

IAMR Report No. 2/1966

MANPOWER SURVEY
HEALTH AND MEDICAL MANPOWER

STOCK OF ALLOPATHIC DOCTORS IN INDIA



99T(LM5)

X:99T(LM5),2.2.N7
K6
126127

INSTITUTE OF APPLIED MANPOWER RESEARCH
INDRAPRASTHA ESTATE, RING ROAD
NEW DELHI

and

NATIONAL INSTITUTE OF HEALTH ADMINISTRATION
AND EDUCATION, PATIALA HOUSE,
NEW DELHI

September, 1966

The Institute of Applied Manpower Research was set up in 1962 by the Government of India to conduct research on problems of manpower planning. The main objects of the Institute are:-

- To advance knowledge about the nature, characteristics and utilisation of the human resources in India.
- To provide a broad perspective of requirements of trained manpower for economic development in different fields with due regard to the probable impact of technological changes on the pattern of employment.
- To develop improved methods and techniques for dealing with:-

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development of the existing work

preparation for employment;

ce;

developing highly talented

and supply of manpower
centers.

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FOREWORD

This Working Paper sets out the results of one of a series of studies forming part of the Health and Medical Manpower Survey. This survey is one of the major projects of the Institute of Applied Manpower Research undertaken in collaboration with the National Institute of Health Administration and Education to help various planning bodies to assess the availability and further needs of Health and Medical Personnel during the Fourth and subsequent plan periods. The survey aims at a comprehensive coverage of all medical and health manpower, viz., Doctors (Allopaths, Ayurveds, Homeopaths and other), Nurses, Dentists, Pharmacists, Para-medical and Auxiliary medical personnel.

2. The scope of this survey was set out in a pamphlet entitled "Health and Medical Manpower Survey, Memorandum" (IAMR Working Paper No. 3/1964). The study commenced in August, 1964. A programme Sub-committee consisting of (i) Shri P. K. Das, Director, Institute of Applied Manpower Research, (Chairman); (ii) Shri G. Jagathpathi, Director, Directorate of Manpower, Ministry of Home Affairs; (iii) Dr. K. N. Rao, Director General of Health Services, Ministry of Health and Family Planning; (iv) Dr. N. Junglawala, Additional Director General of Health Services, Ministry of Health and Family Planning; (v) Dr. D. Bhatia, Family Planning Commissioner, Ministry of Health and Family Planning, and (vi) Shri Pitambar Pant, Chief, Perspective Planning Division, Planning Commission is responsible for laying down the design of the survey and progressing it from time to time.

3. On the basis of data collected and analysed at the Institute, a working paper was circulated in draft form to interested organisations/individuals for eliciting comments. Useful comments on this paper were received from the South-East Asia Regional Office of the World Health Organisation (New Delhi), the Medical Council of India and the Directorate of Manpower of the Ministry of Home Affairs. This report incorporates these comments as well as suggestions made by members of the Programme Sub-committee in its meeting held on 19th September, 1966.

4. Estimates of stock of "doctors" in India are not available from any one single source. There are several sources, each of which gives a partial picture of available medical manpower. This study brings together all available information on the number and distribution of doctors and an estimate has been made of the stock of doctors for the latest period together with their distribution by age, sex, rural and urban residence, etc.

5. The original draft of this working paper was prepared by Shri R. Ramalinga Iyer, a former Senior Research Officer, of the Institute under the guidance of Dr. S. Krishnaswamy Rao, Adviser to IAMR on the Health and Medical Manpower Survey and Professor of Public Health Administration National Institute of Health Administration and Education, S/Shri Y. L. Ahuja, S. K. Sinha, T. V. Ramamurthy, Rukan Singh, and J. N. Goel of the Institute of Applied Manpower Research assisted in the collection of the data from different sources and their analysis and tabulation.

6. The results set out in this paper present the best estimates that can be formed by getting together information from a number of sources each of which is affected by incompleteness in some particulars and deficiencies in others. It is believed, however, that they are good enough to be accepted as a working basis for the present.

P. K. Das
Director

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APPENDIX - I

DISTRIBUTION OF DOCTORS BY DISTRICTS IN
URBAN OR RURAL AREAS, 1961

ANDHRA PRADESH

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Kurnool	253	27	280	27	-	27	280	27	307
Mahboobnagar	60	4	64	16	-	16	76	4	80
Hyderabad	2684	197	2881	42	4	46	2726	201	2927
Medak	34	4	38	22	1	23	56	5	61
Nizamabad	30	4	34	37	5	42	67	9	76
Adilabad	34	6	40	21	-	21	55	6	61
Karimnagar	30	4	34	53	1	54	83	5	88
Warangal	58	12	70	31	1	32	89	13	102
Khamam	56	1	57	26	1	27	82	2	84
Nalgonda	40	4	44	18	6	24	58	10	68
Srika Kulam	61	4	65	69	4	73	130	8	138
Visakha Patnam	420	75	495	72	2	74	492	77	569
East Godavari	381	58	439	128	5	133	509	63	572
West Godavari	129	25	154	48	3	51	177	28	205
Krishna	281	42	323	62	2	64	344	44	388
Guntur	258	65	323	88	2	101	356	68	424
Nellore	133	21	154	31	3	34	164	24	188
Chittoor	121	23	144	22	2	24	143	25	168
Cuddapah	55	8	63	11	-	11	66	8	74
Anantpur	71	13	84	90	1	91	161	14	175
Grand Total	5190	597	5787	924	44	968	6114	641	6755

