

5. HUMAN RESOURCES IN HEALTH SECTOR

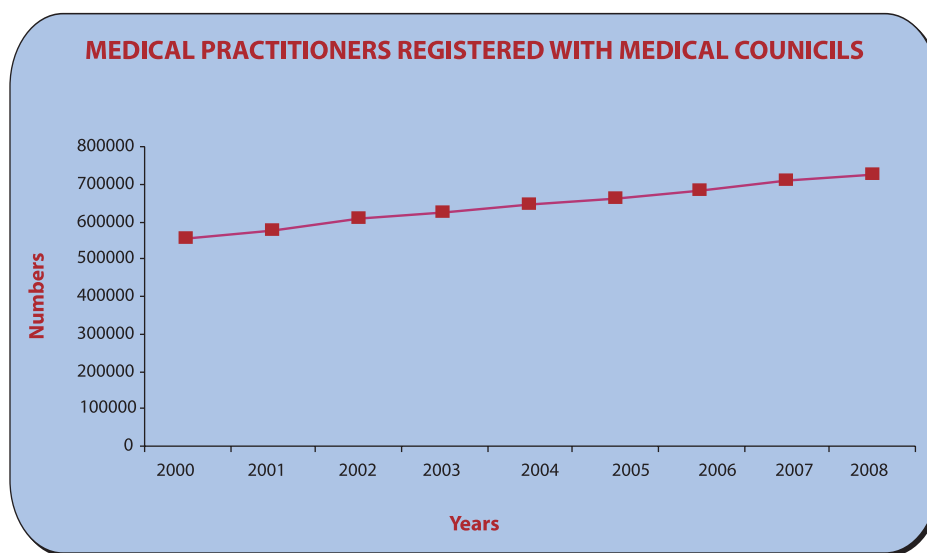
- 5.1 State/UT wise Number of Allopathic Doctors with Recognised Medical Qualifications (Under I.M.C Act) and Registered with State Medical Councils 2000-2008
- 5.2 Number of Dental Surgeons Registered with Central/State Dental Council of India 1994-2007
 - 5.2.1 State/UT wise Dental surgeons Registered under Central / State Dental Councils of India -2007
- 5.3 State/UT wise Number of Government Allopathic Doctors and Dental Surgeons & Average Population Served in India 2008
- 5.4 State/UT wise Number of Registered AYUSH Doctors in India as on 1.1.2008
- 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 as on March 2008

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.

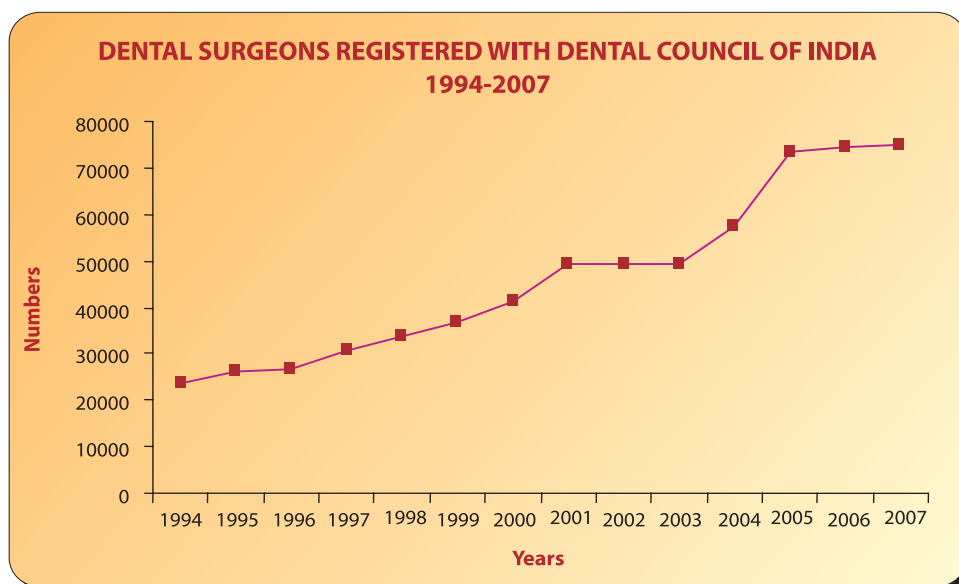
Human Resource indicators cover the details of allopathic doctors, dental surgeons, AYUSH doctors, nursing personnel and various paramedical health manpower in the country.

