaka	06	09	0	0	0	0	0	15
National Institute of Mental Health, Sher-e-Bangla Nagar, Dhaka	0	06	0	0	0	0	0	06
National Institute of Ophthalmology, Sher-e-Bangla Nagar, Dhaka	10	0	0	10	0	0	0	20
National Institute of Preventive and Social Medicine (NIPSOM), Mohakhali, Dhaka	0	0	07	0	166	0	0	173
National Institute of Traumatology and Orthopedic Rehabilitation (NITOR), Sher-e-Bangla Nagar, Dhaka	30	0	0	15	0	0	0	45
Rajshahi Medical College, Rajshahi	10	19	25	41	05	0	0	100
Rangpur Medical College, Rangpur	08	08	08	22	0	0	0	46
SZR Medical College, Bogra	0	0	0	10	0	0	0	10
Sher-e-Bangla Medical College, Barisal	04	0	08	22	0	0	0	34
Sir Salmullah Medical College, Dhaka	21	36	18	40	05	0	0	120
M.A.G Osmani Medical College, Sylhet	20	12	28	40	0	0	0	100
Total	312	360	242	478	185	0	15	1,592

Table 16.10a Continued

Name of institution	MS	MD	M. Phil	Diploma	MPH	MTM	MMED	Total
Private (No. of institutions: 10)								
Bangladesh College of Physicians and Surgeons, Mohakhali, Dhaka*	-	-	-	-	-	-	-	-
Bangladesh Institute of Research and Rehabilitation in Diabetes, Endocrine and Metabolic Disorders (BIRDEM), Shahbag, Dhaka	10	22	15	14	0	0	0	61
Chittagong Maa O Shishu & General Hospital, Agrabad, Chittagong	0	0	0	06	0	0	0	06
Institute of Child Health and Shishu (Children) Hospital, Shishu Shasthya Foundation, Bangladesh, Mirpur 2, Dhaka	0	0	0	06	0	0	0	06
Institute of Community Ophthalmology, Chittagong	0	0	0	08	0	0	0	08
Institute of Health Sciences (under USTC), Foy's Lake, Chittagong	0	05	0	45	0	0	0	50
Lions Eye Institute and Hospital, Lions Bhaban, Rokeya Sarani, Agargaon, Dhaka	0	0	0	06	0	0	0	06
Mirza Ahmed Ispahani Institute of Ophthalmology and Islamia Hospital, Sher-e-Bangla Nagar, Dhaka	0	0	0	10	0	0	0	10
National Heart Foundation, Mirpur 2, Dhaka	05	05	0	0	0	0	0	10
United Hospital Ltd. Gulshan 2, Dhaka	06	06	0	0	0	0	0	12
Total	21	38	15	95	0	0	0	169
Grand total (No. of institutions: 33)								
Grand total (no. of seats)	473	548	327	679	185	25	0	2,237

*Offers FCPS and MCPS courses. Number of seats are not fixed and not included in this count

Table 16.10b shows the number of fellowships and memberships offered by Bangladesh College of Physicians and Surgeons in various disciplines from 2007 to 2011.

Table 16.10b. Number of fellowships and memberships offered by Bangladesh College of Physicians and Surgeons in various disciplines from 2007 to 2011

Discipline	FCPS						MCPS					
	2007	2008	2009	2010	2011	Total	2007	2008	2009	2010	2011	Total
Anesthesiology	9	6	7	11	12	45	7	10	10	7	8	42
Biochemistry	1	0	0	0	1	2	0	0	0	0	0	0
Cardiology	2	1	0	3	3	9	0	0	0	0	0	0
Clinical Pathology	0	0	0	0	0	0	5	3	4	2	4	18

Table 16.10b Continued

Discipline	FCPS						MCPS					
	2007	2008	2009	2010	2011	Total	2007	2008	2009	2010	2011	Total
Conservative Dentistry	0	0	0	3	3	6	0	0	0	0	0	0
Dental Surgery	0	0	0	0	0	0	4	5	2	6	2	19
Dermatology & Venereology	3	6	3	5	7	24	2	4	10	8	6	30
Family Medicine	0	0	1	0	0	1	2	1	1	1	2	7
Forensic Medicine	0	0	0	0	0	0	0	1	1	0	6	8
Gastroenterology	0	1	0	0	0	1	0	0	0	3	0	3
Hematology	1	3	3	4	2	13	0	0	0	0	0	0
Histopathology	1	1	1	42	3	48	0	0	0	0	0	0
Medicine	13	57	57	34	66	227	3	12	19	13	11	58
Microbiology	1	2	1	2	1	7	0	0	0	0	0	0
Neonatology	1	0	1	0	0	2	0	0	0	0	0	0
Obstetrics & Gynecology	52	46	67	99	85	349	40	32	40	40	45	197
Ophthalmology	23	11	15	12	20	81	4	7	14	5	11	41
Oral & Maxilla-Facial Surgery	3	0	3	5	3	14	0	0	0	0	0	0
Orthodontics & Dentofacial Orthopedic	1	2	3	5	9	20	0	0	0	0	0	0
Otolaryngology	9	14	11	24	20	78	2	1	3	5	9	120
Pediatric Surgery	0	1	0	0	1	2				7	0	9
Pediatrics	16	33	26	25	33	130	1	5	6	0	2	12
Physical Medicine & Rehabilitation	1	2	4	10	10	27	0	0	0	0	0	0
Prosthodontics	0	1	0	1	0	2	0	0	0	0	0	0
Psychiatry	3	1	3	5	4	16	4	2	1	2	4	13
Pulmonology	0	0	0	0	0	0	0	0	0	0	0	0
Radiology & Imaging	4	4	9	2	2	21	1	6	2	2	1	12
Radiotherapy	3	0	0	0	4	7	0	0	0	0	1	1
Surgery	25	23	22	35	29	134	4	4	12	7	6	33
Thoracic Surgery	0	0	1	0	0	1	0	0	0	0	0	0
Urology	0	1	1	1	1	4	0	0	0	0	0	0
Plastic and Reconstructive Surgery	0	0	0	0	1	1	0	0	0	0	0	0
Total	172	216	239	288	320	1,235	2,314	79	93	125	118	523

Institutions offering graduate medical degrees

Table 16.11 shows the list of institutions in government sector, which offer MBBS degrees, with the number of seats in each institution. This report is based on information provided by Director, Medical Education, as of December 2011.

Table 16.12 shows the list of institutions in the private sector, which offer MBBS degrees, with the number of seats in each institution. This report is based on information provided by Director, Medical Education, as of December 2011 (see notes in the table to know the status of the private medical colleges).

Table 16.11. Government institutions offering MBBS degrees, with number of seats (December 2011)

Division	Name of medical college	Year of establishment	No. of seats
Under the Ministry of Health and Family Welfare			
Barisal	Sher-e-Bangla Medical College, Barisal	1968	197
Chittagong	Chittagong Medical College, Chittagong	1962	197
	Comilla Medical College, Comilla	1992	113
	Cox's Bazar Medical College, Cox's Bazar	2008	58
	Noakhali Medical College, Noakhali	2008	58
Dhaka	Dhaka Medical College, Dhaka	1948	197
	Mymensingh Medical College, Mymensingh	1962	197
	Shahid Syed Nazrul Islam Medical Collage, Kishoreganj	2011	53
	Sir Salimullah Medical College, Mitford, Dhaka	1972	197
	Shaikh Shahera khatun Medical Collage, Gopalganj	2011	51
	Faridpur Medical College, Faridpur	1992	113
	Shahid Suhrawardy Medical College, Sher-e-Bangla Nagar, Dhaka	2005	142
Khulna	Khulna Medical College, Khulna	1992	142
	Satkhira Medical Collage, Satkhira	2011	53
	Kushtia Medical Collage, Kushtia	2011	52
	Jessore Medical College, Jessore	2010	58
Rajshahi	Rajshahi Medical College, Rajshahi	1962	197
	Rangpur Medical College, Rangpur	1972	197
	Dinajpur Medical College, Dinajpur	1992	142
	SZR Medical College, Bogra	1992	142
	Pabna Medical College, Pabna	2008	58
Sylhet	M.A.G. Osmani Medical College, Sylhet	1966	197
Total no. of medical colleges=22		Total seats	2,811
* Include 46 seats 'reserved' for the children of freedom fighters (2%) and 20 seats for tribal students			
Under the Ministry of Defense			
Dhaka	Armed Forces Medical Colleges (Total no. of Medical Colleges=1)	Total seats	100
Additional seats 'reserved' for foreign students [SAARC countries – 54; Non SAARC countries -45]			
All divisions	Seats for foreign students		99
Grand total (No. of institutions: 23)		No. of seats	3,010