ASSAM

Di stricts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Gopalpara	48	2	50	218	4	222	266	6	272
Kamrup	169	11	180	313	4	317	482	15	497
Sibsagar	33	2	35	262	-	262	295	2	297
Lakhimpur+	117	8	125	250	5	255	367	13	380
United Mikir and north									
Cachar hills	7	-	7	88	-	88	95	-	95
Mizo hills	4	1	5	12	-	12	16	1	17
Garo hills	7	1	8	15	2	17	22	3	25
United Kheri and									
Jerintna hills	70	8	78	41	8	49	111	16	127
Nowganj	54	5	59	69	-	69	123	5	128
Darrang	41	3	44	903	-	903	944	3	947
Cachar	160	4	164	162	-	162	322	4	326
Grand Total	710	45	755	2333	23	2356	3043	68	3111

BIHAR

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Patna	863	80	943	255	7	262	1118	87	1205
Gaya	210	18	228	157	2	159	367	20	387
Shahabad	157	13	170	109	-	109	266	13	279
Palamau	34	4	38	35	3	38	69	7	76
Hazaribagh	114	10	124	82	4	86	196	14	210
Ranchi	149	17	166	74	4	78	223	21	244
Dhanbad	198	7	205	134	3	137	332	10	342
Singhbhum	233	32	265	52	1	53	285	33	318
Monghyr	227	6	233	79	13	92	306	19	325
Bhagalpur	158	5	163	1053	-	1053	1211	5	1216
Saharsa	46	5	51	34	-	34	80	5	85
Purnea	158	11	169	109	-	109	267	11	278
Santhal Parganas	115	7	122	103	-	103	118	7	125
Saran	85	4	89	462	6	468	547	10	557
Champaran	97	5	102	98	1	99	195	6	201
Muzzafarpur	199	5	204	573	7	580	772	12	784
Dharbhanga	289	17	306	146	1	147	435	18	453
Grand Total	3332	246	3578	3555	52	3607	6887	298	7185

GUJARAT

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Junagadh	139	7	146	43	1	44	182	8	190
Kutch	60	4	64	136	2	138	196	6	202
Surat	299	35	334	227	9	236	526	44	570
Amreli	59	3	62	27	1	28	86	4	90
Panchmahals	83	20	103	77	4	81	160	24	184
Surendra Nagar	80	2	82	29	-	29	109	2	111
Broach	73	5	78	102	1	103	175	6	181
Kaira	178	12	190	209	7	216	387	19	406
Sabar Kantha	41	2	43	139	1	140	180	3	183
Mehsara	124	5	129	116	-	116	240	5	245
Bansas Kantha	43	2	45	45	-	45	88	2	90
Bhavnagar	127	11	138	55	-	55	182	11	193
Ahmedabad	775	82	857	98	1	99	873	83	956
Jamnagar	226	26	252	28	-	28	254	26	280
Baroda	340	20	360	170	5	175	510	25	535
Dangs	-	-	-	10	-	10	10	-	10
Rajkot	198	55	253	58	-	58	256	55	311
Grand Total	2845	291	3136	1569	32	1601	4414	323	4737

JAMMU AND KASHMIR

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Jammu	56	14	70	11	-	11	67	14	81
Poonch - Rajouri	6	1	7	2	-	2	8	1	9
Udhampur	7	1	8	7	-	7	14	1	15
Kathua	7	2	9	2	-	2	9	2	11
Doda	6	1	7	7	-	7	13	1	14
Ladakh	2	-	2	6	11	7	8	1	9
Baramulla	14	2	16	6	-	6	20	2	22
Srinagar	153	20	173	16	1	17	169	21	190
Anantnag	5	5	10	6	-	6	11	5	16
Grand Total	256	46	302	63	2	65	319	48	367

KERALA

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Cannanore	103	12	115	125	9	134	228	21	249
Kozhikode	219	50	269	271	10	281	490	60	550
Palghat	61	20	81	145	12	157	206	32	238
Trichur	64	18	82	170	9	179	234	27	261
Ernakulam	133	39	172	233	26	259	366	65	431
Kottayam	58	18	76	305	26	331	363	44	407
Alleppey	109	25	134	279	45	324	388	70	458
Quilon	34	15	49	303	22	325	337	37	374
Trivandrum	260	69	329	182	32	214	442	101	543
Grand Total	1041	266	1307	2013	191	2204	3054	457	3511

