



Human Resource

5. Human Resources in Health Sector

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Human Resources in Health Sector

Highlights

Human Resources for Health is the most important building block of public health. Availability of adequate number of human resources with suitable skill mix and their appropriate deployment at different levels of health care set-up are essential for providing effective health care services for the population.

In many developing countries, such as India, information on human resources in the health sector is incomplete and unreliable. This prevents effective workforce planning and management. National Health Profile aims to address this deficit by producing a more complete picture of India's health workforce.

Human Resource indicators provide an overview of availability of trained and specialized medical, nursing and paramedical personnel in the country. These also give 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 man-powers in the country.

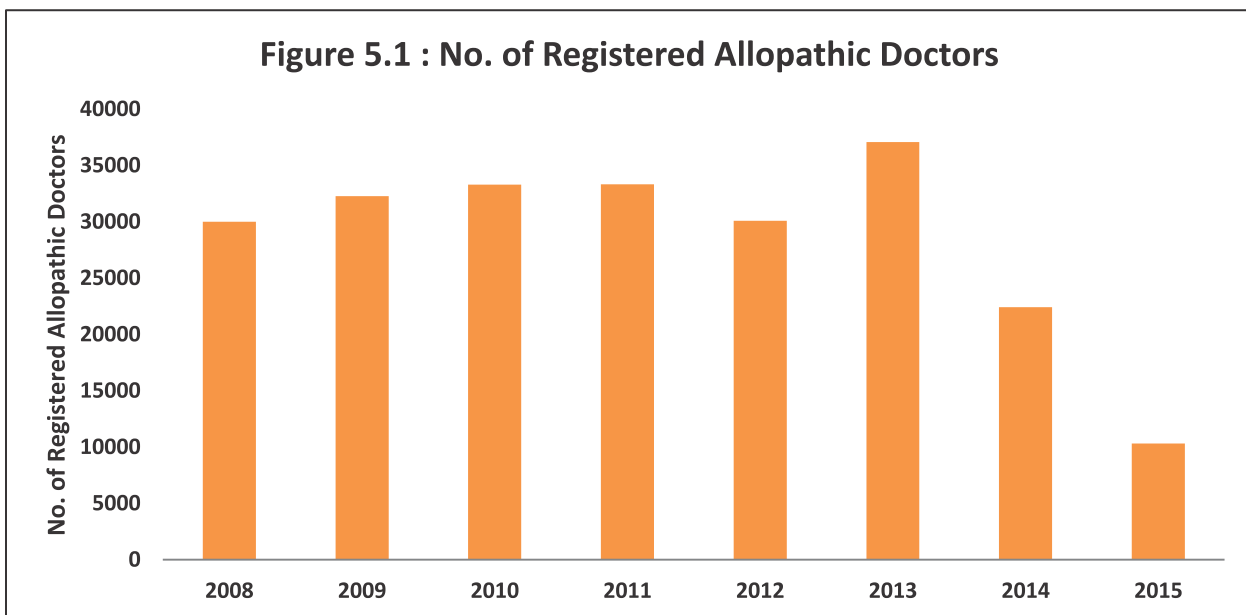
- Number of Registered allopathic doctors possessing recognized medical qualifications (under MCI Act) and registered with state medical council for the years 2014 and 2015 were 22,411 and 10,313 respectively. At present average population served by Government Allopathic Doctor is 11,879 number of persons served per allopathic doctor.
- There has been a marked improvement in the Dentist to population Ratio. Number of Dental Surgeon registered with Central/State Dental Councils of India up to 31.12.2015 were 1, 56,391.
- India, with its kaleidoscopic variety and rich cultural heritage, is proud of some unique medicinal forms that look at health, disease and causes of disease in completely different ways. Best known as the AYUSH, its main focus is on holistic health and well-being of humans. Over the years with gaining popularity, there is a steady rise in total number of registered AYUSH Doctors in India from 7,36,538 in 2014 to 7, 44, 563 in 2015.
- AYUSH has Maximum numbers of Registered Ayurvedic doctors (54%), followed by Registered Homeopathy Doctors (38.12%) in India.
- There is an increase in the availability of Allopathic Medical Practitioners, Dental Surgeon and Nurses per Lakh Population over the years.
- Auxiliary Nurse Midwife (ANM) plays very important role in Health Care Delivery System in India and its changing with the times. It is through their activities that people perceive health policies and strategies. It is through them that planners at the upper level gain insights into health problems and needs of the rural people. Considering their status as grass-root level workers in the health organizational hierarchy, a heavy responsibility rests on them. There are total of 7,89,796 ANM serving in India.

5.1 States/UTs wise Number of Doctors Possessing Recognised Medical, Qualifications (Under I.M.C Act) Registered With State Medical Councils/Medical Council of India From The Year 2009 to 2015.

S. No.	State/UT	Upto 2008	2009	2010	2011	2012	2013	2014	2015 (provisional)	Total up to 2015
1	Andhra Pradesh	58314	4035	3760	4370	320	NR	NR	NR	70799
2	Arunachal Pradesh	205	67	62	80	12	55	29	108	618
3	Assam	17904	590	653	571	487	529	152	653	21539
4	Bihar	35943	616	809	NR	463	429	NR	NR	38260
5	Chattisgarh	2083	663	478	882	595	556	488	370	6115
6	Delhi	5050	793	905	1006	946	1073	1159	NR	10932
7	Goa	2605	111	112	119	136	132	NR	103	3318
8	Gujarat	43419	1639	2173	1795	2197	2153	NR	578	53954
9	Haryana	3811	721	824	361	NR	NR	NR	NR	5717
10	Himachal Pradesh	432	273	208	310	377	296	139	NR	2035
11	Jammu & Kashmir	10314	592	454	635	471	473	67	495	13501
12	Jharkhand	1691	1242	312	490	355	283	45	57	4475
13	Karnataka	79456	3721	4557	3727	4207	4772	833	NR	101273
14	Madhya Pradesh	24958	704	1007	947	1077	1298	899	153	31043
15	Maharashtra	130977	3882	3444	3157	3433	3682	4938	NR	153513
17	MCI	32581	2074	2645	3730	4864	5603	1169	NR	52666
16	Nagaland	0	0	0	0	0	0	0	111	111
18	Odisha	16339	395	52	0	0	0	2402	NR	19188
19	Punjab	37391	1043	857	825	768	1129	NR	NR	42013
20	Rajasthan	26457	1197	1143	1145	1442	1490	1265	1029	35168
21	Sikkim	461	97	50	69	74	73	NR	40	864
22	Tamil Nadu	81533	2992	2297	3476	4182	9218	4119	4368	112185
23	Kerala	36344	1491	2172	2008	0	NR	2500	1257	45772
24	Uttar Pradesh	53389	1966	2813	2081	2247	2253	594	NR	65343
25	Uttarakhand	2750	335	309	307	527	169	660	636	5693
26	West Bengal	57022	1037	1205	1230	917	1419	953	355	64138
	Total	761429	32276	33301	33321	30097	37085	22411	10313	960233