Table 16.12. Private institutions offering MBBS degrees, with the number of seats (December 2011)

Division	Name of college	Established in the year	No. of seats
Chittagong	BGC Trust Medical College, Kanchan Nagar, Chandanailsh, Chittagong	2002	100
	Central Medical College, Comilla Tower, Laksham Road, Comilla	2005	50
	Chottagram Ma O Shishu Medical College, Agrabad, Chittagong	2006	85
	Eastern Medical College, Race Course, Comilla	2005	75
	Institute of Applied Health Sciences, Foy's lake, Chittagong	1990	200
	Moinamoti Medical College, Baro Para, Comilla	2011	50
	Southern Medical College, East Nasrabad, Chittagong	2006	50
Dhaka	Ad-Din Women's Medical College, Dhaka	2008	75
	Anwar Khan Modern Medical College, Dhaka	2008	75
	Bangladesh Medical College, Dhaka	1985	110
	Community Medical College, Dhaka	2008	50
	Dhaka National Medical College, Dhaka	1995	125
	East West Medical College, Dhaka	2000	85
	Enam Medical College, Dhaka	2003	110
	Faridpur Diabetic Association Medical College, Faridpur	2010	60
	Green Life Medical College, Dhaka	2010	75
	Holy Family Red Crescent Medical College, Dhaka	2000	120
	IBN Sina Medical College, Dhaka	2005	65
	Jahurul Islam Medical College, Bajitpur, Kishoreganj	1992	100
	Kumudini Medical College, Mirzapur, Tangail	2001	110
	LabAid Medical College, Dhaka	2010	00
	Medical College for Women and Hospital, Dhaka	1992	80
	Shaheed Mansur Ali Medical College, Dhaka	1998	95
	Shahabuddin Medical College, Dhaka	2003	80
	Popular Medical Collage, Road 02, House 25 Dhanmandi, Dhaka	2010	65
	MH Shamarita Medical Collage, 13/A and 89/1 Panthapath, Dhaka 1215	2010	65
	Moonno Medical College, Manikganj	2011	50
	Central International Medical College, 2/1 Ring Road, Shyamoly, Dhaka	2011	50
	Tarunnessa Medical College, Board Bazar, Gazipur	2001	75
	Dr. Sirajul Islam Medical College, Moghbazar, Dhaka	2011	50
	Marks Medical College, Mirpur, Dhaka	2011	50
	City Medical College, Eta Hata, Block B, Tangail Road, Gazipur, Dhaka	2011	50
	Uttara Adhunik Medical College, Dhaka	2007	75
	Z.H Sikder Women Medical College, Dhaka	1992	90
	Community Based Medical College, Mymensingh	1995	120
	Delta Medical College, Dhaka	2008	60
	Ibrahim Medical College, Dhaka	2002	110
International Medical College, Tongl, Gazipur	2000	100	

Table 16.12 Continued

Division	Name of college	Established in the year	No. of seats
Dhaka	Nightingale Medical College, Ashulia, Dhaka	2006	50
	Northern International Medical College, Dhaka	2006	55
	Samaj Vittic Medical College, Dhaka	1989	100
Rajshahi	Islami Bank Medical College, Rajshahi	2004	60
	North Bengal Medical College, Sirajganj	2000	60
	Prime Medical College, Rangpur	2008	100
	Rangpur Community Hospital Medical College, Rangpur	2008	100
	TMSS Medical College, Bogra	2008	85
	Barind Medical College, Sher Sha Road, Rajshahi	2012	50
	Northern Private Medical College, Rangpur	2006	60
	Khawaja Yunus Ali Medical College, Sirajganj	2005	80
Sylhet	Jalalabad Ragib-Rabeya Medical College, Sylhet	1996	160
	North East Medical College, Sylhet	1998	105
	Sylhet Women Medical College, Sylhet	2006	75
	Durra Samad Rahman Red Crescent Women's Medical College, Sylhet	2006	*0
Khulna	Gazi Medical College, Sona Danga, Khulna	2012	50
	Ad-Din-Sakina Medical College, 15 Rail Road, Jessore	2012	50
Closed=1		Total seats	4,275
Total=54			

Institutions offering undergraduate dental degrees

Table 16.13. shows the list of institutions in the government sector, which offer BDS degrees, with number of seats in each institution. This report is based on information provided by Director, Medical Education, as of December 2011.

Table 16.14 shows the list of institutions in the private sector, which offer BDS degrees, with number of seats in each institution. This report is based on information provided by Director, Medical Education, as of December 2011 [see notes in the table to know the status of the private medical colleges).

Table 16.13. Government institutions offering BDS degrees, with number of seats (December 2011)

Division	Name of dental college	No. of seats
Chittagong Dhaka	Chittagong Medical College Dental Unit, Chittagong	59
	Dhaka Dental College, Dhaka	126
	Sir Salimullah Medical Collage Dental Unite, Dhaka	67
	Shahid Suhrawardy Medical Collage Dental Unite, Dhaka	67
	Mymensingh Medical Collage Dental Unit, Mymensingh	50
Rajshahi	Rajshahi Medical College Dental Unit, Rajshahi	59
Barisal	Sher-e-Bangla Medical Collage Dental Unit, Barisal	50
Rangpur	Rangpur Medical Collage Dental Unit, Rangpur	50
Sylhet	M A G Osmani Medical Collage Dental Unit, Sylhet	50
Total no. of dental colleges=9	Total seats	578

*includes 10 seats 'reserved' for children of freedom fighters and 5 seats for tribal students distributed in each Medical College according to % of number of seats

Table 16.14. Private institutions offering BDS degrees with number of seats (December 2011)

Division	Name of college	Year of establishment	No. of seats	Note
Chittagong	Chittagong International Dental College, Chittagong	2005	50	Complying with the MoHFW guidelines
Dhaka	Pioneer Dental College, Dhaka	1995	90	
	University Dental College, Dhaka	1996	85	
	Bangladesh Dental College, Dhaka	1997	50	
	Samaj Vittik Medical College, Dhaka	1997	50	
	City Dental College, Dhaka	1998	75	
	Sapporo Dental College, Dhaka	2000	80	
	MH Shamarita Medical Collage Dental Unit,.13/A and 89/1 Panthapath, Dhaka 1215	2010	30	
	Marks Dental College, Dhaka	2008	50	
	Update Dental College, Dhaka	2008	50	
	Shaphena Women's Dental College, Dhaka	2010	40	
Mandy Dental College, Dhaka	2010	50		
Rajshahi	Rangpur Dental College, Rangpur	2008	100	
	Udayan Dental College, Rajshahi	2008	50	
Total no of dental colleges=14		Total seats	850	

Table 16.15 shows the list of academic institutions, both in the government and the private sector, which offer degrees and diplomas in alternative medicines, with number of seats.

Institutions offering nursing degrees

Table 16.16a shows the list of colleges of nursing under the government sector, which offer BSc Nursing degrees, with number of seats in each institution.

Table 16.16b shows the list of colleges of nursing in the government sector, which offer Post-basic BSc nursing courses, with number of seats in each institution.

Table 16.17a and 16.17b show the list of colleges of nursing in the private sector, which offer Post-basic BSc Nursing degrees and Basic BSc Nursing degrees, with number of seats in each institution.