MADHYA PRADESH

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Gwalior	303	36	339	14	-	14	317	36	353
Datia	12	1	13	17	-	17	29	1	30
Bhind	16	2	18	12	-	12	28	2	30
Morena	22	3	25	21	-	21	43	3	46
Guna	21	1	22	6	-	6	27	1	28
Shivpuri	20	-	20	9	1	10	29	1	30
Chhatarpur	39	2	41	36	2	38	75	4	79
Tikamgarh	10	1	11	20	-	20	30	1	31
Panna	4	1	5	5	-	5	9	1	10
Satna	28	4	32	17	-	17	45	4	49
Shahdol	28	2	30	35	1	36	63	3	66
Rewa	33	4	37	17	-	17	50	4	54
Mandsaur	48	8	56	32	4	36	80	12	92
Sidhi	2	-	2	9	-	9	11	-	11
Ratlam	78	3	81	8	-	8	86	3	89
Ujjain	100	13	113	9	6	15	109	19	128
Jhabva	13	5	18	15	-	15	28	5	33
Dhar	34	2	36	32	-	32	66	2	68
Indore	391	73	464	12	-	12	403	73	476
Dewas	29	1	30	5	-	5	34	1	35
East Nimar	77	5	82	41	-	41	118	5	123
West Nimar	70	4	74	27	-	27	97	4	101
Shajapur	28	4	32	22	-	22	50	4	54
Rajgarh	16	3	19	1	-	1	17	3	20

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Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Sehore (Bhopal)	243	38	281	12	-	12	255	38	293
Vidisha	26	2	28	2	-	2	28	2	30
Raisen	7	2	9	5	-	5	12	2	14
Botul	29	1	30	-	-	-	29	1	30
Hoshangabad	53	6	59	26	2	28	79	8	87
Sagar	74	6	80	11	2	13	85	8	93
Domah	29	2	31	6	-	6	35	2	37
Jabalpur	313	42	355	26	1	27	339	43	382
Narsimhapur	27	2	29	10	-	10	37	2	39
Mandla	17	1	18	20	-	20	37	11	38
Chindwara	63	5	68	42	-	42	105	5	110
Seoni	12	2	14	34	1	35	46	3	49
Balaghat	26	1	27	51	1	52	77	2	79
Sarguja	25	1	26	25	1	26	50	2	52
Balaspur	106	14	120	76	3	79	182	17	199
Raigarh	27	5	32	28	1	29	55	6	61
Durg	94	13	107	114	7	121	208	40	228
Raipur	126	14	140	210	3	213	336	17	353
Bastar	17	2	19	35	-	35	52	2	54
Grand Total	2736	337	3073	1155	36	1191	3891	373	4264

MADRAS

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Madras Corporation	1481	478	1959	-	-	-	1481	478	1959
Kanya Kumari	56	8	64	47	4	51	103	12	115
Ramanathapuram	150	23	173	45	3	48	195	26	221
Tirunelveli	216	38	254	35	4	39	251	42	293
Thanjavur	313	68	381	46	1	47	359	69	428
Tiruchirapalli	286	42	328	44	3	47	330	45	375
Madurai	396	112	508	20	13	33	416	125	541
Coimbatore	344	80	424	106	16	122	450	96	546
Salem	129	14	143	129	18	147	258	32	290
South Arcot	111	24	135	59	6	65	170	30	200
North Arcot	395	119	514	89	18	107	484	137	621
Nilgiris	67	-	67	22	-	22	89	-	89
Chinglepet	162	36	198	70	14	84	232	50	282
Grand Total	4106	1042	5148	712	100	812	4818	1142	5960

MAHARASHTRA

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Sholapur	286	29	315	51	2	53	337	31	368
Dhulia	163	4	167	15	-	15	178	4	182
Ratnagiri	139	5	144	107	1	108	246	6	252
Kolaba	37	5	42	36	-	36	73	5	78
Satara	130	14	144	86	5	91	216	19	235
Sangli	101	13	114	99	4	103	200	17	217
Buldhana	78	8	86	104	2	106	182	10	192
Chanda	39	5	44	51	3	54	90	8	98
Nagpur	584	108	692	20	2	22	604	110	714
Wardha	37	-	37	40	1	41	77	1	78
Yeotmal	126	22	148	69	1	70	195	23	218
Bhandara	73	4	77	48	3	51	121	7	128
Nasik	295	107	402	61	1	62	356	108	464
Thana	141	45	186	105	19	124	246	64	310
Ahmednagar	117	22	139	116	2	118	233	24	257
Poona	1110	249	1359	41	10	51	1151	259	1410
Parbhani	51	3	54	25	-	25	76	3	79
Amravati	194	84	278	58	1	59	252	85	337
Jalgaon	175	22	197	82	4	86	257	26	283
Aurangabad	150	8	158	40	3	43	190	11	201
Kolhapur	139	21	160	100	3	103	239	24	203

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Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Akola	134	15	149	70	2	72	204	17	221
Bombay	4181	936	5117	-	-	-	4181	936	5117
Osmanabad	131	1	132	66	1	67	197	2	199
Nanded	42	1	43	48	-	48	90	1	91
Bhir	8	-	8	30	1	31	38	1	39
Grand Total	8661	1732	10393	1568	71	1639	10229	1803	12032