- Number of allopathic doctors possessing recognized medical qualifications (under IMC act) and registered with state medical councils for the years 2007 and 2008 were 708043 and 725190 respectively.



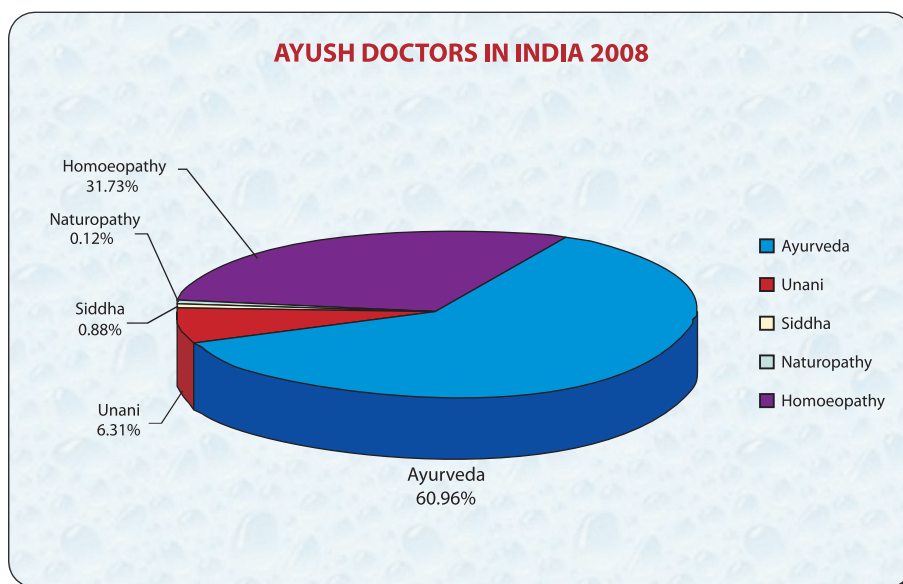
Source: Medical Council of India

- Number of Dental Surgeon Registered with Central/State Dental Councils of India upto 31.12.2007 were 73057.



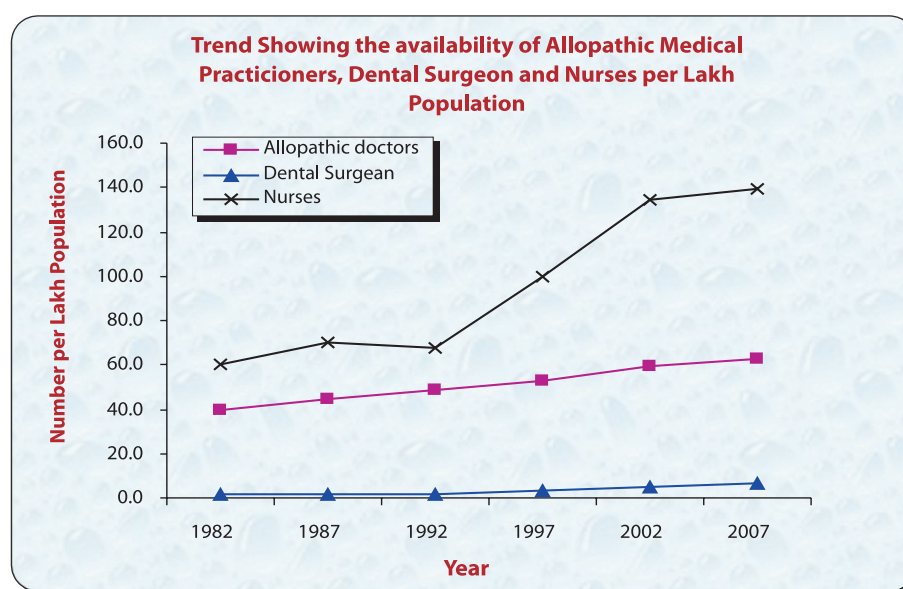
Source: Dental Council of India

- Total number of registered AYUSH Doctors in India as on 01.01.2008 was 751926



Source: Department of AYUSH, MOHFW, GOI

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



Source: Department of AYUSH, MOHFW, GOI

- CBHI has conducted a case study on “Managing Human Resource in Health in India”.The 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 2000-2008

