

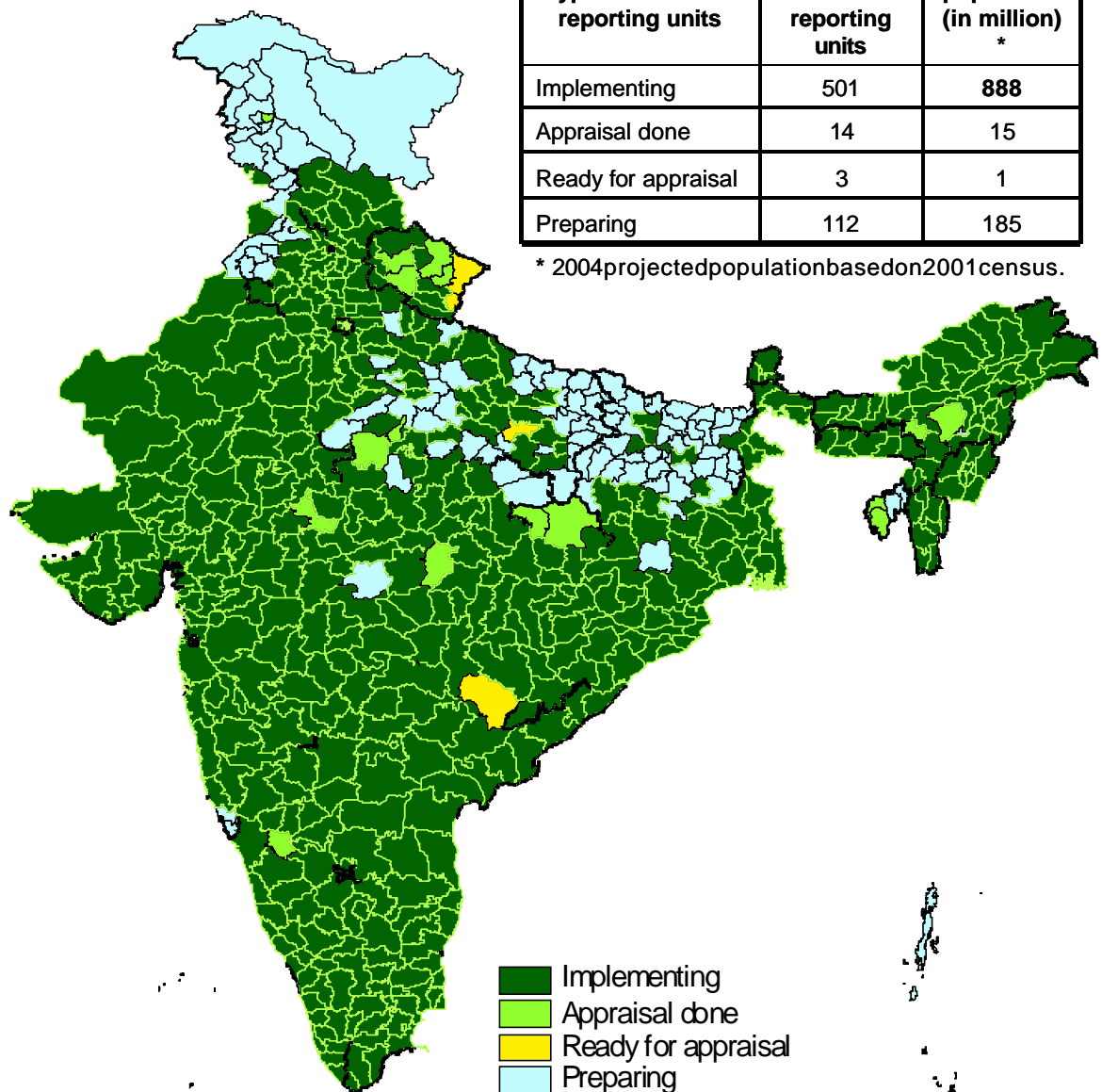
RNTCP Performance Report, India

Second Quarter, 2004

District-wise RNTCP implementation status

Type of districts / reporting units	No. of districts / reporting units	Projected population (in million) *
Implementing	501	888
Appraisal done	14	15
Ready for appraisal	3	1
Preparing	112	185

