

5. HUMAN RESOURCES IN HEALTH SECTOR

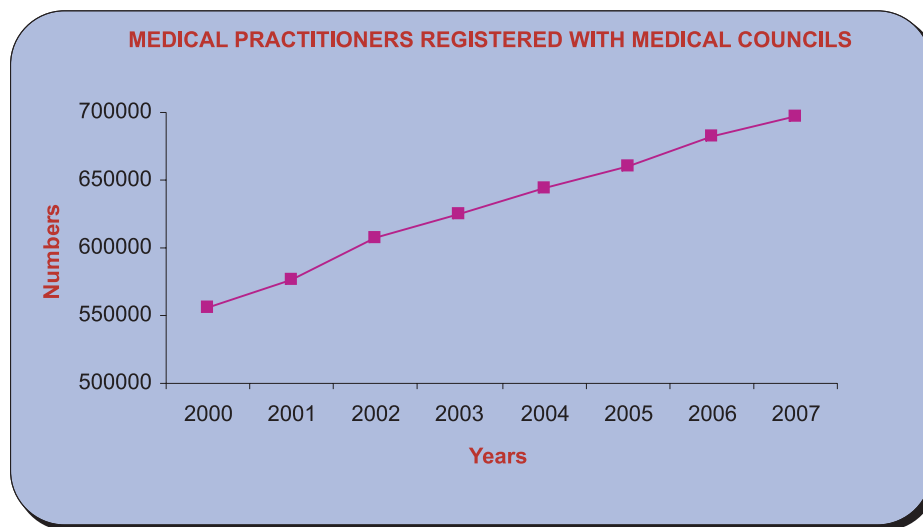
- 5.1 State/UT wise Number of Allopathic Doctors with Recognised Medical Qualifications (Under I.M.C Act) and Registered with State Medical Councils 2000-2007
- 5.2 Number of Dental Surgeons Registered with Dental Council of India 1994-2006
- 5.3 State/UT wise Number of Government Allopathic Doctors and Dental Surgeons & Average Population Served in India 2007
- 5.4 State/UT wise Number of Registered AYUSH Doctors in India as on 1.1.2007
- 5.5 State/UT wise Number of Registered Nurses & Pharmacists in India
- 5.6 State/UT wise Health Manpower in Rural Areas (Govt.) in India 2006

5. Human Resources in Health Sector

Human Resource indicators provide an overview of availability of trained and specialized medical, nursing and paramedical personnel in the country. It also gives an idea regarding regional distribution and disparities.

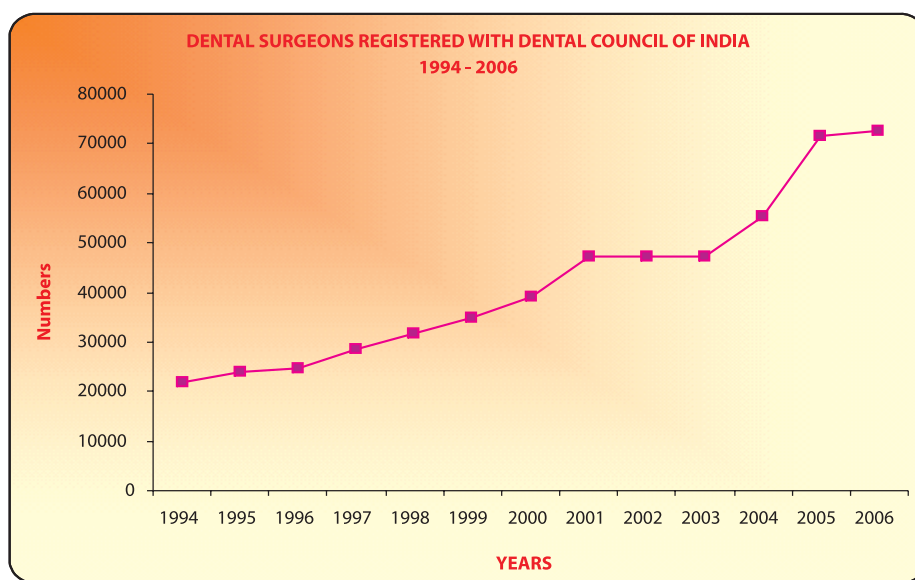
Human Resource indicators cover the details of allopathic doctors, dental surgeons, AYUSH doctors, nursing personnel and various paramedical health manpower in the country.