MIDDLE

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Bijapur	52	3	55	80	1	81	132	4	136
Raichur	90	4	94	7	-	7	97	4	101
Chitaldrug	90	10	100	68	1	69	158	11	169
Bidar	35	1	36	18	-	18	53	1	54
Gulbarga	103	7	110	7	-	7	110	7	117
Dharwar	307	20	327	78	1	79	385	21	406
North Kanara	26	-	26	77	1	78	103	1	104
Belgaum	177	10	187	120	2	122	297	12	309
Chikmagalur	39	6	45	47	1	48	86	7	93
Mandya	51	5	56	42	-	42	93	5	98
Shimoga	99	9	108	38	1	39	137	10	147
Hassan	30	6	36	46	-	46	76	6	82
Coorg	23	5	28	159	6	165	182	11	193
South Kanara	238	28	266	151	7	158	389	35	424
Mysore	354	52	406	54	4	58	408	56	464
Bellary	104	7	111	16	-	16	120	7	127
Kolar	85	12	97	54	3	57	139	15	154
Tumkur	61	7	68	66	1	67	127	8	135
Banglore	752	126	878	65	2	67	817	128	945
Grand Total	2716	318	3034	1193	31	1224	3909	349	4258

ORISSA

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Cuttack	287	37	324	348	32	380	635	69	704
Koraput	50	9	59	55	-	55	105	9	114
Kalahandi	14	1	15	4	-	4	18	1	19
Sambalpur	155	52	207	93	4	97	248	56	304
Baudh-Khondwals	4	-	4	19	2	21	23	2	25
Ganjam	154	16	170	49	1	50	203	17	220
Sundargarh	58	8	66	10	-	10	68	8	76
Dhen Khanal	8	2	10	18	2	20	26	4	30
Puri	122	24	146	52	7	59	174	31	205
Keon Jhar	18	-	18	186	5	191	204	5	209
Mayurbhanj	2	13	15	39	2	41	41	15	56
Balasore	50	5	55	103	-	103	153	5	158
Bolangir	23	3	26	12	1	13	35	4	39
Grand Total	945	170	1115	988	56	1044	1933	226	2159

PUNJAB

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Hissar	67	12	79	102	3	105	169	15	184
Rohtak	462	27	489	148	1	149	610	28	639
Gurgaon	48	10	58	36	-	36	84	10	94
Karnal	56	10	66	137	-	137	193	10	203
Ambala	382	56	438	299	11	310	681	67	748
Simla	66	16	82	-	-	-	66	16	82
Kangra	136	10	146	298	23	321	434	33	467
Lahaul and Spiti	7	-	7	-	-	-	7	-	7
Hoshiarpur	260	9	269	136	-	136	396	9	405
Jullundur	316	12	328	389	8	397	705	20	725
Ludhiana	313	35	348	273	11	284	586	46	632
Ferozepur	170	7	177	147	16	163	317	23	340
Amritsar	366	59	425	280	15	295	646	74	720
Gurdaspur	138	10	148	257	-	257	395	10	405
Kapurthala	82	17	99	93	7	100	175	24	199
Bhatinda	202	6	208	63	-	63	265	6	271
Sangrur	150	2	152	106	5	111	256	7	263
Patiala	293	33	326	121	4	125	414	37	451
Mahendergarh	110	2	112	81	1	82	191	3	194
Grand Total	3624	333	3957	2966	105	3071	6590	438	7028

RAJASTHAN

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Ganganagar	120	2	122	55	1	56	175	3	178
Bikaner	87	15	82	15	-	15	82	15	97
Sirohi	40	3	43	3	-	3	43	3	46
Bhilwara	17	2	19	29	1	30	46	3	49
Jalore	2	-	2	6	-	6	8	-	8
Barmer	8	-	8	2	-	2	10	-	10
Nagaur	25	3	28	5	-	5	30	3	33
Chitorgarh	26	1	27	13	-	13	39	1	40
Jhunjhunu	28	1	29	18	-	18	46	1	47
Bharat Pur	93	3	96	20	-	20	113	3	116
Jaipur	308	59	367	72	1	73	380	60	440
Jhalwar	13	-	13	6	-	6	19	-	19
Churu	44	4	48	7	-	7	51	4	55
Bundi	8	2	10	9	1	10	17	3	20
Alwar	52	7	59	49	1	50	101	8	109
Dungarpur	11	-	11	15	3	18	26	3	29
Ajmer	332	25	357	5	1	6	337	26	363
Pali	35	3	38	20	-	20	55	3	58
Kota	92	5	97	185	5	190	277	10	287
Udaipur	95	11	106	34	2	36	129	13	142
Swaimodhopur	31	1	32	15	2	17	46	3	49
Sikar	34	5	39	35	-	35	69	5	74
Tonk	17	2	19	25	-	25	42	2	44
Banswara	8	3	11	5	-	5	13	3	16
Jodhpur	152	22	174	23	-	23	175	22	197
Jaisalmer	7	-	7	-	-	-	7	-	7
Grand Total	1805	185	1990	671	18	689	2476	203	2679