Table 16.15. Academic institutions for teaching and training of alternative medicines in Bangladesh

Name of institution	No.			Duration of course	Duration of internship	Degree offered	No. of seats
	Total	Government	Private				
Government Unani & Ayurvedic Degree College	1	1	0	5 years	1 year	BUMS (Bachelor of Unani Medicine & Surgery); BAMS (Bachelor of Ayurvedic Medicine & Surgery)	50
Homeopathic Degree College	2	1	1	5 years	1 year	BHMS (Bachelor of Homeopathic Medicine & Surgery)	50
Unani Diploma College	12	1	11	4 years	6 months	DUMS (Diploma in Unani Medicine & Surgery)	25*
Ayurvedic Diploma College	8	0	8	4 years	6 months	DAMS (Diploma in Ayurvedic Medicine & Surgery)	
Homeopathic Diploma College	41	0	41	4 years	6 months	DHMS (Diploma in Homeopathic Medicine & Surgery)	0

*No. of seats in government-owned Tibbla College in Sylhet

Table 16.16a. Government nursing colleges offering Four years Basic BSc nursing Course (December 2011)

Division	Name of nursing college	Degree	No. of seats
Chittagong	College of Nursing, Chittagong Medical College, Chittagong	BSc Nursing	100
Dhaka	College of Nursing, Dhaka Medical College Hospital, Dhaka	BSc	100
	College of Nursing, Mymensingh Medical College, Mymensingh	BSc	100
Rajshahi	College of Nursing, Rajshahi Medical College, Rajshahi	BSc	100
Rangpur	College of Nursing, Rangpur Medical College, Rangpur	BSc	100
Sylhet	College of Nursing, M.A.G. Osmani Medical College, Sylhet	BSc	100
Barisal	College of Nursing, Sher-e-Bangla Medical College, Barisal	BSc	100
Total no. of nursing colleges under the MoHFW=7		Total seats	700
Dhaka	Armed Forces Medical Institute, Dhaka Cantonment, Dhaka	BSc	50
	Faculty of Nursing BSMMU, Dhaka		25
Total no. of nursing colleges under the Ministry of Defense=1		Total seats	50
Total no. of nursing colleges in the government sector=8		Grand total	775

Table 16.16b. Government Post-basic BSc nursing colleges (December 2011)

Division	Name of institution	Degree	No. of seats
Under the Ministry of Health and Family Welfare			
Dhaka	Nursing University, Mohakhali, Dhaka	Post-basic BSc	125
Chittagong	Foujderhat Nursing College, Chittagong	Post-basic BSc	125
Rajshahi	Bogra Nursing College, Bogra	Post-basic BSc	125
Khulna	Khulna Nursing College, Khulna	Post-basic BSc	125
Total no. of Post-basic BSc nursing colleges=4		Total seats	500

Table 16.17a. Private nursing colleges offering Post-basic BSc Nursing degrees (December 2011)

Division	Name of nursing college	No. of seats	
Dhaka	East West Nursing College, Turag, Dhaka	25	
	Kumudini Nursing College, Kumudini Hospital, Tangail	25	
	Faculty of Nursing, City University, Banani, Dhaka (no admission)	20	
	Square Nursing College, Square Hospital, Dhaka (now closed)	20	
	State College of Health Sciences, Dhanmondi, Dhaka	30	
	United College of Nursing, Gulshan, Dhaka	20	
Rajshahi	TMSS Nursing College, Thengamara, Bogra	30	
Sylhet	North East Nursing College, Telihao, Sylhet	50	
Rangpur	Prime Nursing College, Rangpur	50	
Total no. of colleges=9		Total seats	270

Table 16.17b. Private nursing colleges offering Basic BSc Nursing degrees (December 2011)

Division	Name of nursing college	No. of seats
Dhaka	State College of Health Science, Dhaka	20
	United College of Nursing, Gulshan , Dhaka	40
	International Medical College, Gazipur, Dhaka	25
	Kumudini Nursing College, Mirzapur, Tangail	20
Rajshahi	TMSS Nursing College, Thengamara, Bogra	25
Sylhet	North East Nursing College, Telihao, Sylhet	25
	Begum Rabeya Khatun Chowdhury Nursing, College, Sylhet	25
Rangpur	Prime Nursing College, Rangpur	50
Total seats		230

Four private institutions run specialized nursing courses on cardiac nursing and rehabilitation nursing. Table 16.18 lists these institutions, with number of seats in each.

In addition, there are 43 nursing institutions in the government sector (seats 1,550) and 39

in the private sector (seats 1,520) and 1 under Ministry of Defense (seats 50) offering three years course of Diploma in Nursing Science & Midwifery. Table 16.19 and 16.20 provide the lists of these institutions, showing no of seats.

Table 16.18. Private institutions offering specialized nursing courses (December 2011)

Division	Name of institution	No. of seats
Dhaka	Cardiac Nursing, National Heart Foundation, Mirpur, Dhaka	20
	Cardiac Nursing, Ibrahim Cardiac Hospital, Shahbug, Dhaka	20
	Pediatric Nursing, Dhaka Shishu Hospital, Dhaka	20
Rangpur	Cardiac Nursing, Institute of Nursing Science, Dinajpur, (Zila Heart Foundation)	20
Total no. of institutions in the private sector=4		Total seats
		80

Table 16.19. Government nursing institutions, with number of seats (December 2011)

Division	Name of institution	No. of seats
Nursing institutions attached with medical college hospitals		
Chittagong	1. Nursing institutions attached with Comilla Medical College Hospital, Comilla	50
Dhaka	2. Nursing institutions attached with Faridpur Medical College Hospital, Faridpur	50
	3. Nursing institutions attached with SSMC Hospital, Mitford, Dhaka	50
Total		150
Nursing institutions attached with general hospitals		
Barisal	1. Nursing institutions attached with Patuakhali General Hospital	50
Chittagong	2. Nursing institutions attached with Noakhali General Hospital	50
	3. Nursing institutions attached with Rangamati General Hospital	50
Dhaka	4. Nursing institutions attached with Tangail General Hospital	50
Khulna	5. Nursing institutions attached with Jessore General Hospital	50
	6. Nursing institutions attached with Khulna General Hospital	50
	7. Nursing institutions attached with Kushtia General Hospital	50

Table 16.19 Continued

Division	Name of institution	No. of seats
Rajshahi	8. Nursing institutions Mohammad Ali Hospital, Bogra	50
	9. Nursing institutions attached with Dinaipur General Hospital	50
	10. Nursing Institutions attached with Pabna General Hospital	50
	11. Nursing institutions attached with Sirajganj General Hospital	30
	Total	530
Nursing institutions attached with district hospitals		
Barisal	1. Nursing institutions attached with Bhola District Hospital	30
	2. Nursing institutions attached with Pirojpur District Hospital	30
	3. Nursing institutions attached with Barguna District Hospital	30
Chittagong	4. Nursing institutions attached with Brahmanbaria District Hospital	30
	5. Nursing institutions attached with Cox's Bazar District Hospital	30
	6. Nursing institutions attached with Feni District Hospital	30
	7. Nursing institutions attached with Chandpur District Hospital	30
Dhaka	8. Nursing institutions attached with Munshiganj District Hospital	30
	9. Nursing institutions attached with Netrakona District Hospital	30
	10. Nursing institutions attached with Rajbari District Hospital	30
	11. Nursing institutions attached with Gopalganj District Hospital	30
	12. Nursing institutions attached with Madaripu District Hospital	30
	13. Nursing institutions attached with Jamalpur District Hospital	30
	14. Nursing institutions attached with Kishoreganj District Hospital	30
	15. Nursing institutions attached with Sherpur District Hospital	30
Khulna	16. Nursing institutions attached with Bagerhat District Hospital	30
	17. Nursing institutions attached with Chuadanga District Hospital	30
	18. Nursing institutions attached with Magura District Hospital	30
	19. Nursing institutions attached with Satkhira Hospital	30
	20. Nursing institutions attached with Jhenaidah District District Hospital	30
Rajshahi	21. Nursing institutions attached with Chapainowabganj District Hospital	30
	22. Nursing institutions attached with Joypurhat District Hospital	30
	23. Nursing institutions attached with Naogaon District Hospital	30
Sylhet	24. Nursing institutions attached with Maulvibazar District Hospital	30
	25. Nursing institutions attached with Habiganj District Hospital	30
Rangpur	26. Nursing institutions attached with Kurigram District Hospital	30
	27. Nursing institutions attached with Thakurgaon District Hospital	30
	28. Nursing institutions attached with Nilphamari District Hospital	30
	29. Nursing institutions attached with Panchagarh District Hospital	30
	Total seats	870
	Grand total	1,550