Source: Medical Council of India

Note: N.R : Not reported by the State Medical Council

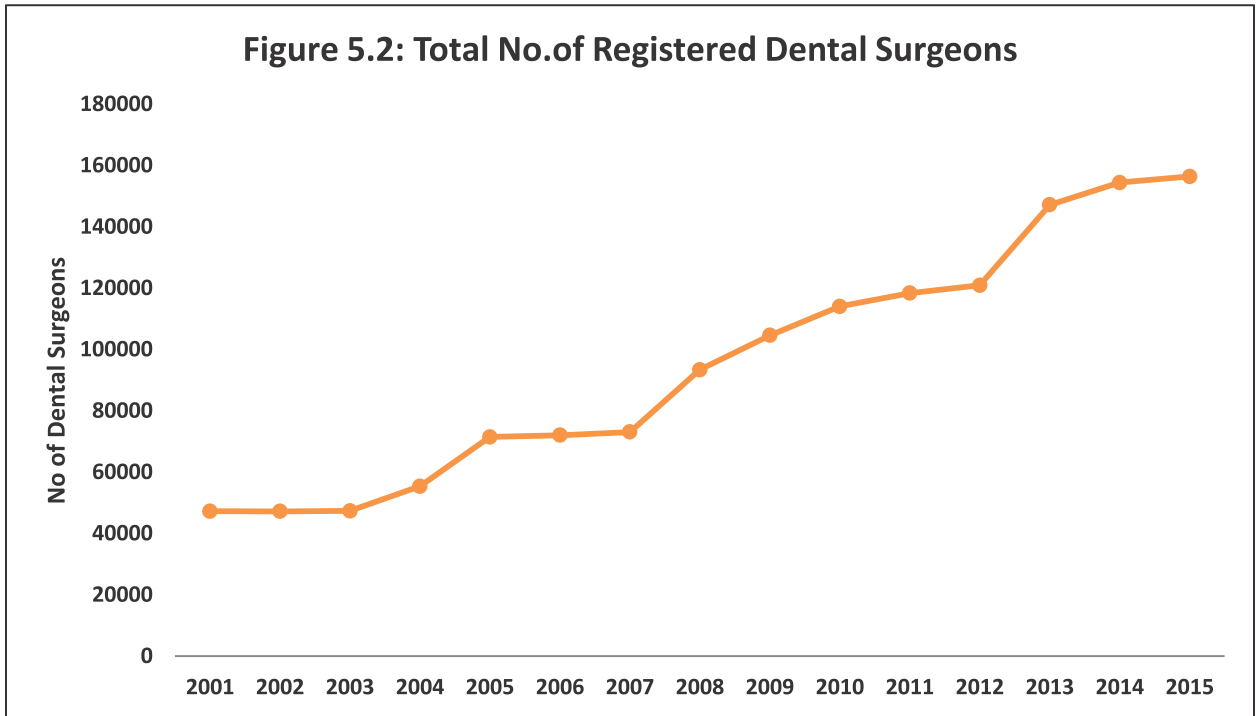


Source: Medical Council of India

5.2 Number of Dental Surgeons Registered With Central/State Dental Councils of India 1994- 2015

S. No.	Year	Dental Surgeons Registered
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	72033
14	2007	73057
15	2008	93332
16	2009	104603
17	2010	114047
18	2011	118370
19	2012	120897
20	2013	147159
21	2014	154436
22	2015	156391

Source: Dental Council of India



Source: Dental Council of India

5.2.1 State/UT wise Dental surgeons Registered under Central / State Dental Councils of India 2008-2015

S. No.	State/UT	2008	2009	2010	2011	2012	2013	2014	2015
1	Andhra Pradesh	6457	6510	6510	6510	6510	13372	13372	13372
2	Arunachal Pradesh	-	-	-	-	-	95	95	121
3	Assam	805	944	1213	1213	1036	1375	1375	1375
4	Bihar	2807	2807	2807	2807	2807	3987	3987	3987
5	Chattisgarh	194	407	498	847	1199	1463	1463	1463
6	Goa	661	687	699	699	747	847	847	847
7	Gujarat	1745	2684	2684	2684	2684	4648	7237	7237
8	Haryana	1358	1740	1740	1740	1740	5232	5232	5232
9	Himachal Pradesh	662	772	772	772	772	1628	1784	1784
10	Jammu & Kashmir	1090	1090	1090	1090	1090	1910	1910	1910
10	Jharkhand	NA	NA	NA	NA	NA	NA	NA	99
11	Karnataka	23699	25612	27750	29579	29579	32951	32951	34768
12	Kerala	5918	6655	6655	6655	6655	10905	11016	11016
13	Madhya Pradesh	1776	2002	2507	3206	3206	4408	4408	4408
14	Maharashtra	16636	18159	18159	18159	18159	13187	13174	13187
15	Odisha	432	537	537	289	289	896	896	896
16	Punjab	4691	6996	6996	6884	6884	11422	12375	12375
17	Rajasthan	364	364	364	364	1878	2935	4243	4243
18	Tamil Nadu	10324	11385	14475	14475	13692	13504	15478	15478
19	Uttar Pradesh	5572	5572	8152	9441	10936	8784	8784	8784
20	Uttarakhand	NA	451	451	657	657	951	951	951
21	West Bengal	1825	2054	2809	3120	3120	3965	3965	3965
22	Chandigarh	596	671	675	675	826	873	891	891
23	Delhi	5720	6280	6280	6280	6280	7642	7642	7642
24	Puducherry	NA	224	224	224	151	179	360	360
	Total	93332	104603	114047	118370	120897	147159	154436	156391