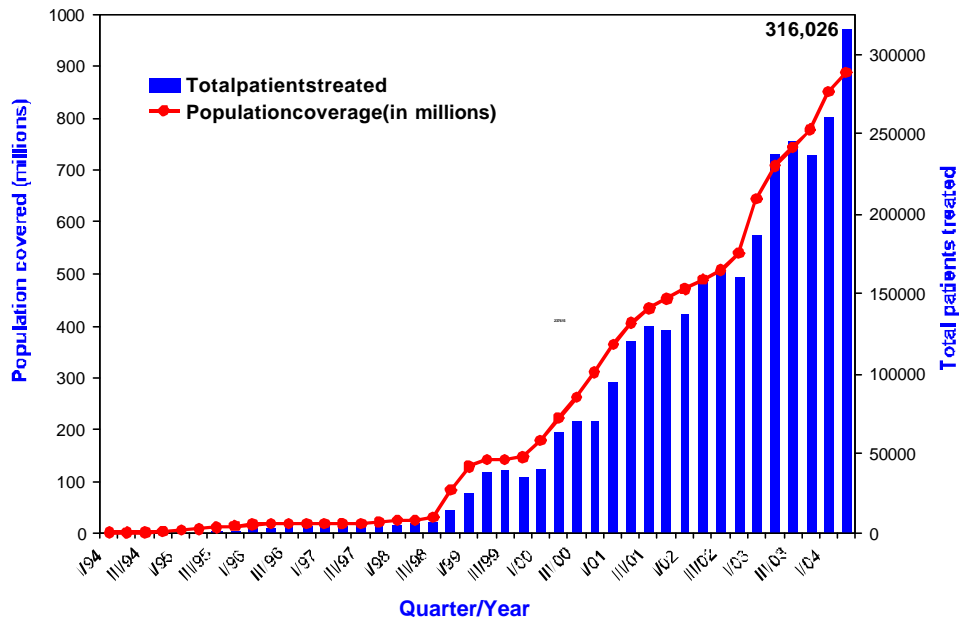
* 2004 projected population based on 2001 census.



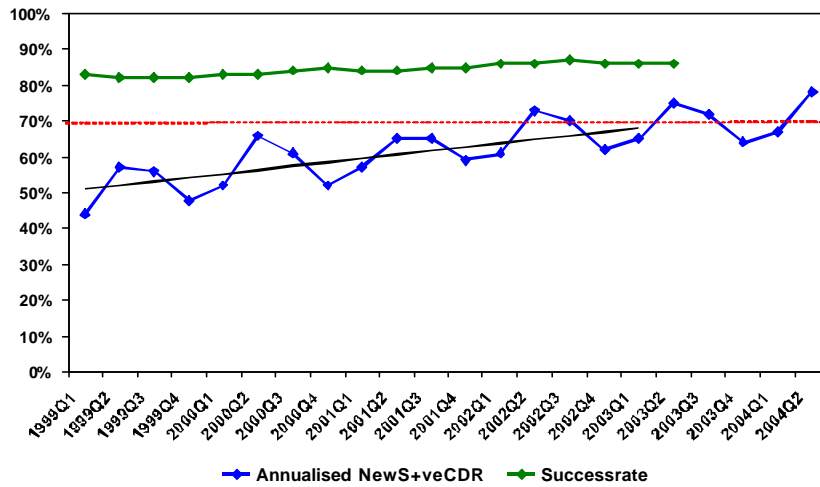
Central TB Division, Directorate General of Health Services
 Ministry of Health and Family Welfare, Nirman Bhavan, New Delhi 110011
<http://www.tbcindia.org>



Population in India covered under DOTS and total tuberculosis patients put on treatment each quarter *