UTTAR PRADESH

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Bareilly	111	24	135	57	1	58	168	25	193
Pilibhit	7	3	10	25	-	25	32	3	35
Bijnor	82	6	88	85	-	85	167	6	173
Moradabad	206	11	217	134	-	134	340	11	351
Badaun	100	1	101	20	-	20	120	1	121
Rampur	53	2	55	64	2	66	117	4	121
Shajahanpur	35	1	36	17	-	17	52	1	53
Lucknow	629	89	718	5	1	6	634	90	724
Unmao	29	1	30	25	-	25	54	1	55
Sitapur	59	7	66	13	17	30	72	24	96
Kheri	26	-	26	66	-	66	92	-	92
Hardoi	79	5	84	12	-	12	91	5	96
Rae Barely	19	2	21	36	-	36	55	2	57
Varanasi	244	22	266	99	15	114	343	37	380
Mirzapur	63	7	70	184	16	200	247	23	270
Ballia	18	2	20	138	1	139	156	3	159
Jaunpur	25	2	27	58	1	59	83	3	86
Gorakhpur	114	19	133	80	1	81	194	20	214
Deoria	14	-	14	74	2	76	88	2	90
Gazipur	7	1	8	188	11	199	195	12	207
Gonda	31	-	31	22	-	22	53	-	53
Barabanki	11	7	18	18	-	18	29	7	36
Faizabad	76	4	80	27	-	27	103	4	107
Bahraich	104	11	115	134	3	137	238	14	252
Sultanpur	17	1	18	27	-	27	44	1	45
Pratapgarh	11	1	12	60	-	60	71	1	72
Uttar Kashi	5	1	6	3	-	3	8	1	9
Chamoli	-	-	-	8	-	8	8	-	8
Tehri-Garhwal	2	2	4	5	-	5	7	2	9
Pithorgarh	-	-	-	35	1	36	35	1	36
Garhwal	12	1	13	4	-	4	16	1	17
Almora	8	-	8	4	-	4	12	-	12
Nainital	49	8	57	22	1	23	71	9	80
Jhansi	179	9	188	167	-	167	346	9	355
Jalaun	21	12	33	77	-	77	98	12	110

(Continued on Next Page)

UTTAR PRADESH (Contd.)

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Hamirpur	12	10	22	27	3	30	39	13	52
Banda	77	1	78	13	-	13	90	1	91
Basti	20	-	20	78	15	93	98	15	113
Azamgarh	30	2	32	10	1	11	40	3	43
Allahabad	227	20	247	38	13	51	265	33	298
Fatehpur	10	2	12	59	-	59	69	2	71
Aligarh	151	-	151	210	43	253	361	43	404
Mathura	154	2	156	182	-	182	336	2	338
Mainpuri	35	2	37	43	1	44	78	3	81
Agra	341	101	442	52	2	54	393	103	496
Etaha	36	5	41	-	1	1	36	6	42
Saharanpur	76	2	78	169	5	174	245	7	252
Dehradun	84	2	96	18	-	18	112	2	114
Meerut	180	25	185	353	6	359	513	31	544
Muzaffarnagar	86	3	89	306	24	330	392	27	419
Farrukhabad	20	2	22	2	-	2	22	2	24
Bulandshahr	72	8	80	184	4	188	256	12	268
Etawah	64	-	64	15	-	15	79	-	79
Kanpur	518	64	582	16	-	16	535	64	599
Grand Total	4630	513	5143	3768	191	3959	8398	704	9092

WEST BENGAL

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
Calcutta	4765	352	5117	-	-	-	4765	352	5117
Birbhum	99	4	103	269	2	271	368	6	374
Jalpaiguri	248	1	249	292	2	294	540	3	543
Howrah	757	15	772	284	1	285	1041	16	1057
Burdwan	647	7	654	540	7	547	1187	14	1201
Midnapur	418	3	421	463	18	481	881	21	902
Nadia	306	-	306	570	11	581	876	11	887
Murshidabad	155	2	157	554	65	559	709	7	716
Hooghly	498	15	513	158	69	167	656	24	680
Purulia	68	4	72	122	3	125	190	7	197
24-Parganas	1530	27	1557	1699	9	1708	3229	36	3265
Darjeeling	114	26	140	51	1	52	165	27	192
West Dinajpur	185	2	187	260	1	261	445	3	448
Cooch Behar	151	1	152	320	-	320	471	1	472
Malda	88	1	89	291	4	295	379	5	384
Bankura	134	1	135	308	38	346	442	39	481
Grand Total	10163	461	10624	6181	111	6292	16344	572	16916

UNION TERRITORIES

Districts	Urban			Rural			Total		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
<u>Delhi</u>	4244	868	5112	-	-	-	4244	868	5112
<u>Himachal Pradesh</u>									
1. Chamba	9	-	9	7	-	7	16	-	16
2. Mandi	19	2	21	11	1	12	30	3	33
3. Bilaspur	4	-	4	5	-	5	9	-	9
4. Mahabu	10	4	14	23	-	23	32	4	36
5. Sirmur	9	1	10	5	-	5	14	1	15
6. Kinnaur	-	-	-	3	-	3	3	-	3
<u>Total</u>	51	7	58	53	1	54	104	8	112
<u>Nepal</u>	-	-	-	66	5	71	66	5	71
<u>Manipur</u>	63	5	68	62	2	64	125	7	132
<u>Tripura</u>	160	4	164	550	4	554	710	8	718
<u>Pondicherry</u>	132	7	139	18	5	23	150	12	162
<u>Nagaland</u>									
1. Kohima	11	2	13	7	-	7	18	2	20
2. Mokokchung	1	1	2	2	-	2	3	1	4
3. Tuensang	-	-	-	16	-	16	16	-	16
<u>Total</u>	12	3	15	25	-	25	37	3	40
<u>Goa, Daman, Diu</u>	9	-	9	7	-	7	16	-	16
<u>Dadra, Nagar, Haveli</u>									
<u>Haveli</u>	-	-	-	3	-	3	3	-	3
<u>Laccadive Minicoy Islands</u>									
<u>Islands</u>	-	-	-	4	1	5	4	1	5
<u>Andaman and Nicobar Islands</u>									
<u>Islands</u>	9	2	11	9	1	10	18	3	21
<u>Sikkim</u>	2	-	2	-	-	-	2	-	2
<u>Grand Total</u>	4682	896	5578	797	19	816	5479	915	6394