Source: Dental Council of India

Note:

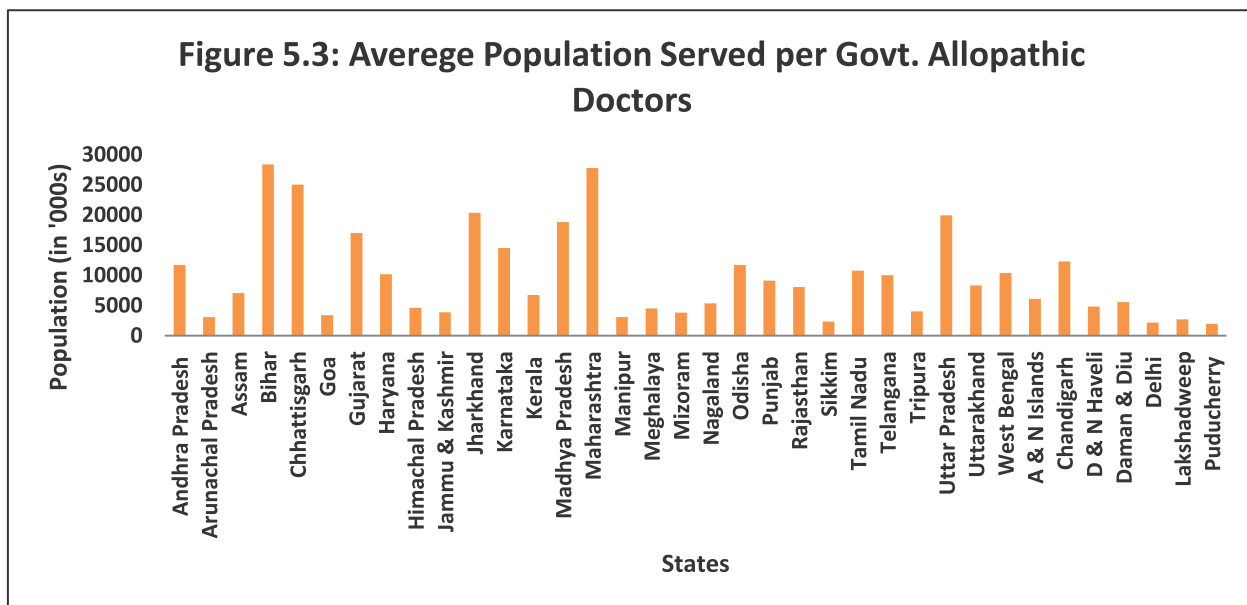
Data as on 31st December of concerned year

NA - Not Available

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

S. No.	State/ UT	No. of Govt. Allopathic Doctors	No. of Govt. Dental Surgeons	Provisional/ Projected Population as on reference period in (000)	Average Population Served/ Govt. Allopathic Doctors	Average Population Served / Govt. Dental Surgeon	Reference Period
1	Andhra Pradesh	4414	264	51684	11709	195773	01.01.2016
2	Arunachal Pradesh	418	53	1284	3072	24227	01.01.2015
3	Assam	4522	284	32069	7092	112919	01.01.2016
4	Bihar	3576	405	101526	28391	250681	01.01.2015
5	Chhattisgarh	1008	62	25232	25032	406967	01.01.2014
6	Goa	569	29	1953	3432	67345	01.01.2016
7	Gujarat	3600	59	61329	17036	1039482	01.01.2015
8	Haryana	2618	566	26675	10189	47129	01.01.2015
9	Himachal Pradesh	1517	276	7037	4639	25496	01.01.2016
10	Jammu & Kashmir	3647	614	14099	3866	22963	01.01.2016
11	Jharkhand	1793	32	36537	20378	1141781	01.01.2016
12	Karnataka	4556	388	66187	14527	170585	01.01.2016
13	Kerala	5214	121	35258	6762	291388	01.01.2015
14	Madhya Pradesh	4156	107	78181	18812	730664	01.01.2016
15	Maharashtra	4217	31	117189	27790	3780291	01.01.2015
16	Manipur	814	81	2534	3114	31290	01.01.2014
17	Meghalaya	659	64	2964	4498	46313	01.01.2016
18	Mizoram	323	28	1232	3814	44000	01.01.2016
19	Nagaland	437	33	2354	5387	71333	01.01.2016
20	Odisha	3745	34	44004	11750	1294235	01.01.2016
21	Punjab	3121	255	28568	9153	112031	01.01.2015
22	Rajasthan	8788	395	70969	8076	179668	01.01.2015
23	Sikkim	268	42	633	2363	15080	01.01.2014
24	Tamil Nadu	7233	205	78140	10803	381171	01.01.2016
25	Telangana	3775	217	37823	10019	174300	01.01.2016
26	Tripura	935	84	3784	4047	45048	01.01.2016
27	Uttar Pradesh	10754	188	214671	19962	1141867	01.01.2016
28	Uttarakhand	1263	74	10499	8313	141878	01.01.2016
29	West Bengal	8829	647	91920	10411	142071	01.01.2015
30	A & N Islands	87	5	533	6121	106506	01.01.2014
31	Chandigarh	138	17	1699	12312	99941	01.01.2016
32	D & N Haveli	86	13	414	4814	31846	01.01.2015
33	Daman & Diu	57	4	317	5561	79250	01.01.2016
34	Delhi	9121	312	20092	2203	64398	01.01.2015
35	Lakshadweep	29	1	79	2724	79000	01.01.2015
36	Puducherry	700	61	1380	1971	22623	01.01.2016
Total		106987	6051	1270850	11879	2110023	