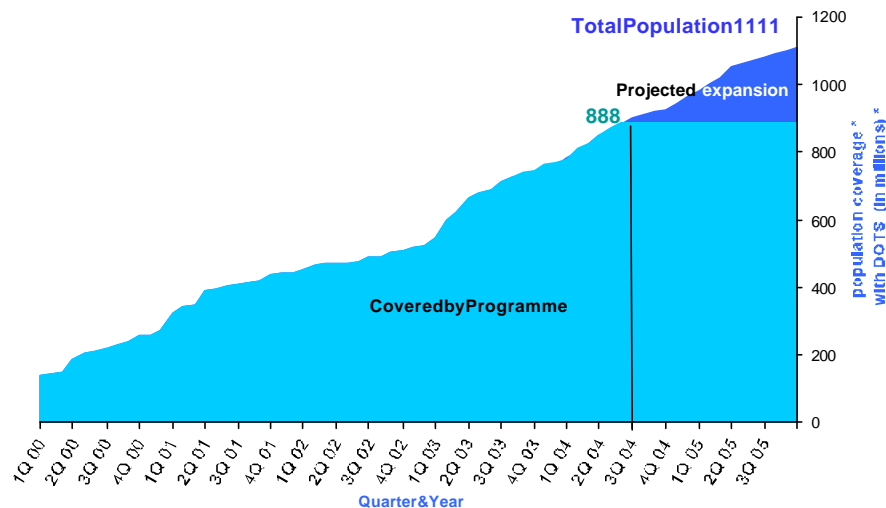


Annualized new smear-positive case detection rate and treatment success rate in DOTS areas, 1993-2004 *



• Population projected from 2001 census
 • Estimated no. of NSP cases - 75/100,000 population per year (based on recent ART report)

Multiyear DOTS expansion plan for India 30th June 2004 *



* All figures and data in this report use standard GOI Census Bureau methodology to project the population. Population is projected from 2001 census.

DOTS Expansion and other Achievements during the 2nd Quarter 2004

Dear Colleagues,

The rapid expansion of DOTS during the second quarter 2004 has been possible with the contribution of dedicated and committed staff at the district, state and national levels. India has continued to expand DOTS and significant achievements have been made during 2nd quarter.

Expansion of RNTCP

By June 2004, the coverage had increased from 851 million in March 2004 to 888 million - an addition of 37 million in the three months. To date, DOTS services are available to people in 501 Districts of 29 States and Union Territories. 17 states/union territories are now fully covered.

Performance

The case detection rate for this quarter is 78% with 3,16,026 patients placed on treatment. Success rate amongst the new smear positives registered in 2nd quarter 2003 was 86%. The sputum conversion rate and cure among the new sputum positives was 89% and 85% respectively.

Monitoring & supervision

The RNTCP is now covering more than 80% of the country's population. The overall performance of the programme at national level has been good. The performance of RNTCP varies across states and districts. There is a need to maintain and further improve the performance of RNTCP. There is also a need to ensure that reported figures are correct and consistent with field activities. To discuss these issues, a national meeting of STOs was held in May 2004. A monitoring strategy with specific indicators was developed after intensive discussions in groups. The strategy and indicators were further discussed at CTD and NTI. This has been shared with the states and will be discussed further in the next STOs and Consultants meeting.

Internal Evaluation

Most states have conducted internal evaluation of two districts in this quarter as per the guidelines. While some internal evaluation reports have been acted upon, there are many significant findings in the remaining reports, action on which is awaited.

Consensus Workshop on management of Pediatric TB

Guidelines for the management of Pediatric TB under the Revised National TB Control Programme were formulated in a workshop in 2003. A consensus statement on the management of Pediatric TB under the programme was also published in Indian Journal of Pediatrics. As recommended during the workshop, a National RNTCP-IAP Committee has been constituted to monitor implementation of the consensus statement. The first meeting of this committee was held in June 2004.