APPENDIX II

DOCTOR-POPULATION RATIO BY DISTRICTS

(Ratio of Doctors per million Population, 1961)

ANDHRA PRADESH

S. No.	District	Men	Women	Total
1.	Karnool	147	14	161
2.	Mahboobnagar	48	2	50
3.	Hyderabad	1323	98	1421
4.	Medak	46	4	50
5.	Nizamabad	66	9	75
6.	Adilabad	55	6	61
7.	Karim Nagar	51	3	54
8.	Warangal	58	8	66
9.	Khammam	78	2	80
10.	Nalgonda	37	6	43
11.	Srikakulam	56	3	59
12.	Visakhapatnam	210	33	243
13.	East Godawari	195	24	219
14.	West Godawari	89	15	104
15.	Krishna	166	21	187
16.	Guntur	119	23	142
17.	Nellore	81	12	93
18.	Chittoor	75	13	88
19.	Cuddapah	49	6	55
20.	Anantpur	91	8	99
Total		170	18	188

ASSAM

S. No.	Districts	Men	Women	Total
1.	Gopalpara	173	4	177
2.	Kamrup	234	7	241
3.	Sibsagar	197	1	198
4.	Lakhimpur	235	8	243
5.	United Mikir North Cachar Hills	206	-	206
6.	Mizo Hills	62	3	65
7.	Garo Hills	73	10	83
8.	United Khasi-Jaintia Hills	241	34	276
9.	Nowgong	102	4	106
10.	Darrang	733	2	735
11.	Cachar	234	3	237
Total		256	6	262

BIHAR

S. No.	District	Men	Women	Total
1.	Patna	379	30	409
2.	Gaya	101	5	106
3.	Shahabad	83	4	87
4.	Palnava	58	6	64
5.	Hazaribagh	82	6	88
6.	Ranchi	104	10	114
7.	Dhanbad	287	9	296
8.	Singhbhum	140	16	156
9.	Monghyr	90	6	96
10.	Bhagalpur	708	3	711
11.	Saharsa	46	3	49
12.	Purnea	87	3	90
13.	Santal Parganas	45	2	47
14.	Saran	153	3	156
15.	Champanan	65	2	67
16.	Muzaffarpur	188	3	191
17.	Darbhanga	99	4	103
	Total	148	7	155

GUJARAT

S. No.	District	Men	Women	Total
1.	Junagadh	147	7	154
2.	Kutch	284	9	293
3.	Surat	215	18	233
4.	Amreli	130	6	136
5.	Panch Mahals	110	16	126
6.	Surendra Nagar	165	3	168
7.	Broach†	197	7	204
8.	Kaira	196	10	206
9.	Sabar Kantha	198	3	201
10.	Mehsana	143	3	146
11.†	Banas Kantha	89	2	91
12.	Bhav Nagar	164	10	174
13.	Ahmedabad	395	38	433
14.	Jam Nagar	310	32	342
15.	Baroda	336	16	352
16.	Dangs	141	-	141
17.	Rajkot	213	46	257
Total		214	16	230

JAMMU AND KASHMIR

S. No.	District	Men	Women	Total
1.	Jammu	131	28	159
2.	Poonch Rajouri	25	3	28
3.	Udhampur	56	4	60
4.	Kathura	45	10	55
5.	Doda	50	4	54
6.	Ladakh	91	11	102
7.	Baramulla	34	3	37
8.	Srinagar	264	33	297
9.	Anantnag	17	8	25
Total		90	13	103

KERALA

S. No.	District	Men	Women	Total
1.	Cannanore	128	12	140
2.	Kozhikode	188	23	211
3.	Palghat	116	18	134
4.	Trichur	144	17	161
5.	Ernakulam	198	35	233
6.	Kottayam	210	25	235
7.	Alleppey	214	39	253
8.	Quilon	174	19	193
9.	Trivandrum	254	58	312
Total		181	27	208