Table 16.20. Private nursing institutions, with number of seats (December 2011)

Division	Name of nursing institution	No. of seats	
Chittagong	1. Nursing Institute attached with Chandraghona Missionary Hospital	30	
	2. Jemison Red Crescent Nursing Institute, 395 Andorkillah, Chittagong	50	
	3. Nursing Institute, Chottogram Ma O Shishu Hospital, Agrabad, Chittagong	25	
	4. Comilla Diabetic Hospital Nursing Institute, Comilla	40	
	5. Begum Osman Ara College of Nursing, (BGC Trust), Chandanaish, Chittagong	50	
Dhaka	6. Fatima Nursing Institute, Moghbazar, Dhaka	50	
	7. Kumudini Nursing School, Mirzapur, Tangail	50	
	8. CRP Nursing Institute, Savar, Dhaka	40	
	9. Diabetic Association Nursing Institute, Jhiltuli, Faridpur	40	
	10. B.A. Siddiqui Nursing Institute, Holy Family Red Crescent Medical College hospital, Moghbazar, Dhaka	50	
	11. Jahurul Islam Nursing Institute, Bajitpur, Kishoreganj	50	
	12. Nursing Institute, Central Hospital, Dhaka	20	
	13. Nursing Institute, Christian Health Project, Joy Ramkura, Haluaghat, Mymensingh	20	
	14. Nursing Institute, Shishu Shaasthya Foundation Hospital, Mirpur, Dhaka	20	
	15. Nursing Institute, Uttara Women Medical College Hospital, Dhaka	25	
	16. TMMC Nursing Institute, Targas, Board Bazar, Gazipur	50	
	17. Green Life Hospital Nursing Institute, Dhanmondi, Dhaka	40	
	18. Shahid Mansur Ali Nursing Institute, Uttara, Dhaka	20	
	19. Dhaka Community Nursing Institute, Wireless Gate, Moghbazar, Dhaka	30	
	20. Community Based Nursing Institute, Mymensingh	50	
	21. East west Nursing Institute, Dhaka	40	
	22. Gramin Calidunian College of Nursing, Mirpur, Dhaka	50	
	23. IBN Sina Nursing Institute, Dhaka	50	
	Khulna	24. Ad-Din Nursing Institute, Jessore	30
		25. CSS Nursing Institute, Khulna	30
		26. GMR Nursing Institute, Sonadanga, Khulna	30
		27. Safina Nursing Institute, Kushtia	30
	Rajshahi	28. Nursing Institute attached with Khaja Yunus Ali Medical College Hospital, Enayetpur, Srajganj	50
29. Nursing Institute attached with Rajshahi Missionary Hospital		20	
30. Pabna Community Nursing Institute, Sathia, Pabna		40	
31. Islami Bank Medical College Hospital Nursing Institute, Rajshahi		80	
32. Shah Maghdum Nursing Institute, Bowalia, Rajshahi		30	
33. TMSS Nursing College, Thengamara, Bogra		50	
Sylhet	34. North East Nursing Institute, Sylhet	70	
	35. Begum Rabeya Khatun Chowdhury Nursing Institute, Sylhet	30	
Rangpur	36. Rangpur Community Nursing Institute, Rangpur	50	
	37. Prime Nursing College, Rangpur	40	
	38. Lamb Nursing Institute, Parbotipur, Dinajpur	50	
	39. Institute of Nursing Science, Dinajpur	50	
Total seats		1,520	

Private-sector institutions to produce midwives

There are 11 junior midwifery institutions in the private sector, with total seats of 300, to produce midwifery professionals (18 months cours). Table 16.21 shows the list.

Training facilities for production of community-based skilled birth attendants

To facilitate attendance at childbirths by skilled health personnel, the Ministry of Health and Family Welfare has a program to produce community-based skilled birth attendants. There are 41 facilities—39 in the government sector and 2 in the private sector to provide training in this regard. Table 16.22 shows the location of the training facilities.

Training schools for production of medical assistants

Medical assistants (Now to be addressed as Sub Assistant Community Medical Officer) assist the medical doctors posted at the upazila health complexes and below level Health facilities. Medical assistants are produced by Medical Assistant Training School (MATS) through a three-year academic course comprising theoretical and practical classes. Currently, there are 8 MATS in the government sector and 84 in the private sector. Total annual production-capacity is 5,705, of which 700 are produced by the government MATS and 5,005 by the private MATS. Table 16.23 and 16.24 show the list of MATS.

Table 16.21. Junior midwifery institutions, with number of seats in each (December 2011)

Division	Name of nursing college	No. of seats
Chittagong	1. Junior Midwifery Institute, Red Crescent Matrisadan Hospital, Chandpur	20
	2. Jemison Red Crescent Midwifery Institute, Agrabad, Chittagong	50
	3. Christian Hospital, Chandroghona, Rangamati	20
	4. Junior Midwifery Institute, Memon Hospital, City Corporation, Chittagong	30
Dhaka	5. Junior Midwifery Institute, Holy Family Red Crescent Hospital, Dhaka	60
	6. Junior Midwifery Institute, Shaheed Moyez Uddin Memorial Red Crescent Matrisadan Hospital, Bangla Bazer, Dhaka	20
	7. Junior Midwifery Institute, Kumudini Hospital, Mirzapur, Tangail	20
Khulna	8. Junior Midwifery Institute Ad-Din Matrisadan Hospital, Jessore	20
	9. Junior Midwifery Institute, Fatema Hospital, Jessore	20
Rajshahi	10. Junior Midwifery Institute, Christian Hospital, Bogra	20
Rangpur	11. Prime Nursing College, Rangpur	20
Total seats		300

Table 16.22. Training institutions for production of community-based skilled birth attendants (December 2011)

Ownership	Type of facility	Location	No. of facilities
Government	CSBA institutions run by civil surgeon and attached with general hospital/district hospital	Narayanganj (WHO), Manikganj, Kishoreganj, Jamalpur, Habiganj, Gopalganj, Narsingdi, Nilphamari, Natore, Naogaon, Kurigram, Panchagarh, Gaibandha, Jhenaidah, Bagerhat, Rajbari, Madaripur, Munshiganj, and Chandpur	19
	Family Welfare Visitor Training Institute	Tangail (WHO), Barisal, Faridpur, Comilla (WHO), Kushtia, Sylhet, Rangamati, Dhaka, Rajshahi, Bogra, Dinajpur, and Khulna (WHO)	12
	CSBA institutions attached with nursing institutions	Noakhali, Jessore, Satkhira, Thakurgaon, Feni, Joypurhat, Pabna, Brahmanbaria, Netrakona, Chuadanga, Cox's Bazar, Patuakhali, Chapainowabganj, and Sirajganj	14
Private	CSBA institutions	Kumudini Hospital, Mirzapur, Tangail and Lamb Hospital, Parbotipur, Dinajpur	2
Total seats			41

Table 16.23. Government Medical Assistant Training Schools (MATS), with number of seats (December 2011)

Division	Name of MATS	No. of seats
Chittagong	Medical Assistant Training School, Comilla	50
	Medical Assistant Training School, Noakhali	100
Dhaka	Medical Assistant Training School, Faridpur	50
	Medical Assistant Training School, Tangail	100
Khulna	Medical Assistant Training School, Bagerhat	150
	Medical Assistant Training School, Kushtia	100
	Medical Assistant Training School, Jhenaidah	50
Rajshahi	Medical Assistant Training School, Sirajganj	100
Total seats		700

Table 16.24. Private Medical Assistant Training Schools (MATS), with number of seats (December 2011)