Web-based Resource Centre for IEC

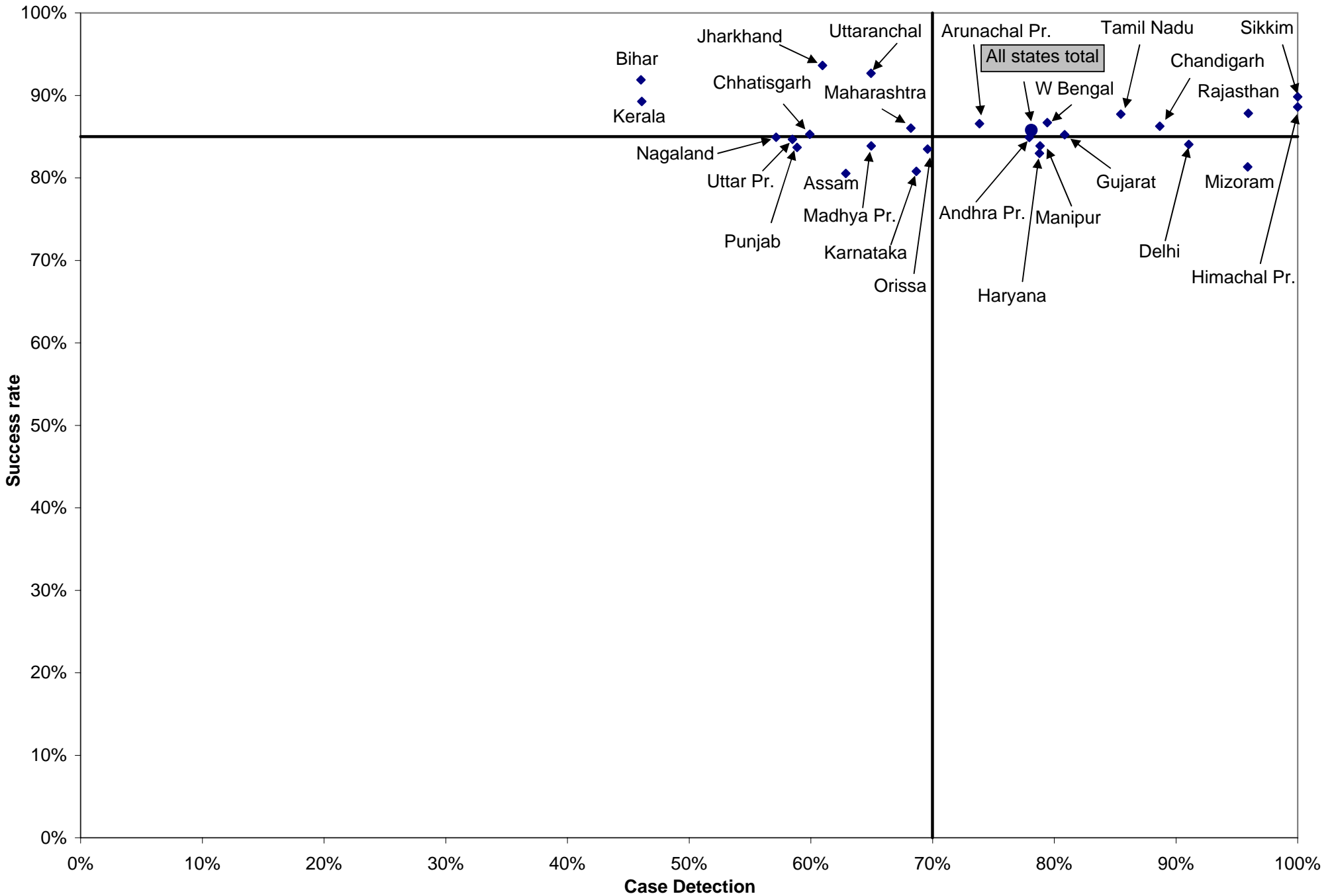
A web-based resource centre for IEC is being developed with the help of DANIDA. IEC materials from the states and districts have been reviewed. The material would be classified according to target group, media and type of material. The resource centre will be available on the web site: www.tbcindia.org in the next quarter.

Every quarter, the performance of RNTCP makes us feel proud of the achievements. We are aware of the challenges that lie ahead. We have the target of covering the entire country under DOTS by 2005. The areas that are still to be covered are difficult areas, in terms of infrastructure and accessibility. I am proud of our dedicated and committed teams at the district, state and national levels, and I am confident that we will achieve the target of achieving full national coverage by 2005.

I am also confident that the new indicators that have been developed and will be field tested, will ensure the quality of service through systematic and intensive monitoring and supervision.