Source: Directorate of State Health Services



Source: Directorate of State Health Services

5.4 State/UT wise AYUSH Registered Practitioners (Doctors) in India as on 1.1.2015

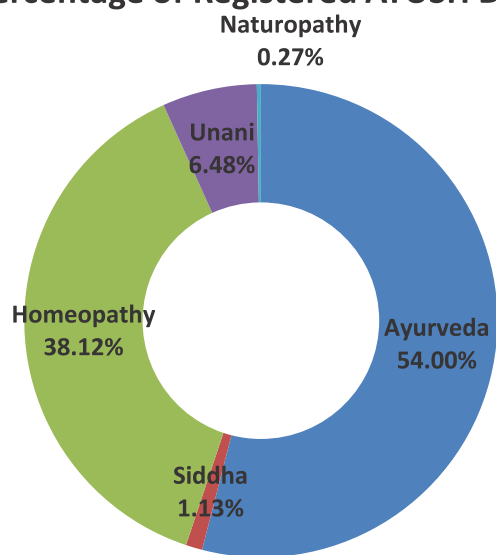
S. No.	State/UT	Ayurveda	Unani	Siddha	Naturopathy	Homeopathy	Total
1	Andhra Pradesh [@]	2514	388	0	235	2077	5214
2	Arunachal Pradesh	0	0	0	0	269	269
3	Assam	896	0	0	0	485	1381
4	Bihar	96794	7058	0	0	31226	135078
5	Chattisgarh	2960	139	0	98	1652	4849
6	Delhi	3143	1818	0	0	4552	9513
7	Goa	603	0	0	0	603	1206
8	Gujarat	25395	313	0	0	18728	44436
9	Haryana	7816	260	0	0	5526	13602
10	Himachal Pradesh	4802	0	0	0	1164	5966
11	Jammu & Kashmir	2645	2371	0	0	337	5353
12	Jharkhand	117	21	0	0	207	345
13	Karnataka	31652	1727	4	554	8553	42490
14	Kerala	21272	93	1615	128	12183	35291
15	Madhya Pradesh	45717	1575	0	16	16652	63960
16	Maharashtra	71328	6272	0	0	62586	140186
17	Manipur [†]	0	0	0	0	0	0
18	Meghalaya	0	0	0	0	291	291
19	Mizoram [†]	0	0	0	0	30	30
20	Nagaland	0	0	0	0	2084	2084
21	Odisha	4634	25	0	0	9425	14084
22	Punjab	5471	30	0	0	4382	9883
23	Rajasthan	9628	920	0	0	7267	17815
24	Sikkim	0	0	0	0	0	0
25	Tamil Nadu	4306	1159	6769	706	20238	33178
26	Telangana	9339	4554	0	306	3832	18031
27	Tripura	0	0	0	0	235	235
28	Uttar Pradesh	43666	14223	0	0	31867	89756
29	Uttarakhand	2358	115	0	0	509	2982
30	West Bengal [^]	5023	5152	0	0	36720	46895
31	A&N Islands			0	0	0	0
32	Chandigarh	0	0	0	0	160	160
33	D&N Haveli	0	0	0	0	0	0
34	Daman & Diu	0	0	0	0	0	0
35	Lakshdweep	0	0	0	0	0	0
36	Puducherry	0	0	0	0	0	0
	Total	402079	48213	8388	2043	283840	744563

Source : Ministry of AYUSH

Notes:

- 1 Ayurveda :- Figures in r/o of all states received.
- 2 Unani :- Figures in r/o states of West Bengal (2014) CCIM has been repeated as the current year information not available.
- 3 Siddha :- Figures in r/o states of Kerala, Karnataka and Tamil Nadu has been received from the States.
- 4 Naturopathy :- Figures in r/o states of West Bengal (2014) has repeated as the current year information not available.
- 5 Homoeopathy :- Figures in r/o states of Assam (2011), Mizoram (2014) and Uttarakhand (2013) has been repeated as the current year information not available.
- 6 Figures integrated in columns marked "Total" reflect the total numbers of partitioners in each states. However since in many states the break-up between IQ & NIQ is not given, the total figure in the last row of the above table is necessarily higher than the figures of its corresponding previous two entries.
- 7 Figures in r/o states of Manipur, Sikkim, A&N Islands, D&N Haveli, Daman & Diu, Lakshdweep and Puducherry have been indicated Nil in all streams as there is non separate Board / Council for registration of practitioners in these States.
- 8 Figures in r/o states of Arunachal Pradesh, Meghalaya, Mizoram, Nagaland, Tripura and Chandigarh have been indicated Nil in Ayurveda, Unani, Siddha and Naturopathy as there is no separate Board / Council for registration of practitioners in these States.
- 9 *Manipur & Mizoram state don't have any separate boards / Councils for Registration of ISM Practitioners. However, the practitioners working under Directorate of AYUSH, NRHM etc are enrolled in Organization like Homoeopathy Medical Associated of India, Manipur (HAMAI) in the year 2015.
- 10 @ This year information from Andhra Pradesh and Telangana have been received. The Telangana state has given separate information for only 10 districts but the state of Andhra Pradesh have provided information of both the states. Hence in case of information of Andhra Pradesh state; it is calculated information (Andhra Pradesh minus Telangana) for the year 2015.

Figure 5.4: Percentage of Registered AYUSH Doctors in India



Source : Ministry of Ayush

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

S. No.	State/UTs	Total No. of Registered Nurses in India as on 31.12.2015			Pharmacists as on 28.09.2015
		A.N.M.	RN & RM	LHV	
1	Andhra Pradesh	134,694	210,000	2,480	43,958
2	Arunachal Pradesh	641	510	2	279
3	Assam	24,043	18,506	204	2,715
4	Bihar	8,624	9,413	511	4,163
5	Chattisgarh	8,018	7,851	1,352	9,713
6	Goa	NA	NA	NA	466
7	Gujarat	40,694	99,125	NA	32,030
8	Haryana	22,850	28,356	694	8,757
9	Himachal Pradesh	11,448	15,424	500	2,818
10	Jharkhand	4,071	2,355	142	NA
11	Karnataka	54,039	231,643	6,840	79,508
12	Kerala	29,710	215,708	8,507	25,481
13	Madhya Pradesh	37,199	108,855	1,686	NA
14	Maharashtra	51,456	106,155	572	156,315
15	Manipur	3,220	5,503	NA	NA
16	Meghalaya	1,066	3,235	116	619
17	Mizoram	1,932	2,973	NA	330
18	Nagaland	NA	NA	NA	1,553
19	Odisha	59,281	75,358	238	14,312
20	Punjab	23,029	76,680	2,584	41,533
21	Rajasthan	107,673	186,821	2,732	38,156
22	Tamil Nadu	55,975	236,161	11,160	58,466
23	Tripura	2,040	2,259	148	257
24	Uttar Pradesh	43,488	42,612	2,763	30,276
25	Uttarakhand	1,864	1,513	11	1,318
26	West Bengal	59,021	56,124	12,854	89,630
27	Dadra & Nagar Haveli	NA	NA	NA	91
28	Daman & Diu	NA	NA	NA	52
29	Delhi	3,720	50,197	NA	25,030
30	Lakshadweep	NA	NA	NA	3,082
31	Puducherry	NA	NA	NA	2,493
	Total	789,796	1,793,337	56,096	673,401