Division	Name of institution	Year of establishment	No. of seats
Chittagong	Thakur Para Medical Assistant Training School, Thakur Para, Comilla	2008	50
	Chittagong Institute of Medical Technology, Chittagong	2011	50
	Moynamoti Medical Assistant Training School, Comilla	2011	50
	Noakhali Paramedical Centre (NPCMATS)	2011	50
	Brahmanbaria Medical Assistant Training School, Brahmanbaria	2011	50
	Chandpur Medical Assistant Training School, Chandpur	2010	50
Dhaka	Advance Medical Assistant Training School, Green Road, Dhaka	2008	100
	AR Medical Assistant Training School, Mohammadpur, Dhaka	2009	75
	Bangladesh Medical Assistant Training School, Uttara, Dhaka	2009	50
	Dhaka Medical Assistant Training School, Mirpur, Dhaka	2008	100
	New Pilot Medical Assistant Training School, Tangail Sadar	2009	50
	Rabeya Medical Assistant Training School, Savar, Dhaka	2008	75
	Rampura Medical Assistant Training School, Rampura, Dhaka	2008	80
	Rumdo Medical Assistant Training School, Mymensingh	2008	75
	SAIC Institute of Medical Assistant, Mirpur, Dhaka	2008	40
	SIMT Medical Assistant Training School, Kalabagan, Dhaka	2008	100
	Spark SIMT Medical Assistant Training Academy, Mirpur, Dhaka	2008	60
	SPKS Medical Assistant Training School, Mirpur, Dhaka	2008	75
	Sumona Medical Assistant Training School, Sadarghat, Dhaka	2007	60
	The Medical Assistant Training School, Mirpur, Dhaka	2008	125
	Trauma Medical Assistant Training School, Mohammadpur, Dhaka	2010	100
	Institute of Medical Assistants, Faridpur	2010	50
	Eden Medical Assistant Training School, Mirpur, Dhaka	2010	50
Tangail Medical Assistant Training School, Kumudini College Road, Tangail	2010	125	
Shyamoly Medical Assistant Training School, Mohammadpur, Dhaka	2010	100	

Table 16.24 Continued

Division	Name of Institution	Year of establishment	No. of seats
Dhaka	Taleb Ali Medical Assistant Training School, Natun Bazar, Mymensingh	2010	50
	Rajbari Community Medical Assistant Training School, Rajbari	2010	50
	National IM&DT MATS, Mohammadpur, Dhaka	2010	50
	Prince Medical Assistant Training School, Saver, Dhaka	2010	50
	Unilab Medical Assistant Training School, Magura	2010	50
	Khondoker Abdul Mannan Medical Institute (MATS), Kishoreganj	2011	50
	Reliable Medical Assistant Training School, Mirpur, Dhaka	2011	50
	Dr. Halima Khatun Medical Assistant Training School, Mymensingh	2011	50
	Jashim Uddin Medical Assistant Training Institute, New College Road, Jamalpur	2011	50
	Shahid SA Memorial Medical Institute, Uttara, Dhaka	2011	50
	Paramedical Institute, Chandon, Gazipur	2011	50
	Institute of Medical Technology & MATS, Narayanganj	2011	50
	Fortune Institute of Medical Technology, Dour Rajbari, Kamarpara Road, Turug Thana, Dhaka	2011	50
	New Turag General Hospital Private Limited, Station Road, Tongi, Dhaka	2011	50
	Rajdhani Medical Assistant Training School (Rajdhani MATS), Mirpur, Dhaka	2011	50
	Dhaka Microlab Institute of Medical Technology (IST, MATS)	2011	50
	Nidasa Medical Assistant Training School, 20/24 North South Road, Siddik Bazar, Dhaka	2011	50
	Bibartan Medical Assistant Training School, Mirpur, Dhaka	2012	30
	Matri Sheba Medical Training School (MATS), Konabari, Gazipur	2012	25
	Ideal Medical Training Institute & Health Technology, Mymensingh Road, Sabalia, Tangail	2011	50
Dr. Rubi Medical Assistant Training School, Shyamoly, Dhaka	2011	50	
Rajshahi	Green International Medical Assistant Training School, Rangpur	2008	150
	Health Ways Medical Assistant Training School, Bogra	2008	50
	Prime Medical Assistant Training School, Rangpur	2008	80
	Rajshahi Medical Assistant Training School, Rajshahi	2008	100
	SIMT Medical Assistant Training School, Nishindho, Bogra	2008	30
	TMSS Medical Assistant Training School, Bogra	2008	100
	Udayan Medical Assistant Training School, Rajshahi	2008	180
	Medical Assistant Training School, Joypurhat	2010	50
	Ideal Medical Technology, Sherpur Road Koloni, Bogra	2011	50
	People's International Medical Assistant Training School, Airport Sarak, Sapura, Rajshahi	2011	50
	Galaxy Medical Assistant Training School, Sapura, Rajshahi	2011	50
	Pabna Community Medical Assistant Training School, Bisnopur, Sathia, Pabna	2011	50
	Bangladesh Institute of Medical Technology, Hetem Kha, Bowalla, Rajshahi	2011	50
	PIMT Medical Assistant Training School, (MATS), Bogra	2011	50
	Natore Medical Assistant Training School, Natore	2011	50
	ASI Medical Assistant Training School, (MATS), Sirajganj	2011	50

Table 16.24 Continued

Division	Name of Institution	Year of establishment	No. of seats
Rajshahi	NDC Medical Assistant Training School, (NDC MATS), Paharpur Road, Khanjonpur, Joypurhat.	2011	75
	Pabna Medical Assistant Training School, Mujib Palace, PP Road, Singa, Pabna	2011	50
	Sirajganj Modern Medical Training School, Coddarmore, Sirajganj	2012	25
	Morning Glory Medical Assistant Training School, Shibtola, Chapainowabganj	2011	50
	SDDL Medical Assistant Training School (MATS), Bogra	2011	50
	Prime Institute of Medical Technology, 213/A Talaimari, Rajshahi	2011	50
Khulna	Alo Medical Assistant Training School, Alo Bhaban, NS Road, Kushtia	2011	50
	State Medical Assistant Training Academy, Mill Gate Sarak, Kaliganj, Jhenaidah	2011	50
	Ideal Medical Assistant Training School(MATS),Poura College Para, Chuadanga	2012	25
	Uttar Banga Medical Assistant Training School, Uttar Banga MATS	2011	50
	Khulna Medical Assistant Training School(MATS), Khulna	2011	50
	Dr.Liza Raton Medical Assistant Training School, 42/1 NS Road, Kushtia	2011	75
Barisal	Morning Sun Medical Assistant Training School(MATS), Nabogram Road, Barisal	2012	25
Rangpur	Rangpur Medical Assistant Training School, Rangpur	2010	50
	Anwara Medical Assistant Training School, Dinajpur	2010	75
	Janata Medical Assistant Training School, Nageshori, Kurgram	2011	50
	Central Medical Assistant Training School (MATS), Rangpur	2011	50
	Rankin Medical Assistant Training School, Lalmonirhat	2010	50
Sylhet	Jalalabad Medical Assistant Training School, Sylhet	2008	50
	Maulvibazar Medical Assistant Training School, Kushumbag, Maulvibazar	2008	80
	Sylhet Medical Assistant Training School, Sylhet	2008	40
No. of private MATS=84		Total seats	5,005

Institutes of Health Technology (IHT) for production of medical technologists

Medical technologists are laboratory technologists or staffs responsible for technical jobs under the supervision of medical experts. There was an acute shortage of medical

technologists in the country. However, a steady growth of private institutions has been noticed and now, there are 75 private institutions for training in medical technology against only 7 in the government sector. Table 16.25 shows the list of government IHTs, and Table 16.26 shows the list of private IHTs.