Dr. L. S Chauhan, DDG (TB)
Directorate General of Health Services, MOHFW

Case-detection and treatment success rates in RNTCP areas for second quarter 2004/2003



Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter), and Treatment Outcomes (2003, second quarter)

Implementing states	Population (in lakh) covered by RNTCP * (%)	Total no. of districts /DTCs	No. of districts / DTCs reporting RNTCP	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients§	Cure rate of new smear positive patients ¶	Success rate of new smear +ve patients ¶
Andhra Pradesh	787 (100)	24	24	96162	(2.2)	122	15249	(15.9)	87%	26535	135	11506	58 (78)	0.8	90%	83%	85%
Arunachal Pradesh	12 (100)	6	6	2414	(2.4)	206	223	(9.2)	92%	533	182	162	55 (74)	1.1	96%	86%	87%
Assam	272 (97)	23	22	24799	(2.6)	91	4764	(19.2)	91%	7911	133	3140	47 (63)	1.0	87%	79%	81%
Bihar	158 (18)	37	5	11954	(5.5)	75	1746	(14.6)	94%	3871	106	1279	35 (46)	1.4	93%	89%	92%
Chandigarh	10 (100)	1	1	2976	(2.6)	298	463	(15.6)	97%	606	243	210	84 (89)	0.6	94%	86%	86%
Chhatisgarh	184 (84)	16	13	17413	(2.6)	95	2828	(16.2)	93%	4790	111	2152	48 (60)	0.8	89%	85%	85%
Delhi	154 (100)	21	21	42081	(2.8)	272	6621	(15.7)	94%	12629	327	3341	87 (91)	0.8	88%	84%	84%
Gujarat	538 (100)	27	27	78112	(2.4)	145	16409	(21.0)	90%	21510	162	8634	65 (81)	0.5	90%	85%	85%
Haryana	227 (100)	19	19	37646	(2.9)	166	7868	(20.9)	90%	10169	179	4249	75 (79)	0.5	82%	83%	83%
Himachal Pradesh	64 (100)	12	12	16473	(2.0)	258	2414	(14.7)	95%	4005	251	1552	97 (102)	0.5	92%	88%	89%
Jammu & Kashmir	17 (16)	14	1	1304	(1.8)	77	172	(13.2)	84%	291		108		0.8			
Jharkhand	171 (60)	22	10	10368	(2.8)	61	2027	(19.6)	95%	3808	111	1558	46 (61)	0.9	93%	92%	94%
Karnataka	538 (97)	28	27	83676	(2.0)	156	11005	(13.2)	93%	15869	121	6751	52 (69)	0.7	87%	79%	81%
Kerala	327 (100)	14	14	50025	(1.4)	153	3722	(7.4)	96%	6194	76	2828	35 (46)	0.5	89%	88%	89%
Madhya Pradesh	503 (78)	45	35	49001	(2.5)	97	9752	(19.9)	90%	15642	132	6202	52 (65)	0.9	83%	81%	84%
Maharashtra	1028 (100)	48	48	137117	(2.8)	133	20057	(14.6)	92%	36009	140	14030	55 (68)	0.8	91%	85%	86%
Manipur	26 (100)	9	9	3665	(3.8)	142	446	(12.2)	93%	1414	219	382	59 (79)	1.3	83%	84%	84%
Meghalaya	25 (100)	5	5	2901	(1.7)	116	450	(15.5)	98%	990	159	367	59 (78)	0.7	83%		
Mizoram	10 (100)	8	8	1421	(2.9)	148	225	(15.8)	92%	543	226	173	72 (96)	0.9	90%	80%	81%
Nagaland	20 (84)	8	7	1958	(3.0)	100	270	(13.8)	89%	584	120	209	43 (57)	0.6	84%	84%	85%
Orissa	375 (98)	30	30	45913	(1.8)	122	7168	(15.6)	90%	12186	130	5548	59 (70)	0.7	86%	80%	83%
Pondicherry	10 (100)	1	1	1456	(1.4)	141	178	(12.2)	97%	335	130	173	67 (84)	0.3	75%		
Punjab	157 (61)	17	9	24711	(2.2)	158	3565	(14.4)	90%	5893	151	2190	56 (59)	0.8	87%	81%	84%
Rajasthan	609 (100)	32	32	94268	(2.2)	155	20342	(21.6)	91%	29559	194	11679	77 (96)	0.8	92%	86%	88%
Sikkim	6 (100)	4	4	1984	(2.3)	337	222	(11.2)	96%	511	347	156	106 (141)	0.9	89%	87%	90%
Tamil Nadu	641 (100)	29	29	147867	(2.1)	231	14054	(9.5)	92%	24410	152	10275	64 (85)	0.8	93%	88%	88%
Uttar Pradesh	1095 (62)	70	37	134756	(3.5)	123	22369	(16.6)	92%	38081	141	15071	56 (58)	1.0	88%	83%	85%
Uttaranchal	62 (69)	13	7	10489	(2.4)	169	1657	(15.8)	95%	2189	145	934	62 (65)	0.7	90%	93%	93%
West Bengal	843 (100)	19	19	126435	(2.2)	150	16839	(13.3)	92%	28370	135	12550	60 (79)	0.6	90%	86%	87%
Grand Total	8868 (81)	602	482	1259345	(2.3)	142	193105	(15.3)	91%	315437	145	127409	59 (78)	0.8	89%	85%	86%