MADHYA PRADESH

S. No.	District	Men	Women	Total
1.	Gwalior	488	55	543
2.	Datia	145	5	150
3.	Bhind	44	3	47
4.	Morena	55	4	59
5.	Guna	46	2	48
6.	Shivpuri	50	2	52
7.	Chhatarpur	129	7	136
8.	Tikarmgarh	67	2	69
9.	Panna	27	3	30
10.	Satna	65	6	71
11.	Shahdol	77	4	81
12.	Rewa	65	5	70
13.	Mandsaur	107	16	123
14.	Sidhi	19	-	19
15.	Ratlam	179	6	185
16.	Ujjain	165	29	194
17.	Jhabua	55	10	65
18.	Dhar	103	3	06
19.	Indore	538	97	38
20.	Dewas	78	2	80
21.	East Nimar	174	7	81
22.	West Nimar	98	4	02
23.	Shajapur	96	8	04
24.	Raj Garh	33	6	39
25.	Sehore	340	51	391
26.	Vidisha (Bhilsa)	58	4	62
27.	Raisen	29	5	34
28.	Betul	52	2	54
29.	Hoshangabad	130	13	143
30.	Sagar	108	10	118
31.	Damoh	81	5	86
32.	Jabalpur	267	34	301
33.	Narsimhapur	90	5	95
34.	Mandla	55	2	57
35.	Chindwara	135	6	141
36.	Seoni	89	6	95

MADHYA PRADESH (Contd.)

S. No.	District	Men	women	Total
37.	Balaghat	96	3	99
38.	Sarguja	50	2	52
39.	Bilaspur	90	8	98
40.	Raigarh	53	6	59
41.	Durg	111	11	122
42.	Raipur	168	9	177
43.	Bastar	45	2	47
Total		120	12	132

MADRAS

S.No.	District	Men	Women	Total
1.	Madras Corporation	861	278	1139
2.	Kanyakumari	206	24	230
3.	Ramnathapuram	81	10	91
4.	Tirunneveli	95	12	107
5.	Tanjavur	111	21	132
6.	Trichirapalli	103	14	117
7.	Madurai	129	39	168
8.	Coimbatore	127	27	154
9.	Salem	68	8	76
10.	South Arcot	57	10	67
11.	North Arcot	154	44	198
12.	Nilgiris	222	-	222
13.	Chingleput	106	23	129
Total		143	34	177

MAHARASHTRA

S. No.	District	Men	Women	Total
1.	Sholapur	181	17	198
2.	Dhulia	131	3	135
3.	Ratnagiri	135	3	138
4.	Kolaba	73	5	78
5.	Satara	151	13	164
6.	Sangli	163	13	176
7.	Buldhana	182	10	192
8.	Chanda	73	7	80
9.	Nagpur	400	73	473
10.	Wardha	122	1	123
11.	Yectmal	179	21	200
12.	Bhandara	96	6	102
13.	Nasik	192	58	250
14.	Thana	149	39	188
15.	Ahmednagar	131	14	145
16.	Poona	468	105	573
17.	Parbhani	63	2	65
18.	Amravati	205	69	274
19.	Jalgaon	146	15	161
20.	Aurangabad	124	7	131
21.	Kolhapur	150	15	165
22.	Akola	173	14	187
23.	Greater Bombay	1008	225	1233
24.	Osmanabad	134	1	135
25.	Nandad	84	1	85
26.	Bhir	38	10	48
	Total	258	46	304

MYSORE

S. No.	District	Men	Women	Total
1.	Bijapur	83	2	85
2.	Raichur	88	4	92
3.	Chitaldurg	158	11	169
4.	Bidar	80	1	81
5.	Gulbarga	85	5	90
6.	Dharwar	202	11	213
7.	North Canara	151	2	153
8.	Belgaum	150	6	156
9.	Chickmagalur	145	12	157
10.	Mandya	104	6	110
11.	Shimoga	135	10	145
12.	Hassan	85	7	92
13.	Coorg	569	34	603
14.	South Canara	249	22	271
15.	Mysore	244	34	278
16.	Bellary	132	7	139
17.	Kolar	108	11	119
18.	Tumkur	93	6	99
19.	Bangalore	327	51	378
Total		165	15	180

ORISSA

S. No.	District	Men	Women	Total
1.	Cuttack	212	23	235
2.	Koraput	70	6	76
3.	Kalahandi	18	1	19
4.	Sambalpur	165	37	202
5.	Baudh Khondmals	46	4	50
6.	Ganjam	109	9	118
7.	Sunder Garh	90	11	101
8.	Dhenkanal	26	4 ^f	30
9.	Puri	93	17	110
10.	Keonjhar	275	7	282
11.	Mayurbhanj	34	12	46
12.	Balasore	109	4	113
13.	Balangir	35	4	39
Total		110	13	123

PUNJAB

S.No.	District	Men	Women	Total
1.	Hissar	109	10	119
2.	Rohtak	429	20	449
3.	Gurgaon	68	8	76
4.	Karnal	129	7	136
5.	Ambala	497	49	546
6.	Simla	60	14	74
7.	Kangra	409	31	440
8.	Lahaul and Spiti	342	-	342
9.	Hoshiarpur	322	7	329
10.	Jullundur	578	16	594
11.	Ludhiana	586	46	632
12.	Ferozepur	197	14	211
13.	Amritsar	422	48	470
14.	Gurdaspur	403	10	413
15.	Kapurthala	515	70	585
16.	Bhatinda	265	6	271
17.	Sangrur	180	5	185
18.	Patiala	414	37	451
19.	Mahendargarh	354	5	359
	Total	324	22	346