Table 16.25. List of government Institutes of Health Technology, with number of seats by discipline (December 2011)

Division	Name of institute with location	Estd.	Discipline								Total
			LAB	RDL	PTY	SI	DENT	PHAR	RTY	FF&TR	
Dhaka	Institute of Health Technology, Mohakhali, Dhaka	1963	50	50	50	50	50	50	20	5+2	327
Rajshahi	Institute of Health Technology, Rajshahi	1976	50	50	50	50	50	50	20	5+1	326
	Institute of Health Technology, Bogra	2006	65	55	50	50	55	55	20	5+2	357
Chittagong	Institute of Health Technology, Chittagong	2011	50	50	50	50	50	50	20	5+2	327
Barisal	Institute of Health Technology, Barisal	2011	50	50	50	50	50	50	20	5+2	327
Rangpur	Institute of Health Technology, Rangpur	2011	50	50	50	50	50	50	20	5+2	327
Khulna	Institute of Health Technology, Jhenaidah	2012	50	0	0	0	0	0	0	0	50
Total institutes=7		Total seats	365	305	300	300	305	305	120	41	2,041

LAB= Laboratory; RDL=Radiology; PTY=Physiotherapy; SI=Sanitary Inspection; DENT=Dentistry; PHAR=Pharmacy; RTY=Radiotherapy; FF&TR=Children of freedom fighters and tribal students

Table 16.26. Updated list of private Institutes of Health Technology, with number of seats by discipline

Division	Name of institute with location	Estd.	Discipline							Total
			LAB	RDL	PTY	DENT	PHAR	Other ¹	Other ²	
Chittagong	C.S.C.R. Institute of Medical Technology, Golpaha, Chittagong	2008	35	0	25	25	30	0	0	115
	Comilla Institute of Medical Technology, Laksam Road, Comilla	2007	25	25		25	25			100
	Chittagong Institute of Medical Technology Hallshahar, Chittagong	2005	50	0	0	50	50	0	0	150
	Comilla Institute of Medical Technology, Thakurpara, Comilla	2007	25	25	0		25	0	0	75
	Ilah College of Medical Technology, Nahar Kutir, East Bank of Ranir Dighi, Comilla	2005	25	0	0	0	25	0	0	50
	Institute of Medical Technology, 180 Firingbazar, City Corporation, Chittagong	2003	50	50	0	50	0	0	0	150

Table 16.26 Continued

Division	Name of institute with location	Estd.	Discipline							Total
			LAB	RDL	PTY	DENT	PHAR	Other ¹	Other ²	
Dhaka	Cox's Bazar Institute of Medical Technology, Cox's Bazar	2011	30	30	0	30	0	0	0	90
	United Care Institute of Medical Technology, Madhyapara, Brahmanbaria	2010	25	0	0	15	0	0	0	40
	Compact Medical Institute, Hazari Road, Feni	2011	25	0	0	0	25	0	0	50
	A.R. Institute of Medical Technology, Nabodoy Housing Society, Mohammadpur, Dhaka	2008	50	25	50	50	50	0	0	225
	Ahsania Mission Institute of Health Technology, Mirpur, Dhaka	2008	25	25	25	0	0	0	0	75
	Armed Forces Institute of Medical Technology, Dhaka Cantonment, Dhaka	2010	25	25	25	25	25	10 (OTA)	15 (ICA)	150
	Bangladesh Institute of Medical & Dental Technology, Iqbal Road, Mohammadpur, Dhaka	1996	85	20	20	25	0	0	0	150
	Bangladesh Medical College, Dhaka		0	0	25	0	0	0	0	25
	Center for Rehabilitation of the Paralysed, Savar, Dhaka	1999	50	50	50	0	0	0	Occu 050	200
	Dhaka Institute of Health Technology, Humayun Road, College Gate, Mohammadpur, Dhaka	2008	50	0	25	30	40	0	0	145
	Fortune Institute of Medical Technology, Jasim Uddin Road, Uttara, Dhaka	2007	50	25	0	50	50	0	0	175
	Gonoshasthya Institute of Health Sciences, Tengra, Sreepur, Gazipur	2006	50	0	0	50	0	0	0	100
Green View IHT, Green Road, Dhanmondi, Dhaka	2002	40	0	0	40	25	0	0	105	

Table 16.26 Continued

Division	Name of institute with location	Estd.	Discipline							Total
			LAB	RDL	PTY	DENT	PHAR	Other ¹	Other ²	
Dhaka	Institute of Medical Technology, Rajbari	2010	50	0	0	0	50	0	0	100
	Institute of British Columbia Medical Technology, Uttara, Dhaka	2008	40	0	25	25	35	0	0	125
	Institute of Community Health Bangladesh, Moghbazar, Dhaka	2005	50	0	25	25	25	0	0	125
	Institute of Medical Technology, Mirpur, Dhaka	2000	100	0	0	50	50	0	0	200
	Institute of Medical & Dental Technology, Tangail	2007	50	25	0	25	50	0	0	150
	International Institute of Health Sciences, Shankar Bus-stand, Dhaka	2006	70	0	0	50	40	0	0	160
	Institute of Medical Technology, Tamizuddin Road, Jhiltuli, Faridpur	2005	50	0	0	25	25	0	0	100
	Jefti Institute of Health Sciences & Technology, Dhanmondi, Dhaka	2009	50	50	50	50	50	0	0	250
	Marks Institute of Medical Technology, Mirpur, Dhaka	2002	50	0	0	50	50	0	0	150
	Millennium Institute of Medical Technology, Bacharam Dewry, Dhaka	2007	25	25	0	25	0	0	0	75
	National Institute of Medical & Dental Technology, Mohammadpur, Dhaka	2005	34	0	0	0	31	0	0	65
	National Institute of Medical Technology, Uttara Model Town, Dhaka	2003	50	0	0	50	50	0	0	150
	New Lab Institute of Medical Tech, Asad Gate, Mohammadpur, Dhaka	2005	70	0	0	30	30	0	0	130
	Prince Institute of Medical Technology, Savar, Dhaka	2008	45	0	0	30	40	0	0	115

Table 16.26 Continued

Division	Name of institute with location	Estd.	Discipline							Total
			LAB	RDL	PTY	DENT	PHAR	Other ¹	Other ²	
Dhaka	Prof. Shuhrabuddin Institute of Medical Technology, Sabalia, Tangail	2007	75	0	25	45	45	0	0	190
	Radiant Institute of Medical Technology Green Road, Dhaka	2003	40	0	0	40	0	0	0	80
	Rumdo Institute of Medical Technology, Boundary Road, Mymensingh	2007	60	0	0	0	25	0	0	85
	SAIC Institute of Medical Technology Mirpur, Dhaka	2005 & 2008	70	10	25	40	40	0	0	185
	Shahid S.A. Memorial Institute of Medical Technology, Uttara, Dhaka	2007	40	0	0	25	25	0	0	90
	Shyamoly Ideal Institute of Medical Technology, Dhaka	2010	50	0	50	50	50	0	0	200
	State University of Bangladesh, Iqbal Road, Mohammadpur, Dhaka	2008	0	0	0	0	0	0	50 (Optometry)	50
	Sumona Institute of Medical Technology, Sadarghat, Dhaka	2007	50	0	0	30	50	0	0	130
	Trauma Institute of Medical Technology, Shyamoly, Dhaka	2008	75	50	0	25	50	75	50	200
	Khristian Institute of Medical Technology, West Tejturi Bazar, Tejgaon, Dhaka	2010	30	0	0	0	30	0	0	60
	Rampura Institute of Medical Technology, Rampura, Dhaka	2010	60	0	0	0	50	0	0	110
	Central Institute of Health Science (Diploma Course), Mirpur, Dhaka	2012	25		25					50
	Dhaka Microlab Institute of Medical Technology, Shahjadpur, Gulshan, Dhaka	2010	30	0	0	15	30	0	0	75
	Institute of Medical Technology, Jalkuri, Narayanganj	2010	25	0	0	15	25	0	0	65
Bhairab Institute of Medical Technology, Kishoreganj	2010	25	0	0	15	25	0	0	65	

Table 16.26 Continued

Division	Name of institute with location	Estd.	Discipline							Total
			LAB	RDL	PTY	DENT	PHAR	Other ¹	Other ²	
Dhaka	Uttara Crescent Institute of Medical Technology, Dhaka	2011	25	25	25	25	25	0	0	125
	Dialab Institute of Medical Technology, Lalbag, Dhaka	2011	25	25	25	0	25	0	0	100
	Mymensingh BNSB Institute of Community Ophthalmology, Mymensingh	2011	0	0	0	0	0	MLOP Asstt.20	0	20
	SPKS Medical Assistant Training School, (IHT also) Mirpur, Dhaka	2011	25	0	0	0	25	0	0	50
Khulna	Ad-Din Women's Institute of Health Technology, Jessore	2007	25	25	0	25	25	0	0	100
	SAIC Institute of Medical Technology, Khulna	2010	50	0	30	50	50	0	0	180
Barisal	Advance Institute of Medical & Dental Technology, Barisal	2010	50	0	0	0	25	0	0	75
Rajshahi	Bangladesh Institute of Medical Technology Haji Mohsin Road, Dilalpur, Pabna	2007	30	0	30	30	30	0	0	120
	DOD Institute of Medical Technology, Dinaipur	2010	50	50	0	0	0	0	0	100
	Health Ways Institute of Medical Technology, Bogra	2002	100	0	0	31	50	0	0	181
	Islami Bank Institute of Medical Technology, Rajshahi	2007	50	25	0	25	50	0	0	150
	Janata Institute of Medical Technology, Bogra	2002	50	0	0	40	25	0	0	115
	Joypurhat Institute of Medical Technology, Joypurhat	2010	50	0	0	0	50	0	0	100
	Prime Institute of Medical Technology, 213/A Talaimari, Rajshahi	2006	100	0	0	50	50	0	0	200
	Brahmanbaria Institute of Medical Technology, Baharampur, Rajshahi	2010	25	0	0	0	25	0	0	50
Naogaon Institute of Medical Science & Technology, Kazirmeer, Naogaon	2011	25	0	0	25	25	0	0	75	