- ▶ Number of allopathic doctors possessing recognized medical qualifications (under IMC act) and registered with state medical councils for the years 2006 and 2007 were 682646 and 696747, respectively.



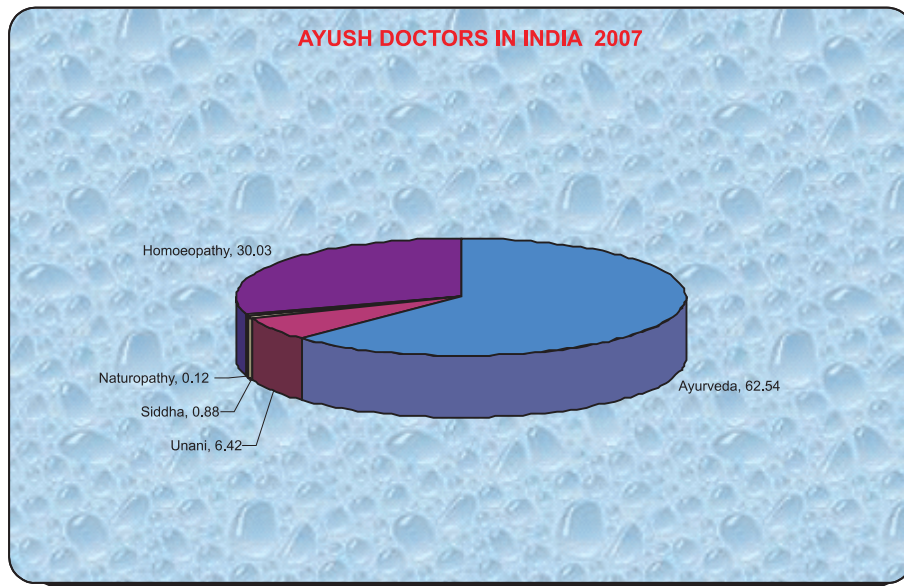
Source : Medical Council of India

- ▶ Number of Dental Surgeon Registered with Dental Council of India in 2005 were 78096.