Source: Indian Nursing Council & Pharmacy Council of India

Note:

- 1 ANM: Auxilliary Nurse Midwives
- 2 RN & RM: Registered Nurses & Registered Midwives
- 3 LHV: Lady Health Visitors
- 4 NA: Not Available

5.6 State/UT wise Health Human Resource in Rural Areas (Govt.) in India as on 31.03.2015

S. No.	India/State/UT	No. of Doctors at PHCs	Total Specialists at CHCs	Health Assistants		Health Workers	
				Male	Female (LHV)	Male	Female/ANM
	India	27421	4078	12646	13372	55657	212185
1	Andhra Pradesh	1412	159	0	1303	2505	11701
2	Arunachal Pradesh	102	1	72	4	86	298
3	Assam	1355	121	0	379	3391	9220
4	Bihar##	2521	63	25	358	1074	19499
5	Chattisgarh	368	78	338	467	3540	5703
6	Goa	56	4	0	9	86	150
7	Gujarat#	889	74	755	546	5778	6938
8	Haryana	489	30	233	286	1182	4922
9	Himachal Pradesh	571	7	69	127	978	1999
10	Jammu & Kashmir	834	167	75	114	531	4362
11	Jharkhand	372	128	27	16	386	7170
12	Karnataka	2196	502	3409	1030	3409	8977
13	Kerala	1169	39	2197	13	3401	7950
14	Madhya Pradesh	999	263	288	519	4295	12412
15	Maharashtra	2937	578	1620	1801	6690	16922
16	Manipur^	199	3	65	64	377	966
17	Meghalaya	114	3	74	65	133	959
18	Mizoram	49	0	22	19	399	670
19	Nagaland	133	4	53	24	0	888
20	Odisha*	1008	356	0	712	3546	8245
21	Punjab	441	173	285	390	1710	4347
22	Rajasthan	2412	526	52	1144	1842	15999
23	Sikkim	29	0	11	19	115	298
24	Tamil Nadu	2375	0	1787	857	2284	8477
25	Telangana	1024	116	0	944	1432	7705
26	Tripura	158	3	41	0	574	476
27	Uttar Pradesh	2209	484	954	1916	3152	23731
28	Uttarakhand**	160	49	78	90	79	1828
29	West Bengal	723	114	80	125	2590	18723
30	A& N Islands	36	0	0	11	45	199
31	Chandigarh	0	27	0	0	2	24
32	D & N Haveli	8	2	0	0	9	107
33	Daman & Diu	5	1	2	0	22	44
34	Delhi	21	0	0	7	0	40
35	Lakshadweep	9	0	0	1	14	48
36	Puducherry	38	3	34	12	0	188

Source: Bulletin on Rural Health Statistics in India 2015, Statistics Division, Ministry of Health & Family Welfare

Notes:

Data for 2013 repeated

In position data for 2013-14 used

^ Data for 2013-14 repeated

* The PHC data included Area Hospitals & Other Hospitals

** In position data for 2013-14 used

5.7 Total Population of India served per National Councils Registered Doctor / Dental Surgeon / Nurse/Pharmacist

S. No.	National Councils Registered (Latest)	Population Served per Doctor/Dental surgeon/ AYUSH/ Nurse/Phamacist^^
1	Allopathic Doctor*	1305.95
2	AYUSH Doctor**	1684.23
3	Dental Surgeon*	8018.48
4	Nurse^	475.14
5	Pharmacist^	1865.29

Source:

- 1 *Medical Council of India*
- 2 *Dental Council of India*
- 3 *AYUSH*
- 4 *Indian Nursing Council*
- 5 *Pharmacy Council of India*

Notes:

- * Total No. of registered doctors/dental surgeons as provided by Medical Council of India/Dental Council of India. Refer table no. 5.1
- ** Total No. of registered AYUSH Practioners as provided by Ministry of AYUSH. Refer table no.5.4
- ^ Total No. of registered Nurses/ Pharmacists (Latest) as provided by respective National Councils 2015. Total number of nurses include ANM, RN&RM and LHV. Refer table no.5.5
- ^^ Provisional Population of India as on 1st March 2015, Refer table no. 1.1.3

5.8 Human Resources in Health Sector in Railways as on 31st March, 2016

S No.	Zone / PU	Total No. of Doctors				Total No of Nurses		Total No. of Pharmacist Working **
		No. of Doctors Working #	No. of Doctors with Speciality Degree/ Diploma	No. of Super Speciality Degree	No. of Dental Surgeon Working *	No. of Auxiliary Nurse and Mid - wives (ANM) working **	No. of Nurse and Mid - wives (RN & RM) working **	
1	Central Railway	173	71	2	6	0	360	134
2	Eastern Railway	227	54	5	3	0	491	126
3	East central Railway	127	50	1	2	0	229	99
4	East Coast Railway	69	26	0	4	1	123	55
5	Northern Railway	212	108	0	4	1	359	191
6	North Central Railway	90	45	0	2	0	130	71
7	North East Railway	99	52	2	2	1	214	83
8	North Frontier Railway	174	42	0	3	0	321	126
9	North Western Railway	111	40	0	4	3	188	109
10	Southern Railway	191	91	10	5	3	506	167
11	South East Central Railway	54	3	0	1	0	89	39
12	South Eastern Railway	146	57	1	1	1	345	80
13	South Central Railway	132	21	2	3	1	255	114
14	South Western Railway	73	35	0	2	0	121	53
15	Western Railway	182	5	65	8	5	305	164
16	West Cental Railway	88	27	0	1	0	146	78
17	Intergral Coach Factory	18	11	1	0	0	33	13
18	Rail Coach Factory	12	3	0	1	1	30	16
19	Chittaranjan Locomotive Works ²⁰	7	7	0	1	0	62	20
20	Diesal Locomotive Works	14	12	0	0	0	38	17
21	Diesel Modernisation Works	8	4	0	0	14	10	6
22	Rail Wheel Factory	9	2	0	0	0	0	3
23	Research Design and Standards Organization	7	5	0	0	0	14	4
	Total	2236	771	89	53	31	4369	1768