Table 16.26 Continued

Division	Name of institute with location	Estd.	Discipline							Total
			LAB	RDL	PTY	DENT	PHAR	Other ¹	Other ²	
Rajshahi	Rajshahi Institute of Medical Technology, Laxmipur, Rajshahi	2002	50	0	0	50	70	0	0	170
	Shah Maghdum Instute of Medical Technology, Boalia, Rajshahi	2011	30			20	20			70
	SAIC Institute of Medical Technology, Bogra	2008	50	0	0	25	50	0	0	125
	TMSS Institute of Medical Technology, Thengamara, Bogra	2007	100	40	0	30	50	0	0	220
	City Institute of Medical Technology, Rajshahi	2010	25	0	0	0	25	0	0	50
	Bangladesh Institute of Medical Technology, Bowalia, Rajshahi	2010	25	0	0	0	25	0	0	50
	NDC Institute of Medical Technology, Joypurhat, Rajshahi	2010	50	0	0	0	50	0	0	100
	Sirajganj Institute of Medical Technology, Sirajganj	2010	25	0	0	15	25	0	0	65
	Morning Glory Medical Assistant Training School, Shibtola, Chapainowabganj	2011	25	0	0	0	25	0	0	50
Rangpur	Prime Institute of Science & Medical Technology, Rangpur	2007	100	0	0	25	50	0	0	175
	Rangpur Medical Assistant Training School	2011	25	25	25	0	25	0	0	100
Total no. of institutions=75		Total seats	3,289	700	580	1,666	2,236	105	165	8,616

LAB= Laboratory; RDL=Radiology; PTY=Physiotherapy; SI=Sanitary Inspection; DENT=Dentistry; PHAR=Pharmacy; RTY=Radiotherapy; FF&TR=Children of freedom fighters and tribal students; Superscript 1 and 2 upon 'Other' indicate to different categories of discipline

Some private institutions offer certificate courses on medical technology. Table 16.27 lists these institutions.

There are initiatives also to start bachelors degree courses for medical technology. Three

government institutions and 15 private institutions started Bachelor of Science (BSc) course in medical technology. Table 16.28 lists the government institutions and Table 16.29 the private institutions offering BSc courses in medical technology.

Table 16.27. List of government and private institutions offering certificate courses in medical technology, with number of seats by discipline (December 2011)

Division	Name of institute with location	Estd.	Optometrist	Refraction	Ophthalmic assistant	Ophthalmic nursing assistant	Cathlab tech	Total
Chittagong Dhaka	Bangladesh Jatiyo Andho Kallyan Samity, Comilla	2008	25	0	25	0	0	50
	Bangladesh Islamia Eye Hospital, Dhaka	2008	25	25	25	25	0	100
	Fashion Eye Hospital Limited, Fashion Tower, 98/60A Baro Moghbazar, Dhaka	2008	0	10	10	0	0	20
	NICVD&H	2010	0	0	0	0	10	10
Total no. of institutions=4		Total seats	50	35	60	25	10	180

Table 16.28. Government institutions offering BSc courses in medical technology, with name of discipline and number of seats (December 2011)

Division	Name of institute with location	Estd.	Physiotherapy	Laboratory Medicine	Dental	Total
Dhaka	NITOR, Sher-e-Bangla Nagar, Dhaka	1993	25	0	0	25
	Institute of Health Technology, Mohakhall, Dhaka	2007	30	30	60	120
Rajshahi	Institute of Health Technology, Rajshahi	2007	30	30	60	120
No. of Institutions=3		Total seats	85	60	120	265

Table 16.29. Private institutions offering BSc course in medical technology (December 2011)

Division	Name of institute with location	Estd.	Physiotherapy	Laboratory Medicine	Dentistry	Occupational Therapy	Others	Total
Dhaka	Bangladesh Health Professionals Institute, Savar, Dhaka	2007	20	0	0	10	15 (Speech therapy)	45
	Bangladesh Medical College, Dhanmondi, Dhaka	2008	0	0	0	0	0	0
	Bangladesh Shishu Shasthya Institute, Sher-e-Bangla Nagar, Dhaka	2008	0	25	0	0	0	25
	Gono Shasthya University, Savar, Dhaka	2005	60	0	0	0	0	60
	Institute of Medical Technology, Mirpur, Dhaka	2007	0	30	30	0	0	60
	International Institute of Health Science, Shewrapara, Dhaka	2010	30	30	30	0	0	90

Table 16.29 Continued

Division	Name of institute with location	Estd.	Physio-therapy	Laboratory Medicine	Denti-stry	Occu-pational Therapy	Others	Total
Dhaka	Mark's Institute of Medical Technology, Mirpur, Dhaka	2008	0	50	50	0	0	100
	New Lab Institute of Medical Technology, Iqbal Road, Mohammadpur, Dhaka	2010	0	30	30	0	0	60
	SAIC Institute of Medical Technology, Dhaka	2007	50	50	50	0	0	150
	Prof.Shohrab Uddin Institute of Medical Technology,Sabalia, Tangail	2011	25	50	25	0	0	100
	Trauma Institute of Medical Technology, Shaymoli, Dhaka	2011	50	75	0	0	0	125
	Bangladesh Institute of Medical & Dental Technology	2011	0	25	25	0	0	50
	Green View Institute of Medical Technology, Green Road, Dhaka	2011	0	50	0	0	0	50
	State University, Mohammadpur, Dhaka	2006	50	30	30	0	50 (Opto-metry)	160
	The People's University, Dhanmondi, Dhaka	2007	25	0	0	0	0	25
Chittagong	Chittagong Institute of Medical Technology, Halishahar, Chittagong	2008	0	50	50	0	50 (Ph)	150
Rajshahi	Institute of Health Technology, Tuni Bhaban, Rajshahi	2007	0	25	0	0	0	25
	Prime Institute of Health Technology, Talaimari, Rajshahi	2007	50	0	50	0	0	100
	Prime Institute of Science & Technology, Rangpur	2008	0	75	0	0	0	75
Total no. of institutions=19		Total seats	360	595	370	10	115	1,450

On-the-job training provided under the Operational Plan of In-service Training
Under the Operation Plan of In-service Training, a large of number of health personnel and support

staff receive on-the-job training each year. A summary of the types of training programs and the number of participants in these training programs is given in Table 16.30.

Table 16.30. Types of training given under Operational Plan of In-service Training in FY 2011-2012 and the number of participants in the training programs

Title of training	Total no. of batches completed	No. of participants attended
1-day orientation for awareness building on fistulae prevention and care for field service providers and social representatives	25	625
28-day basic computer training for health personnel	13	195
6-day training on nutrition for field service providers	35	770

Table 16.30 Continued

Title of training	Total no. of batches completed	No. of participants attended
6-day training for physicians on primary management and prevention of kidney and urological diseases	7	168
5-day training on asthma prevention and management for doctors	15	225
1-day orientation on cervical and breast cancer awareness for opinion leaders	25	625
6-day ESD refresher training for field service providers	35	770
7-day management training of cardiac emergency for health personnel at division, district and upazilla levels	7	161
3-day orientation training on kidney and urological diseases for health workers	30	750
2-day orientation on early detection of breast and cervical cancer for doctors and nurses	16	400
28-day Arabic language course for nurses	6	90
6-day training on kidney and urological diseases for nurses	9	225
3-day refresher training for doctors on basic service management	27	648
6-day training for dental surgeons on recent advances in dentistry	8	160
28-day English language course for nurses	8	112
5-day training on standard operating procedures (SOP) regarding IPD, OPD, OT, emergency, house-keeping, record-keeping, nursing services, diagnostic services, etc. for service providers of primary, secondary and tertiary hospitals	21	525
3-day training for SSN, SNs, ASN, MTs, and others on proper use and preventive maintenance of medical equipment	25	605
3-day training for doctors on rational use of antimicrobials	7	140
Upgrading of training management information system (TMIS)	Under progress	
Curriculum for 20 activities	20	670

Yearly output from medical and dental colleges of Bangladesh

Table 16.31 shows the year-wise number of new doctors produced from various medical and dental colleges of Bangladesh.