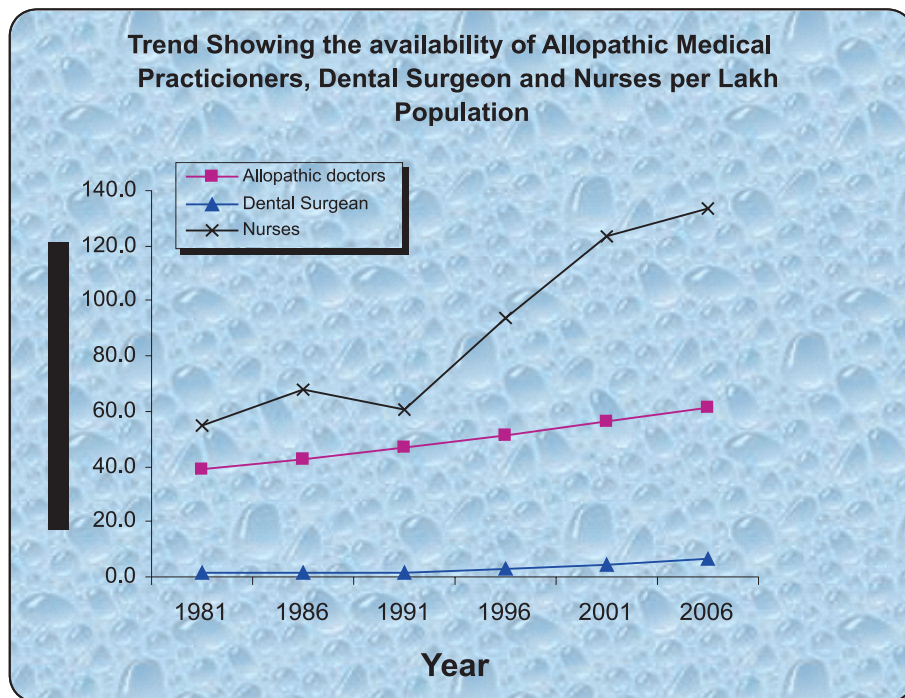
Source : Dental Council of India

- ▶ Total number of registered AYUSH Doctors in India 2007 was 725338



Source : Department of AYUSH, MOHFW, GOI

- ▶ There are increases in availability of Allopathic Medical Practitioners, Dental Surgeon and Nurses per Lakh Population over the years.



- ▶ CBHI has conducted a case study (2007) on “Managing Human Resource in Health in India”. The detailed report is available in CBHI website.

5.1 State/UT wise Number of Allopathic Doctors with Recognised Medical Qualifications (Under I.M.C Act) and Registered with State Medical Councils 2000-2007 (Provisional)

S. No.	State Medical Councils	2000	2001	2002	2003	2004	2005	2006	2007
	1	2	3	4	5	6	7	8	9
1	Andhra Pradesh	43102	44575	46398	48035	48696	48649	48649@	48649@
2	Assam	14253	14586	15060	15526	15849	16401	16800	17121*
3	Bhopal ¹	18181	19021	27440	28247	29003	29649	30430	31234*
4	Bihar	32226	33070	33720	34583	35111	35510	35979	36630*
5	Chattisgarh ^{\$}			1	101	285	470	654	899*
6	Goa	1916	2030	2128	2236	2360	2469	2550*	2550@
7	Gujarat	32177	33653	35174	36012	37194	38642	40230	41458*
8	Haryana	1065	1146	1234	1285	1332	1380	1406*	1406*
9	Himachal Pradesh	**	**	**	**	**	123	256	283*
10	Jammu & Kashmir	6344	6875	7317	7900	8284	8557	9222	9669*
11	Jharkhand [#]				91	183	553	756	851*
12	Karnataka	57464	61163	64012	65789	67864	68987	71909	74525*
13	Traven core-Cochin ²⁹⁰⁸⁷		30173	31353	31353	33418	34561	35477	35477@
14	Maharashtra	77278	80764	84536	88378	92327	96560	100428	100428@
15	Orissa	14009	14315	14640	14707	14973	15219	15573	15728*
16	Punjab	31859	32558	33206	33417	34104	34967	36100	36100@
17	Rajasthan	19744	20438	21198	21885	22567	23459	24777	24955*
18	Tamilnadu	63434	65771	68209	70357	72077	73211	75415	77780*
19	Uttar Pradesh	42452	43492	45295	46309	46604	47871	49527	50808*
20	West Bengal	49261	49941	50794	51961	53068	53521	54513	55200*
21	MCI Delhi	21694	23055	24435	25737	26468	27347	28525	30954
22	Delhi ^{##}	4	468	925	1514	2197	2750	3470	4042*
	Total	555550	577094	607075	625423	643964	660856	682646	696747

Notes:

1 Data as on 31st December of the year concerned

* Incomplete Information Received.

** Information not received

^{\$} Chattisgarh Medical Council started Registration Work in Year 2002

[#] Jharkhand Medical Council started Registration Work in Year 2003

^{##} Delhi Medical Council established in Year 2000

[@] Information not received for the concerned year, previous year information repeated

2 Figures 7644, the registration done by the Mahakoshal medical council up to 06.06.1979, has been added in the annual figure of year 2002 in MP medical council, Bhopal vide letter dated 23.01.2003 received from the registrar, M.P. Medical Council, Bhopal.

3 After merging of the Hyderabad Medical Council with Andhra Pradesh Medical Council from 1992, separate registration is not done by Hyderabad Medical Council and its constant figures of 13888 is being added with Andhra Pradesh figures in the above table.