S. No.	State Medical Councils	2000	2001	2002	2003	2004	2005	2006	2007	2008
1	2	3	4	5	6	7	8	9	10	
1	Andhra Pradesh ^{^^}	43102	44575	46398	48035	48696	48649	50790	54382	54382
2	Arunachal Pradesh								143	181
3	Assam	14253	14586	15060	15526	15849	16401	16800	17256	17587
4	Bhopal [^]	18181	19021	27440	28247	29003	29649	30430	31336	32154
5	Bihar	32226	33070	33720	34583	35111	35510	36165	37028	37753
6	Chattisgarh ^{\$}			1	101	285	470	654	1261	1924
7	Goa	1916	2030	2128	2236	2360	2469	2564	2674	2773
8	Gujarat	32177	33653	35174	36012	37194	38642	40230	41739	42985
9	Haryana	1065	1146	1234	1285	1332	1380	1661	2845	3347
10	Himachal Pradesh	**	**	**	**	**	123	256	390	442*
11	Jammu & Kashmir	6344	6875	7317	7900	8284	8557	9222	9781	10096
12	Jharkhand [#]				91	183	553	756	955	1420
13	Karnataka	57464	61163	64012	65789	67864	68987	71809	75116	78531
14	Traven core-Cochin	29087	30173	31353	31353	33418	34561	35477	36673	37440
15	Maharashtra	77278	80764	84536	88378	92327	96560	96560@	96560@	96560@
16	Orissa	14009	14315	14640	14707	14973	15219	15573	16011	16068*
17	Punjab	31859	32558	33206	33417	34104	34967	36100	37084	37925
18	Rajasthan	19744	20438	21198	21885	22567	23459	24789	25894	26592
19	Sikkim								277	442
20	Tamilnadu	63434	65771	68209	70357	72077	73211	75415	77904	80223
21	Uttar Pradesh	42452	43492	45295	46309	46604	47871	49527	51036	52181
22	West Bengal	49261	49941	50794	51961	53068	53521	54513	55538	56488
23	MCI Delhi	21694	23055	24435	25737	26468	27347	29319	32003	32937
24	Delhi##	4	468	925	1514	2197	2750	3470	4157	4759
Total		555550	577094	607075	625423	643964	660856	682080@@	708043@@	725190

Notes:

* 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

@@ Revised figures

[^] 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.

^{^^} 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 Central/State Dental Councils of India 1994- 2007

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
14	2007	73057 (Upto 31.12.2007)

5.2.1 State/UT wise Dental surgeons Registered under Central / State Dental Councils of India -2007

1	Andhra Pradesh	1793
2	Assam	766
3	Bihar	1436
4	Chandigarh	570
5	Chattisgarh	85
6	Delhi	4909
7	Goa	602
8	Gujarat	2558
9	Haryana	2243
10	Himachal Pradesh	406
11	Jammu & Kashmir	1090
12	Karnataka	21713
13	Kerala	5968
14	Madhya Pradesh	1361
15	Maharashtra	6857
16	Orissa	490
17	Punjab	4098
18	Rajasthan	364
19	Tamil Nadu	9482
20	Uttar Pradesh	4533
21	West Bengal	1733
	Total	73057

Note

- Data as on 31st December of concerned year

Source: Dental Council of India

5.3 State/UT wise Number of Government Allopathic Doctors and Dental Surgeons & Average Population Served in India 2008(Provisional)