Source : Ministry of Railways

Notes:

- # Figures include Contract Medical Practicener working full time.
- * Figures include Contract Dental Surgeon working full time.
- ** Figures include contractually employed workers working full time.

5.9 Human Resources in Health Sector in ESI Corporation as on June, 2015

S. No.	State/UT	Medical Officer	Specialist	Super Specialist	Dental Surgeon*	Total No. of Nurses (RN & RM)	Total No. of Pharmacist*
1	Andhra Pradesh	191	20	18	-	147	0
2	Assam	64	11	-	1	55	4
3	Bihar	52	10	-	1	37	3
4	Chandigarh	39	15	-	1	58	9
5	Chattisgarh	62	25	-	-	72	0
6	Delhi	704	119	-	5	653	322
7	Goa	29	23	-	-	18	0
8	Gujarat	404	77	-	2	381	12
9	Himachal Pradesh	28	18	-	-	68	7
10	Haryana	339	71	-	2	278	12
11	J & K	35	8	-	1	0	5
12	Jharkhand	94	18	-	2	87	10
13	Karnataka	410	303	-	3	543	22
14	kerala	512	122	-	2	621	31
15	Madhya Pradesh	175	134	-	-	241	8
16	Meghalaya	3	0	-	-	4	0
17	Maharashtra	445	92	-	1	600	9
18	Nagaland	0	0	-	-	0	0
19	Odisha	110	35	-	1	106	3
20	Puducherry	22	4	-	-	42	0
21	Punjab	173	65	-	2	84	10
22	Rajasthan	110	133	-	2	500	22
23	Sikkim	4	0	-	-	4	0
24	Telangana	341	121	-	1	141	19
25	Tamil Nadu	652	88	-	3	291	18
26	Tripura	2	0	-	-	1	0
27	Uttar Pradesh	273	76	-	1	337	0
28	Uttarakhand	26	0	-	-	0	0
29	West Bengal	533	213	-	1	151	9

Source: Employees's State Insurance Corporation

Notes: The data does not include staff of Medical Education, ESIC

* Figure indicate in - position staff of ESIC Hospitals only and not state run ESI hospital.

5.10 State/ UT wise list of Post Graduate Diploma/ MD/MS Courses and Superspeciality Courses in India as on Dec - 2015

S. No.	State/ UT	Diploma Courses										
		Dermatology, Venereology & Leprosy	Anesthesia	Child Health	Clinical pathology	Forensic medicine	Health Education	Community Medicine	Health Administration & Community Medicine	Obstetrics & Gynecology	Ophthalmology	Orthopedics
1	Andhra Pradesh	16	42	37	16	0				51	17	17
2	Arunachal Pradesh											
3	Assam		9	7	10	2				12	5	
4	Bihar		12	11	7					14	3	7
5	Chhattisgarh		1	6	1					1	2	6
6	Goa		4	4						4		
7	Gujarat	11	40	25	20			7	7	35	26	9
8	Haryana	2	12	10						6	5	5
9	Himachal Pradesh		3	2	2							1
10	Jammu & Kashmir	2	27	6	6					15	1	6
11	Jharkhand	6	2	10	12					2	12	3
12	Karnataka	32	100	80	82	10				102	59	74
13	Kerala	4	35	37	15					37	15	28
14	Madhya Pradesh		19	28	7	0				24	12	14
15	Maharashtra	19	92	59	33	5		2	2	88	36	36
16	Manipur		4		2							
17	Meghalaya											
18	Mizoram											
19	Nagaland											
20	Odisha		3	0	0							0
21	Punjab		23	12	0					8	1	
22	Rajasthan		18	9	1	6				9		
23	Sikkim											
24	Tamil Nadu	17	71	74	17		30			86	61	32
25	Telangana	9	41	31	11					55	18	12
26	Tripura											
27	Uttarakhand		3	2	3					2		2
28	Uttar Pradesh	4	25	45	5	1		2	2	41	28	32
29	West Bengal		18	21	4		0			27	25	8
30	A & N Islands											
31	Chandigarh											
32	D & N Haveli											
33	Daman & Diu											
34	Delhi	2	17	19			20		6	20	9	
35	Lakshadweep	0										
36	Puducherry	3	4	7	0					6	4	8
	India	127	625	542	254	24	50	11	17	645	339	300

Source: Medical Council of India

5.10 (Contd.) State/ UT wise list of Post Graduate Diploma/ MD/MS courses and Superspeciality Courses in India as on Dec - 2015

S. No.	State/ UT	Diploma Courses						
		Oto-Rhino-laryngology	Physical Medicine & rehabilitation	Psychological medicine	Public Health	Radiotherapy	Radio-Diagnosis	Sports Medicine
1	Andhra Pradesh	12		9	5	0	19	9
2	Arunachal Pradesh							
3	Assam	6		4			0	
4	Bihar		1				5	
5	Chhattisgarh	1					3	
6	Goa			2	2		4	
7	Gujarat	24		11	10		34	19
8	Haryana			2			5	2
9	Himachal Pradesh	2					3	
10	Jammu & Kashmir						6	
11	Jharkhand	1		19			0	
12	Karnataka	47		21	7	5	45	5
13	Kerala	14	6	11	3	1	10	8
14	Madhya Pradesh	10					6	2
15	Maharashtra	20		20	30	1	47	6
16	Manipur							
17	Meghalaya							
18	Mizoram							
19	Nagaland							
20	Odisha						0	
21	Punjab	1				1	4	6
22	Rajasthan				6		6	0
23	Sikkim							
24	Tamil Nadu	36	3	17	11	11	32	9
25	Telangana	12		6	4		16	6
26	Tripura							
27	Uttarakhand						3	
28	Uttar Pradesh	8		2	2	0	11	3
29	West Bengal	9		10	10	4	0	14
30	A & N Islands							
31	Chandigarh							
32	D & N Haveli							
33	Daman & Diu							
34	Delhi	5	0			0	9	10
35	Lakshadweep							
36	Puducherry	1		1	0		2	1
	India	209	10	135	90	23	270	6
								94