Source: Medical Council of India

5.2 Number of Dental Surgeons Registered With Dental Council of India 1994- 2006

S.No.	Year	Dental Surgeons Registered
	1	2
1	1994	21720
2	1995	23953
3	1996	24656
4	1997	28705
5	1998	31728
6	1999	34761
7	2000	39105
8	2001	47204
9	2002	47165
10	2003	47318
11	2004	55344
12	2005	71421
13	2006	72497

Note:

- The figure 78096 shown against 2005 in the NHP 2006 has been revised under current figure 71421 by the Dental Council of India.
- Data as on 31st December of concerned year

Source: Dental Council of India

5.2.1 List of State dental Councils/Dentists Registration Tribunals State Dental Councils details upto 31.12.2006

S.No.	State/UT 1	Dental Surgeons Registered 2
1	Andhra Pradesh	3726
2	Assam	843
3	Bihar	2396
4	Chattisgarh	85
5	Delhi	3848
6	Goa	580
7	Gujarat	2558
8	Haryana	1723
9	Himachal Pradesh	406
10	Jammu & Kashmir	1090
11	Karnataka	19757
12	Kerala	5735
13	Madhya Pradesh	1643
14	Maharashtra	6857
15	Orissa	463
16	Punjab	3953
17	Rajasthan	364
18	Tamil Nadu	9876
19	Uttar Pradesh	4637
20	West Bengal	1957
	Total	72497

Note:

- Dentists Registration Tribunals/ State Dental Councils are yet to be formed in the following States/UTs
1. Andaman & Nicobar, 2. Manipur, 3. Nagaland, 4. Dadra & Nagar Haveli, 5. Mizoram, 6. Arunachal Pradesh, 7. Lakshadweep, 8. Tripura, 9. Meghalaya & 10. Jhaqrkhand.

Source: Dental Council of India

5.3 State/UT wise Number of Government Allopathic Doctors and Dentists & Average Population Served in India 2007 (Provisional)

S. No.	State/ UT	No. of Doctors	No. of Dental Surgeons	Projected Population as on 1.3.2007 in thousand	Population Served/ Doctor	Population Served /Dental Surgeon	Reference Period
	1	2	3	4	5	6	7
1	Andhra Pradesh	4487	131	81554 (80712)	17988	616122	01.01.2007
2	Arunachal Pradesh	405	40	1184	2923	29600	01.01.2008
3	Assam	2103	20	29053 (27478)	13066	1373900	01.01.2004
4	Bihar	Data not received from the state		92208			
5	Chhatisgarh	Data not received from the state		22934			
6	Goa	562	44	1540 (1492)	2655	33909	01.01.2007
7	Gujarat	2712	43	55808 (52429)	19332	1219279	01.01.2004
8	Haryana	1802	303	23743	13176	78360	01.01.2008
9	Himachal Pradesh	NA	272	6526 (5988)		22015	01.01.2000
10(a)	Jammu Division	1279	93	11099 (10941)			01.01.2007
10(b)	Kashmir Division	1590	313				01.01.2008
11	Jharkhand	1234	12	29745 (28388)	23005	2365667	01.01.2005
12	Karnataka	4175	229	56909 (56258)	13475	245668	01.01.2007
13	Kerala	3315	76	33535	10116	441250	01.01.2008
14	Madhya Pradesh	3662	N.A.	67569	18451		01.01.2008
15	Maharashtra	5061	43	106386 (100030)	19765	2326279	01.01.2004
16	Manipur	653	35	2336	3577	66743	01.01.2008
17	Meghalaya	580	19	2500	4310	131579	01.01.2008
18	Mizoram	247	26	958	3879	36846	01.01.2008
19	Nagaland	293	15	2145 (2068)	7058	137867	01.01.2005
20	Orissa	5079	16	39276	7733	2454750	01.01.2008
21	Punjab	3545	230	26391 (25724)	7256	111843	01.04.2005
22	Rajasthan	5979	106	63408	10605	598189	01.01.2008
23	Sikkim	220	26	583	2650	22423	01.01.2008
24	Tamil Nadu	7107	166	65629	9234	395355	01.01.2008
25	Tripura	719	36	3449	4797	95806	01.01.2008
27	Uttar Pradesh	6766	NA	186755 (162289)	23986	N.A.	01.01.2000
26	Uttarakhand	1051	54	9365 (9219)	8772	170722	01.01.2007
28	West Bengal	6113	444	86125	14089	193975	01.01.2008
29	A & N Islands	113	6	434	3841	72333	01.01.2008
30	Chandigarh	1414	55	1161 (901)	637	16382	01.01.2002
31	D & N Haveli	16	1	281	17562	281000	01.01.2008
32	Daman & Diu	27	2	227 (216)	8000	108000	01.01.2007
33	Delhi	3629	71	16484 (14273)	3933	201028	01.01.2003
34	Lakshadweep	22	1	73 (69)	3136	69000	01.01.2005
35	Puducherry	582	65	1146	1969	17631	01.01.2008
	Total	76542	2993				