S. No	State/ UT	No. of Doctors	No. of Dental Surgeons	Projected Population as on 1.3.2008 in thousand	Population Served/ Doctor	Population Served /Dental Surgeon	Reference Period
1	2	3	4	5	6	7	
1	Andhra Pradesh	4487	131	82375 (80712)	17988	616122	01.01.2007
2	Arunachal Pradesh	405	40	1198 (1184)	2923	29600	01.01.2008
3	Assam	2103	20	29435 (27478)	13066	1373900	01.01.2004
4	Bihar	3979	26	93633 (92208)	23174	3546461	01.01.2008
5	Chhatisgarh	1171	16	23269 (22934)	19585	1433375	01.02.2008
6	Goa	929	50	1596	1718	31920	01.01.2009
7	Gujarat	3589	121	56626 (55808)	15550	461223	01.01.2008
8	Haryana	1836	419	24171	13165	57687	01.01.2009
9	Himachal Pradesh	NA	272	6595 (5988)		22015	01.01.2000
10	Jammu & Kashmir	2185	257	11257	5152	43801	01.01.2009
11	Jharkhand	1701	40	30181 (29745)	17486	743625	01.01.2008
12	Karnataka	5023	349	57550	11457	164900	01.01.2009
13	Kerala	3315	76	33802 (33535)	10116	441250	01.01.2008
14	Madhya Pradesh	3662	NA	68737 (67569)	18451	NA	01.01.2008
15	Maharashtra	6555	53	107972	16472	2037207	01.01.2009
16	Manipur	653	35	2364 (2336)	3577	66743	01.01.2008
17	Meghalaya	580	19	2530 (2500)	4310	131579	01.01.2008
18	Mizoram	380	26	970	2553	37307	01.01.2009
19	Nagaland	314	24	2171	6914	90458	01.01.2009
20	Orissa	5079	16	39655	7808	2478437	01.01.2009
21	Punjab	3545	230	26722 (25724)	7256	111843	01.04.2005
22	Rajasthan	6285	107	64534	10268	603121	01.01.2009
23	Sikkim	217	28	591	2723	21107	01.01.2009
24	Tamil Nadu	7107	166	66106 (65629)	9234	395355	01.01.2008
25	Tripura	728	48	3491	4795	72729	01.01.2009
26	Uttarakhand	1142	48	9511	8328	198146	01.01.2009
27	Uttar Pradesh	6766	NA	190254 (162289)	23986	NA	01.01.2000
28	West Bengal	6113	444	86995 (86125)	14089	193975	01.01.2008
29	A & N Islands	116	6	449	3871	74833	01.01.2009
30	Chandigarh	672	27	1227 (1161)	1727	43000	01.01.2008
31	D & N Haveli	18	1	299	16611	299000	01.01.2009
32	Daman & Diu	27	2	238 (216)	8000	108000	01.01.2007
33	Delhi	3629	71	16955 (14273)	3933	201028	01.01.2003
34	Lakshadweep	23	1	74 (73)	3174	73000	01.01.2008
35	Puducherry	518	64	1204	2324	18812	01.01.2009
Total		84852	3233				

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 1.1.2008

S. No.	State/UT	Ayurveda	Unani	Siddha	Naturopathy	Homoeopathy	Total
1	2	3	4	5	6	7	8
1	Andhra Pradesh	15321	5022	-	374	9422	30049
2	Arunachal Pradesh	-	-	-	-	101	101
3	Assam	442	-	-	-	669	1111
4	Bihar	133327	4378	-	-	28447	166152
5	Chattisgarh	1116	12	-	2	335	1465
6	Delhi	3088	1625	-	-	3288	8001
7	Goa	290	-	-	-	274	564
8	Gujarat	21481	256	-	-	9606	31343
9	Haryana	18910	2215	-	-	5599	26724
10	Himachal Pradesh	7236	456	-	-	1134	8826
11	Jammu & Kashmir	2083	2029	-	-	93	4205
12	Karnataka	21972	1165	4	258	5406	28805
13	Kerala	15468	64	1326	-	9515	26373
14	Madhya Pradesh	47602	609	-	2	9380	57593
15	Maharashtra	63030	4079	-	-	55342	122451
16	Meghalaya	-	-	-	-	255	255
17	Nagaland	-	-	-	-	1997	1997
18	Orissa	4448	17	-	-	3106	7571
19	Punjab	18716	4034	-	-	3904	26654
20	Rajasthan	23861	1619	-	-	4970	30450
21	Tamil Nadu	3612	1014	5271	278	17517	27692
22	Tripura	-	-	-	-	145	145
23	Uttar Pradesh	52077	13887	-	-	27830	93794
24	Uttarakhand	1065	41	-	-	-	1106
25	West Bengal	3273	4934	-	-	39968	48175
26	Chandigarh	-	-	-	-	324	324
Total		458418	47456	6601	914	238627	751926