Source: Medical Council of India

5.10 (Contd.) State/ UT wise list of Post Graduate Diploma/ MD/MS courses and Superspeciality Courses in India as on Dec - 2015

S. No.	State/ UT	MD / MS Courses									
		Anaesthesiology	Aviation Medicine/ Aerospace Medicine	Bio-Chemistry	Dermatology, Venereology & Leprosy	Forensic Medicine/ Forensic Toxicology	General Medicine	Hospital Administration & Community Health Administration	Immuno Hematology & Blood transfusion	Microbiology	Paediatrics
1	Andhra Pradesh	99		39	42	20	160	6	1	51	71
2	Arunachal Pradesh										
3	Assam	16		16	7	10	36			18	14
4	Bihar	24		13	10	7	51			21	27
5	Chhattisgarh	4		4			12				4
6	Goa	4		4	3	5	5			3	3
7	Gujarat	134		21	27	23	133		7	42	67
8	Haryana	18		17	5	10	32			9	11
9	Himachal Pradesh	13		1	6	1	17			6	10
10	Jammu & Kashmir	24			4		51	4	2	7	12
11	Jharkhand	4		5	3	3	15			6	6
12	Karnataka	195	17	97	91	70	329	8	2	118	168
13	Kerala	62		22	33	15	101		5	32	50
14	Madhya Pradesh	44		15	13	11	83			18	43
15	Maharashtra	235		53	58	30	302	8	7	106	165
16	Manipur	10		9	4	3	16			6	5
17	Meghalaya	4					2			3	
18	Mizoram										
19	Nagaland										
20	Odisha	35		13	10	14	52		2	18	42
21	Punjab	33		19	17	11	60		4	24	27
22	Rajasthan	94		17	27	14	114		4	35	70
23	Sikkim			2			2			2	2
24	Tamil Nadu	134		51	50	12	235		12	81	106
25	Telangana	83		38	33	20	118	5		34	60
26	Tripura	2				1	6			1	1
27	Uttarakhand	11		6	2	2	17			8	7
28	Uttar Pradesh	110		24	24	19	136		3	42	74
29	West Bengal	73		25	20	19	98		2	25	66
30	A & N Islands										
31	Chandigarh	44		3	12	3	56		3	14	40
32	D & N Haveli										
33	Daman & Diu										
34	Delhi	68		22	22	18	115	10		41	56
35	Lakshadweep										
36	Puducherry	24		17	17	6	38			20	21
	India	1601	17	553	540	347	2392	41	54	791	1228

Source: Medical Council of India

5.10 (Contd.) State/ UT wise list of Post Graduate Diploma/ MD/MS Courses and Superspeciality Courses in India as on Dec - 2015

S. No.	State/ UT	MD / MS Courses										
		Physical Medicine & Rehabilitation	Physiology	Psychiatry	Radiodiagnosis/ Radiology	Radiotherapy	Social & Preventive Medicine/ Community Medicine	TB & Respiratory Diseases/ Pulmonary Medicine	Anatomy	Obstetrics & Gynaecology	Ophthalmology	Emergency Medicine
1	Andhra Pradesh		37	27	47	4	41	37	37	84	63	8
2	Arunachal Pradesh											
3	Assam		18	11	17	3	13	2	18	24	17	2
4	Bihar	2	27	1	9	0	16		26	20	22	
5	Chhattisgarh		2		7	1	4		4	5	6	
6	Goa		5	2	2		5	4	4	5	5	
7	Gujarat		48	23	64	5	60	23	50	76	54	7
8	Haryana		17	4	15	4	24	5	15	15	9	
9	Himachal Pradesh		2	3	8	4	6	2	4	12	8	
10	Jammu & Kashmir		8	3	9	5	13		5	21	16	
11	Jharkhand		7	10	0		5		5	9	6	
12	Karnataka	2	113	64	126	21	116	21	116	163	107	13
13	Kerala	8	33	31	43	20	31	18	28	56	40	8
14	Madhya Pradesh		19	9	21	13	31	10	21	49	33	
15	Maharashtra	2	87	52	109	20	124	46	92	196	101	6
16	Manipur	4	8	3	2	4	8	2	6	13	2	
17	Meghalaya				2				2	2		
18	Mizoram											
19	Nagaland											
20	Odisha		20	5	12	5	25	9	17	39	22	
21	Punjab		24	11	26	7	23	12	27	29	18	
22	Rajasthan	4	30	24	39	9	27	34	29	82	31	
23	Sikkim		3	3			2			2		
24	Tamil Nadu	7	67	47	63	14	61	24	52	122	72	4
25	Telangana		32	21	46	8	28	34	41	68	43	
26	Tripura			1	2		3			2	2	
27	Uttarakhand		8	1	8	3	7	2	9	8	8	
28	Uttar Pradesh	2	55	24	45	21	70	32	51	91	69	
29	West Bengal	4	29	18	24	18	31	17	32	95	32	
30	A & N Islands											
31	Chandigarh			15	18	4	1	4	3	29	16	
32	D & N Haveli											
33	Daman & Diu											
34	Delhi	5	27	17	37	8	40	7	27	72	35	
35	Lakshadweep											
36	Puducherry		17	7	23	2	17	5	15	25	15	
	India	40	743	437	824	203	832	350	736	1414	852	48

Source: Medical Council of India

5.10 (Contd.) State/ UT wise list of Post Graduate Diploma/ MD/MS Courses and Superspeciality Courses in India as on Dec - 2015