NR - Not reported till 16th August 2004; Values for grey areas are not expected

* Projected population based on census population of 2001 is used for calculation of case-detection rate. 1 lakh = 100,000 population

Estimated New Smear Positive cases / lakh population based on ARTI data for North Zone (Chandigarh, Delhi, Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Uttar Pradesh, Uttaranchal) is 95; East Zone (Andaman & Nicobar, Arunachal Pradesh, Assam, Bihar, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, West Bengal) is 75; South Zone (Andhra Pradesh, Karnataka, Kerala, Lakshdweep, Pondicherry, Tamil Nadu) is 75 and West Zone (Chhatisgarh, Dadra & Nagar Haveli, Daman & Diu, Goa, Gujarat, Madhya Pradesh, Maharashtra, Rajasthan) is 80; Orissa is 85

§ Smear conversion rate not expected for states that began implementing RNTCP during 2nd quarter 2004

¶ Cure rate and success rate are not expected for states that began implementing RNTCP after 2nd quarter of 2003

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Andhra Pradesh	Adilabad	26	2362	(2.9)	92	401	(17.0)	88%	759	118	401	62 (83)	0.6	90%	49%	70%
Andhra Pradesh	Anantapur	38	1004	(0.3)	27	965	(96.1)	NR	1376	145	652	69 (92)	0.6	92%	87%	88%
Andhra Pradesh	Bhadrachalam	8	2668	(32.7)	329	407	(15.3)	100%	423	209	247	122 (163)	0.2	85%		
Andhra Pradesh	Chittoor	39	6005	(1.8)	155	844	(14.1)	92%	1155	119	550	57 (76)	0.7	89%	82%	82%
Andhra Pradesh	Cuddapah	27	2988	(1.6)	112	530	(17.7)	96%	1203	180	499	75 (99)	1.0	88%	82%	85%
Andhra Pradesh	East Godavari	51	4791	(1.3)	95	686	(14.3)	96%	1466	116	531	42 (56)	1.1	87%	80%	80%
Andhra Pradesh	Guntur	46	7732	(3.1)	169	925	(12.0)	100%	1755	153	701	61 (82)	1.0	93%	87%	88%
Andhra Pradesh	Hyderabad	38	5413	(2.3)	141	1232	(22.8)	99%	1402	146	586	61 (82)	0.7	94%	88%	88%
Andhra Pradesh	Karimnagar	36	3698	(6.3)	102	515	(13.9)	94%	786	87	333	37 (49)	0.8	78%		
Andhra Pradesh	Khammam	19	2875	(3.4)	155	417	(14.5)	100%	789	170	365	79 (105)	0.9	94%	85%	87%
Andhra Pradesh	Krishna	44	5010	(1.6)	114	749	(15.0)	98%	1240	113	460	42 (56)	1.1	91%	79%	81%
Andhra Pradesh	Kurnool	37	3912	(2.1)	107	663	(16.9)	93%	1311	144	547	60 (80)	1.0	90%	68%	74%
Andhra Pradesh	Mahbubnagar	36	3112	(2.0)	85	700	(22.5)	97%	1124	123	550	60 (80)	0.7	88%	80%	81%
Andhra Pradesh	Medak	28	2362	(3.6)	85	272	(11.5)	100%	769	111	272	39 (52)	1.2	92%	87%	91%
Andhra Pradesh	Nalgonda	34	7383	(2.3)	219	926	(12.5)	100%	1267	151	597	71 (95)	0.7	80%		