Source: Department of AYUSH, MOH&FW/GOI

Note:- Data as on 1.1.2008 (Provisional)

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 31.12.2007			Pharmacists as on 31.12.2008
		A.N.M.	G.N.M.	LHV	
1		2	3	4	5
1	Andhra Pradesh	104,700	101,103	2,480	82,306
2	Arunachal Pradesh				347
3	Assam	17,445	13,351		2,429
4	Bhopal				1,381
5	Bihar*	7,501	8,883	511	4,163
6	Chattisgarh	1,572	1,807	1,352	
7	Delhi	1,908	17,679		22,010
8	Goa				466
9	Gujarat	36,048	86,584		20,948
10	Haryana	13,727	17,821	694	7,249
11	Himachal Pradesh	9,846	8,269	481	2,818
12	Jharkhand*	2,019	1,801	137	
13	Karnataka*	47,407	64,308	6,836	76,854
14	Kerala	28,378	85,624	7,897	7,531
15	Lakshdweep				3,082
16	Madhya Pradesh*	26,355	93,892	1,069	
17	Maharashtra	31,101	90,386	566	106,220
18	Meghalaya	694	1,665	95	269
19	Mizoram	1,605	1,687		398
20	Nagaland				1,553
21	Orissa	39,805	54,499	238	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	53,673	171,158	11,091	151,973
26	Tripura	987	940	148	257
27	Uttar Pradesh	27,133	18,713	2,763	30,276
28	Uttarakhand	700	92	11	
29	West Bengal	56,297	47,844	11,694	89,630
	Total	549,292	971,574	51,497	681,692

Notes

- 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

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 as on March, 2007 (Latest)

S. No.	India/State /UT	No. of Doctors at PHCs	Total Specialists ¹ at CHCs	Health Assistants		Health Workers	
				Male	Female(LHV)	Male	Female/ANM
	1	2	3	4	5	6	7
	India	22608	5117	20234	15546	62881	147439
1	Andhra Pradesh	2214	166	1920	1564	6127	12000
2	Arunachal Pradesh	78	0	26	16	23	454
3	Assam	N.A.	N.A.	N.A.	N.A.	N.A.	5719
4	Bihar	1850	104	634	491	1240	8904
5	Chattisgarh	1154	49	2940	709	2852	3667
6	Goa	46	3	15	12	134	196
7	Gujarat	1034	82	2421	267	3347	7071
8	Haryana	350	39	106	73	425	1909
9	Himachal Pradesh	628	N.A.	361	283	1270	1836
10	Jammu & Kashmir	643	142	334	62	377	1588
11	Jharkhand	2323	139	118	278	4291	4372
12	Karnataka	2041	691	837	1170	3762	7244
13	Kerala	1558	115	794	740	4266	5634
14	Madhya Pradesh	869	503	1168	350	6560	8590
15	Maharashtra	1191	448	1800	1718	6097	9598
16	Manipur	103	1	52	55	420	487
17	Meghalaya	106	1	87	75	273	608
18	Mizoram	39	0	57	57	303	421
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	1318	600	714	1358	2528	12271
23	Sikkim	38	5	8	18	147	267
24	Tamil Nadu	1984	725	303	1612	1503	10351
25	Tripura	150	2	93	62	268	642
26	Uttarakhand	182	79	417	159	656	1785
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	1	3	3	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	68	4	17	12	0	116

Notes:

▪ Data as on March, 2007

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

NA - Not Available

Source: Bulletin on Rural Health Statistics in India 2007, MOHFW

www.cbhidghs.nic.in