MD / MS Courses

S. No.	State/ UT	Pathology	Pharmacology	Nuclear Medicine	Sports Medicine	Transfusion Medicine	ENT	General Surgery	Orthopaedics
1	Andhra Pradesh	55	43	2		0	43	139	73
2	Arunachal Pradesh								
3	Assam	21	14				12	37	12
4	Bihar	21	27				17	48	17
5	Chhattisgarh	4	2				2	9	2
6	Goa	3	6				4	6	3
7	Gujarat	88	52				30	128	62
8	Haryana	26	16				7	35	15
9	Himachal Pradesh	7	5				6	17	8
10	Jammu & Kashmir	18	5				12	50	17
11	Jharkhand	11	10				4	16	3
12	Karnataka	184	125			1	94	260	130
13	Kerala	57	30	1		1	32	86	40
14	Madhya Pradesh	44	18				22	80	30
15	Maharashtra	197	107	4	2		70	267	134
16	Manipur	8	6			2	6	16	3
17	Meghalaya	3						2	
18	Mizoram								
19	Nagaland								
20	Odisha	29	18			2	12	57	16
21	Punjab	38	25		1		19	61	33
22	Rajasthan	56	15			2	25	92	54
23	Sikkim		2				2		
24	Tamil Nadu	94	51	1	2		48	221	106
25	Telangana	65	35			1	33	112	64
26	Tripura	1	1				3	2	2
27	Uttarakhand	12	7				5	14	6
28	Uttar Pradesh	101	52	2			37	138	58
29	West Bengal	61	21				25	97	35
30	A & N Islands								
31	Chandigarh	25	8			3	12	61	23
32	D & N Haveli								
33	Daman & Diu								
34	Delhi	56	17		4		32	83	46
35	Lakshadweep								
36	Puducherry	16	18				15	32	18
	India	1301	736	10	9	12	629	2166	1010

Source: Medical Council of India

5.10 (Contd.) State/ UT wise list of Post Graduate Diploma/ MD/MS Courses and Superspeciality Courses in India as on Dec - 2015

		DM / MCH Courses									
S. No.	State/ UT	Cardiology	Clinical Pharmacology	Endocrinology	Gastroenterology	Neonatology	Nephrology	Neurology	Oncology	Head and Neck Surgery	Cardiac - Anaes
1	Andhra Pradesh	9	0	7	5	1	7	10	2		
2	Arunachal Pradesh										
3	Assam	2		2			2	2			
4	Bihar				2						
5	Chhattisgarh										
6	Goa										
7	Gujarat	10					4	1	10		3
8	Haryana										
9	Himachal Pradesh	2									
10	Jammu & Kashmir	3		4	3				2		
11	Jharkhand										
12	Karnataka	33		5	6	1	6	28	8		9
13	Kerala	34		3	13	2	8	20	4	2	2
14	Madhya Pradesh				2		1	2	2		
15	Maharashtra	25	4	4	11	2	7	5	14	4	3
16	Manipur										
17	Meghalaya	2									
18	Mizoram										
19	Nagaland										
20	Odisha	6		2	3		3	2			
21	Punjab	5			3		3	3			
22	Rajasthan	16		1	7		4	12			
23	Sikkim										
24	Tamil Nadu	31		2	23	13	19	31	10		
25	Telangana	17	5	2	7	1	10	14	3		
26	Tripura										
27	Uttarakhand										
28	Uttar Pradesh	24		7	9		8	13			
29	West Bengal	22	2	10	5	2	6	13			3
30	A & N Islands										
31	Chandigarh	16	6	8	0	4	8	0			
32	D & N Haveli										
33	Daman & Diu										
34	Delhi	23		0	4	2	2	20			
35	Lakshadweep										
36	Puducherry	2									
	India	282	17	57	103	28	98	176	55	6	20

Source: Medical Council of India

5.10 (Contd.) State/ UT wise list of Post Graduate Diploma/ MD/MS Courses and Superspeciality Courses in India as on as on Dec - 2015

S. No.	State/ UT	DM / MCH Courses												
		Pulmonary Medicine	Rheumatology	Cardio Thoracic Surgery	Cardio Thoracic vascular Surgery	Endocrine Surgery	Neuro Surgery	Plastic Surgery	Surgical Gastroenterology / G I Surgery	Surgical Oncology	Thoracic Surgery	Urology/ Genito Urinary Surgery	Vascular Surgery	Paeditric Surgery
1	Andhra Pradesh		0	5	2		13	4	3	2	11		4	
2	Arunachal Pradesh													
3	Assam			2			2	2			2		2	
4	Bihar							1			2			
5	Chhattisgarh													
6	Goa						2							
7	Gujarat				4		9	17	1	10	4		5	
8	Haryana				2			1			1		2	
9	Himachal Pradesh				2									
10	Jammu & Kashmir				5		2	2			1			
11	Jharkhand						1							
12	Karnataka	1		13	4		23	13	2	11	30	2	12	
13	Kerala	3		1	6		20	5	5	6	6	18	12	
14	Madhya Pradesh						3			2	1		2	
15	Maharashtra			3	8		12	21		16	10	17	13	
16	Manipur										2			
17	Meghalaya													
18	Mizoram													
19	Nagaland													
20	Odisha				1		4	3			4		2	
21	Punjab				1		2	4			1		1	
22	Rajasthan			8	2		16	6			13		10	
23	Sikkim													
24	Tamil Nadu		5	10	1	3	25	32	10	9	18	30	6	23
25	Telangana		3	11	1		16	16	1	1		12		9
26	Tripura													
27	Uttarakhand													
28	Uttar Pradesh		2	3	6	4	10	9	8	4		12		4
29	West Bengal		2	12	6		11	14				12		10
30	A & N Islands													
31	Chandigarh	4		12			12	10	0			10		8
32	D & N Haveli													
33	Daman & Diu													
34	Delhi	2			24		23	10	3			7		16
35	Lakshadweep													
36	Puducherry				1		1	1				4		
	India	10	12	80	76	7	207	171	33	61	34	194	8	135

Source: Medical Council of India

Note: Regarding other Specialities and Superspecialities, data is not available

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