Notes:

- Projected Population shown in the brackets relates to the reference period.
- Tamil Nadu, the information relates to only the allopathic doctors in PHCs
- Uttar Pradesh figure for 1.1.2000 includes Uttarakhand also.
- NA - Not Available

Source: Directorates of State Health Services

5.4 State/UT wise Number of Registered AYUSH Doctors in India as on 1.1.2007

S.No.	State/UT	Ayurveda	Unani	Siddha	Naturopathy	Homoeopathy	Total
	1	2	3	4	5	6	7
1	Andhra Pradesh*	15231	5022	0	374	9422	30049
2	Arunachal Pradesh	0	0	0	0	94	94
3	Assam	442	0	0	0	669	1111
4	Bihar	132981	4202	0	0	27864	165047
5	Chattisgarh	794	9	0	0	221	1024
6	Delhi	3088	1625	0	0	3149	7862
7	Goa	290	0	0	0	274	564
8	Gujarat	20985	256	0	0	8503	29744
9	Haryana	18726	2212	0	0	5570	26508
10	Himachal Pradesh	7236	456	0	0	1111	8803
11	Jammu & Kashmir	1952	1956	0	0	0	3908
12	Karnataka	20352	1121	4	234	5003	26714
13	Kerala	15068	64	1326	0	9273	25731
14	Madhya Pradesh*	47602	609	0	2	9380	57593
15	Maharashtra	63030	4079	0	0	38407	105516
16	Meghalaya	0	0	0	0	240	240
17	Nagaland*	0	0	0	0	1997	1997
18	Orissa*	4448	17	0	0	3106	7571
19	Punjab	18424	4033	0	0	3742	26199
20	Rajasthan*	23861	1619	0	0	4778	30258
21	Tripura	0	0	0	0	145	145
22	Tamil Nadu	3612	1014	5051	278	17268	27223
23	Uttar Pradesh	51240	13289	0	0	27790	92319
24	Uttranchal	1065	41	0	0	0	1106
25	West Bengal	3234	4934	0	0	39547	47715
26	Chandigarh*	0	0	0	0	297	297
	Total	453661	46558	6381	888	217850	725338

Note:

- Data as on 1.1.2007 (Provisional)
- * Information has not been received for current year, hence latest available information is repeated

Source: Department of AYUSH, MOH&FW/GOI

5.5 State/UT Wise Number of Registered Nurses & Pharmacists In India

S. No.	State/UT	Total No. of Registered Nurses in India as on 31.3.2007			Pharmacists as on 31.12.2007**
		A.N.M.	G.N.M.	LHV	
1	2	3	4	5	
1	Andhra Pradesh*	98,455	88,457	2,480	82,306
2	Arunachal Pradesh				347
3	Assam	16,657	12,082		2,429
4	Bhopal				1,381
5	Bihar*	7,501	8,883	511	4,163
6	Chattisgarh	953	1,207	1,352	
7	Delhi	1,416	13,707		22,010
8	Goa				466
9	Gujarat	36,007	86,523		20,948
10	Haryana*	13,172	17,186	694	7,249
11	Himachal Pradesh	9,276	8,077	415	2,818
12	Jharkhand	2,019	1,801	137	
13	Karnataka*	47,407	64,308	6,836	76,854
14	Kerala	27,926	83,335	7,797	7,531
15	Lakshdweep				3,082
16	Madhya Pradesh	26,355	93,892	1,069	
17	Maharashtra	29,430	88,740	554	106,220
18	Meghalaya*	623	1,524	90	269
19	Mizoram	1,559	1,593		398
20	Nagaland				1,553
21	Orissa*	30,716	46,311	172	14,312
22	Pondicherry				1,716
23	Punjab*	18,152	45,801	2,584	35,290
24	Rajasthan*	22,239	37,667	850	18,214
25	Tamil Nadu	53,383	163,561	11,083	151,973
26	Tripura	987	874	144	257
27	Uttar Pradesh*	26,956	17,827	2,763	30,276
28	Uttarakhand*		58		
29	West Bengal	56,293	47,114	11,655	89,630
	Total	527,482	930,528	51,186	681,692