Table 16.31. Year-wise number of new doctors produced from various medical and dental colleges

Name of medical or dental college	2005	2006	2007	2008	2009	2010	2011	Total
Dhaka Medical College	158	132	170	207	147	132	178	1124
Sir Salimullah Medical College	148	174	142	153	155	146	170	1088
Rajshahi Medical College	176	160	130	147	139	170	164	1086
Rangpur Medical College	192	151	158	83	0	185	23	792
Mymensingh Medical College	181	150	149	124	162	184	155	1105
Chittagong Medical College	279	198	174	125	142	181	147	1246
M.A.G. Osmani Medical College	165	296	197	127	161	160	155	1261
Sher-e-Bangla Medical College	188	170	149	136	143	166	164	1116
Faridpur Medical College	38	78	40	42	59	59	60	376
SZR Medical College, Bogra	67	59	78	46	0	56	93	399

Table 16.31 Continued

Name of medical or dental college	2005	2006	2007	2008	2009	2010	2011	Total
Dinajpur Medical College	39	49	62	41	50	52	75	368
Khulna Medical College	54	48	43	47	61	46	80	379
Comilla Medical College	52	57	54	40	52	60	49	364
Dhaka Dental College	307	309	326	69	79	97	129	1,316
Chittagong Dental College	9	0	0	0	18	36	59	122
Rajshahi Dental College	15	0	0	0	37	33	13	98
Total	2,068	2,031	1,872	1,387	1,405	1,763	1,714	12,240

Figure 16 shows the percent distribution of medical and dental doctors produced from various medical and dental colleges in 2011. Table 16.32 shows the

year-wise percent distribution of male and female doctors produced from various medical and dental colleges from 2005 to 2011.

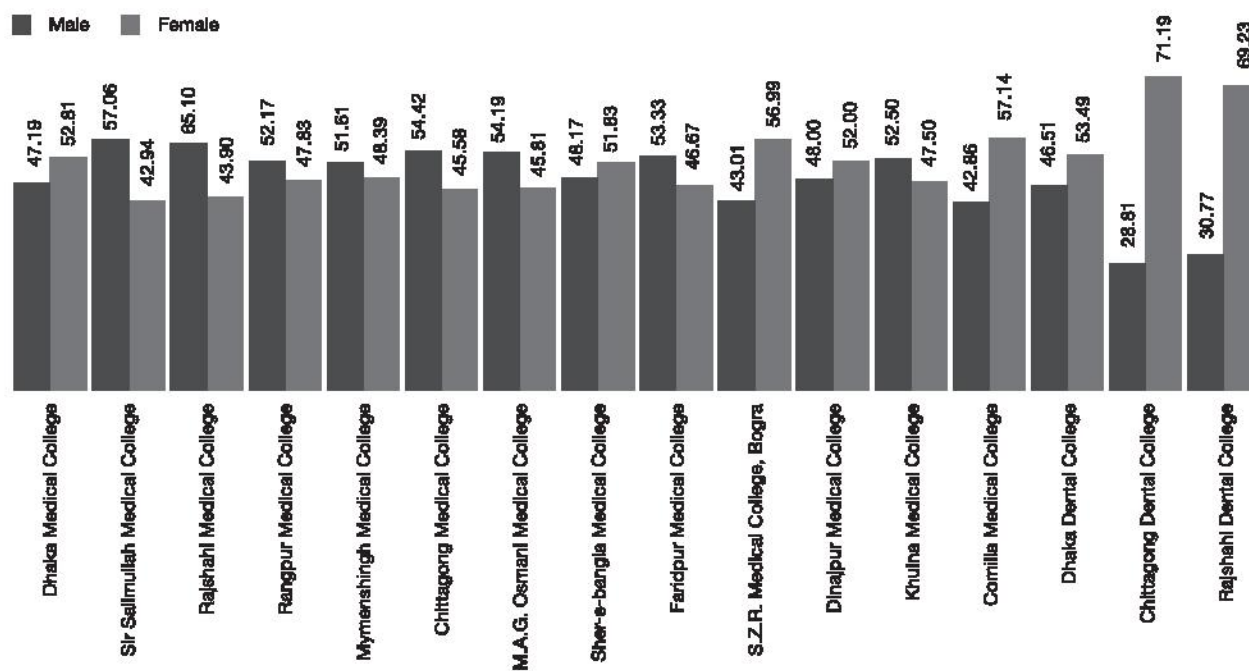


Figure 16. Percent distribution of male and female doctors produced from different medical and dental colleges of Bangladesh in 2011

Table 16.32. Percent distribution of male and female doctors produced from various medical and dental colleges from 2005 to 2011

Name of medical or dental college	2005		2006		2007		2008		2009		2010		2011	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Dhaka Medical College	47.5	52.5	52.3	47.7	57.6	42.4	69.6	30.4	59.2	40.8	53.8	46.2	47.19	52.81
Sir Salimullah Medical College	48.6	51.4	58.6	41.4	48.6	51.4	61.4	38.6	49.7	50.3	61.6	38.4	57.06	42.94
Rajshahi Medical College	55.1	44.9	63.8	36.3	70	45.4	61.2	38.8	49.6	50.4	32.9	67.1	56.10	43.90

Table 16.32 Continued

Name of medical or dental college	2005		2006		2007		2008		2009		2010		2011	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
Rangpur Medical College	59.9	40.1	47.7	52.3	51.9	48.1	38.6	61.4	46.1	53.9	58.4	41.6	52.17	47.83
Mymensingh Medical College	56.4	43.6	58.7	41.3	47.7	52.3	50.8	49.2	53.1	46.9	60.3	39.7	51.61	48.39
Chittagong Medical College	61.3	38.7	58.6	41.4	57.5	42.5	52	48	50.7	49.3	55.8	44.2	54.42	45.58
M.A.G. Osmani Medical College, Sylhet	53.3	46.7	45.9	54.1	56.9	43.1	48.8	51.2	55.9	44.1	56.9	43.1	54.19	45.81
Sher-e-Bangla ' Medical College	59.6	40.4	56.5	43.5	47.7	52.3	54.4	45.6	42	58	56	44	48.17	51.83
Faridpur Medical College	57.9	42.1	50	50	47.5	52.5	50	50	62.7	37.3	42.4	57.6	53.33	46.67
SZR Medical College, Bogra	52.2	47.8	35.6	64.4	50	50	50	50	50.9	49.1	32.1	67.9	43.01	56.99
Dinajpur Medical College	53.8	46.2	46.9	53.1	56.5	43.5	51.2	48.8	52	48	34.6	65.4	48.00	52.00
Khulna Medical College	53.7	46.3	64.6	35.4	55.8	44.2	51.1	48.9	47.5	52.5	54.4	45.7	52.50	47.50
Comilla Medical College	30.8	69.2	42.1	57.9	51.9	48.1	27.5	72.5	44.2	55.8	43.3	56.7	42.86	57.14
Dhaka Dental College	51.1	48.9	51.1	48.9	49.1	50.9	49.3	50.7	55.7	44.3	53.6	46.4	46.51	53.49
Chittagong Dental College	66.7	33.3	0	0	0	0	0	0	22.2	77.8	44.4	55.6	28.81	71.19
Rajshahi Dental College	60	40	0	0	0	0	0	0	46	54.1	33.3	66.7	30.77	69.23
Overall	54.5	45.5	53	47	53.4	47.7	54.7	45.3	50.8	49.2	48.6	51.6	50.18	49.82