RAJASTHAN

S.No.	District	Men	Women	Total
1.	Ganganagar	175	3	178
2.	Bikaner	186	34	220
3.	Sirohi	123	9	132
4.	Bhilwara	54	3	57
5.	Jalore	15	-	15
6.	Barmer	16	-	16
7.	Nagur	32	3	35
8.	Chitorgarh	55	1	56
9.	Jhunjhunu	65	1	66
10.	Bharatpur	99	3	102
11.	Jaipur	200	32	232
12.	Jhalwar	39	-	39
13.	Churu	79	6	85
14.	Bundi	51	9	60
15.	Alwar	101	8	109
16.	Dungarpur	65	8	73
17.	Ajmer	347	27	374
18.	Pali	69	4	73
19.	Kota	330	12	342
20.	Udaipur	92	9	101
21.	Swaimodhopur	49	3	52
22.	Sikar	84	6	90
23.	Tonk	86	4	90
24.	Banswara	28	6	34
25.	Jodhpur	199	25	224
26.	Jaisalmer	50	-	50
Total		116	10	126

UTTAR PRADESH

S.No.	District	Men	Women	Total
1.	Bareilly	114	17	131
2.	Pilibhit	52	5	57
3.	Bijnor	140	5	145
4.	Moradabad	172	6	178
5.	Badaun	85	1	86
6.	Rampur	167	6	173
7.	Shahajahanpur	47	1	48
8.	Lucknow	488	69	557
9.	Unneo	45	1	46
10.	Sitapur	45	15	60
11.	Kheri	73	-	73
12.	Hardoi	58	3	61
13.	Rai bareilly	42	1	43
14.	Varanasi	145	16	161
15.	Mirzapur	199	18	217
16.	Balia	117	2	119
17.	Jaunpur	49	2	51
18.	Gorakhpur	76	8	84
19.	Deoria	37	1	38
20.	Gazipur	148	9	157
21.	Gonda	25	-	25
22.	Barabanki	21	5	28
23.	Faizabad	63	2	65
24.	Bahraich	180	9	189
25.	Sultanpur	31	1	32
26.	Pratapgarh	56	1	57

(Continued on next Page)

UTTAR PRADESH (Contd.)

S. No.	District	Men	Women	Total
27.	Uttarkashi	67	8	75
28.	Chamoli	32	-	32
29.	Tehri-garhwal	20	6	26
30.	Pithoragarh	134	4	138
31.	Garhwal	33	2	35
32.	Almora	19	-	19
33.	Nainital	124	16	140
34.	Jhansi	320	8	328
35.	Jalaun	148	18	166
36.	Hamirpur	49	16	65
37.	Banda	95	1	96
38.	Basti	37	6	43
39.	Azamgarh	17	1	18
40.	Allahabad	110	14	124
41.	Fatehpur	69	2	71
42.	Aligarh	212	25	237
43.	Mathura	336	2	338
44.	Mainpuri	71	2	73
45.	Agra	211	55	266
46.	Etah	30	5	35
47.	Saharanpur	153	4	157
48.	Dehradun	266	5	271
49.	Meerut	190	11	201
50.	Muzaffarnagar	280	19	299
51.	Farrukhabad	17	1	18
52.	Buland Shahr	150	7	157
53.	Etawah	67	-	67
54.	Kanpur	224	27	251
Total		114	9	123

WEST BENGAL

S. No.	District	Men	Women	Total
1.	Calcutta	1632	120	1752
2.	Birbhum	255	4	259
3.	Jalpaiguri	400	2	402
4.	Howrah	520	8	528
5.	Burdwan	395	5	400
6.	Midnapur	203	5	208
7.	Nadia	512	6	518
8.	Murshidabad	309	4	313
9.	Hoogly	294	11	305
10.	Purulia	139	5	144
11.	24 Parganas	514	5	519
12.	Darjeeling	266	43	309
13.	West Dinajpur	337	2	339
14.	Cooch-bihar	471	1	472
15.	Maldah	310	4	314
16.	Bankura	266	23	289
Total		468	16	484

CHECKED
2002-03
UNION TERRITORIES

S.No.	Territory	Men	Women	Total
	Delhi	1601	327	1929
<u>Himachal Pradesh</u>				
1.	Chamba	76	-	76
2.	Mandi	79	8	87
3.	Bilaspur	60	-	60
4.	Mahasu	91	11	102
5.	Sirmur	73	5	78
6.	Kinnaur	75	-	75
	Total	77	6	83
	<u>Nepal</u>	200	15	215
	<u>Manipur</u>	160	9	169
	<u>Tripura</u>	622	7	629
	<u>Pondicherry</u>	417	33	450
<u>Nagaland</u>				
1.	Kohima	180	20	200
2.	Mokokchung	25	8	33
3.	Tuen Sang	123	-	123
	Total	103	8	111
	<u>Goa, Daman, Diu</u>	26	-	26
	<u>Dadra and Nagar Haveli</u>	52	-	52
	<u>Laccadive, Minicoy and Aminidiv Islands</u>	200	5	205
	<u>Andaman and Nicobar Islands</u>	300	50	350
	<u>Sikkim</u>	12	-	12