Note:

- 1 Assam = Assam+Arunachal Pradesh+Manipur+Nagaland
- 2 Maharashtra = Maharashtra+Goa
- 3 Punjab = Punjab +J &K
- 4 Tamil Nadu = Tamilnadu + Andaman & Nicobar Islands +Puducherry
- 5 West Bengal = West Bengal+Sikkim

* Last year data for registered nurses in India

** Estimated

ANM: Auxiliary Nurse Midwives

GNM : General Nursing and Midwives

LHV: Lady Health Visitors

Source: Indian Nursing Council, Pharmacy Council of India

5.6 State/UT wise Health Manpower in Rural Areas (Govt.) in India 2006 (Latest)

S. No.	States /UT	No. of Doctors at PHCs	Total CHCs Specialists ¹ at CHCs	Health Assistants		Health Workers	
				Male	Female(LHV)	Male	Female/ANM
	1	2	3	4	5	6	7
	India	22273	3979	18223	17107	65511	149695
1	Andhra Pradesh	2202	224	1814	1564	6327	13740
2	Arunachal Pradesh	78	0	26	16	23	454
3	Assam	N.A.	N.A.	N.A.	N.A.	N.A.	5719
4	Bihar	1606	88	323	491	1035	8904
5	Chattisgarh	1154	49	2940	709	2852	3667
6	Goa	53	7	15	11	125	179
7	Gujarat	907	84	616	862	2773	6508
8	Haryana	433	37	256	101	1744	2860
9	Himachal Pradesh	467	N.A.	361	348	1786	1790
10	Jammu & Kashmir	643	142	334	62	377	1588
11	Jharkhand	2332	146	118	278	4311	4392
12	Karnataka	2041	691	837	1170	4576	8544
13	Kerala	1151	115	796	740	4166	5572
14	Madhya Pradesh	839	49	1168	1074	7298	9345
15	Maharashtra	1191	448	1800	1718	6097	9598
16	Manipur	96	3	52	55	371	515
17	Meghalaya	106	1	87	75	273	608
18	Mizoram	35	0	57	57	303	423
19	Nagaland	53	0	15	15	300	342
20	Orissa	1353	N.A.	168	726	3392	6768
21	Punjab	350	177	208	264	1375	2515
22	Rajasthan	1316	592	714	1358	2528	11425
23	Sikkim	48	4	8	23	147	260
24	Tamil Nadu	2537	N.A.	303	1734	1503	9550
25	Tripura	152	2	152	62	268	593
26	Uttarakhand	182	71	417	181	616	1636
27	Uttar Pradesh	N.A.	413	4061	2128	5732	21900
28	West Bengal	811	624	550	1227	5178	9900
29	A& N Islands	36	0	0	20	0	127
30	Chandigarh	0	4	0	0	8	22
31	D & N Haveli	6	2	3	5	9	38
32	Daman & Diu	5	0	3	3	17	24
33	Delhi	23	0	N.A.	19	0	51
34	Lakshadweep	4	0	4	0	1	22
35	Puducherry	63	6	17	11	0	116

Notes:

¹ Total Specialists include Surgeons, OB & GY, Physicians & Pediatricians

- Data as on March, 2006
- NA:Not Available

Source: Bulletin on Rural Health Statistics in India 2006- Special Revised Edition, MOHFW