Andhra Pradesh	Nellore	28	3837	(2.4)	139	466	(12.1)	93%	862	125	336	49 (65)	0.8	93%	87%	90%
Andhra Pradesh	Nizamabad	24	3093	(1.7)	127	429	(13.9)	79%	740	122	339	56 (74)	1.0	95%	80%	80%
Andhra Pradesh	Prakasam	32	421	(0.3)	13	421	(100.0)	NR	797	100	427	54 (72)	0.6	93%	84%	88%
Andhra Pradesh	Rangareddi	36	4058	(3.5)	111	524	(12.9)	98%	1111	122	437	48 (64)	0.9	92%	86%	89%
Andhra Pradesh	Srikakulam	26	3746	(2.5)	142	485	(12.9)	100%	1155	176	485	74 (98)	1.0	95%	91%	91%
Andhra Pradesh	Visakhapatnam	39	5918	(2.5)	150	639	(10.8)	99%	1359	138	620	63 (84)	0.9	96%	87%	87%
Andhra Pradesh	Vizianagaram	23	4786	(3.1)	205	482	(10.1)	100%	1016	174	482	83 (110)	0.6	94%	91%	91%
Andhra Pradesh	Warangal	34	3253	(3.5)	97	742	(22.8)	100%	1356	161	489	58 (78)	1.3	80%	74%	81%
Andhra Pradesh	West Godavari	39	5735	(3.0)	145	829	(14.5)	92%	1314	133	600	61 (81)	0.8	95%	86%	86%
Arunachal Pradesh	Along DTC	1.1	152	(3.3)	137	9	(5.9)	67%	28	101	6	22 (29)	1.3	91%	85%	85%
Arunachal Pradesh	Bomdila DTC	1.8	493	(3.4)	276	62	(12.6)	97%	101	226	37	83 (111)	1.0	93%	95%	98%
Arunachal Pradesh	Deomali DTC	2	399	(2.2)	165	27	(6.8)	96%	20	33	8	13 (18)	0.9	100%	77%	77%
Arunachal Pradesh	Pasighat DTC	1.3	325	(2.1)	251	32	(9.8)	93%	85	263	28	87 (116)	1.1	100%	98%	98%
Arunachal Pradesh	Tezu DTC	2	439	(1.7)	204	45	(10.3)	91%	99	184	41	76 (101)	0.3	96%	83%	83%
Arunachal Pradesh	Ziro DTC	3	606	(2.9)	206	48	(7.9)	88%	200	272	42	57 (76)	1.9	96%	71%	71%
Assam	Barpeta	17	1586	(2.5)	92	208	(13.1)	100%	499	115	138	32 (43)	2.0	91%	73%	80%
Assam	Bongaigaon	10	1002	(2.3)	105	188	(18.8)	91%	339		137		1.2			
Assam	Cachar	15	1043	(1.9)	69	192	(18.4)	69%	299	79	103	27 (36)	1.3	79%	69%	77%
Assam	Darrang	16	1636	(2.5)	103	274	(16.7)	100%	592		206		1.3			
Assam	Dhemaji	6	167	(0.6)	28	167	(100.0)	100%	222		132		0.5			

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Assam	Dhurbi	17	1691	(3.1)	98	411	(24.3)	82%	570		249		0.9			
Assam	Dibrugarh	12	2157	(5.4)	175	341	(15.8)	97%	583	189	251	81 (108)	0.5	91%	85%	85%
Assam	Goalpara	9	708	(1.8)	82	180	(25.4)	88%	269		119		0.8			
Assam	Golaghat	10	632	(1.0)	63	165	(26.1)	100%	215		77		1.4			
Assam	Hailakandi	6	700	(2.2)	122	55	(7.9)	100%	89		32		1.4			
Assam	Jorhat	11	1089	(2.6)	102	177	(16.3)	96%	335	126	123	46 (62)	1.0	86%	67%	70%
Assam	Kamrup	26	3492	(3.3)	132	468	(13.4)	90%	808	122	256	39 (52)	1.0	79%	74%	76%
Assam	Karimganj	11	934	(5.9)	88	155	(16.6)	79%	267		106		1.3			
Assam	Kokrajhar	10	666	(6.1)	68	140	(21.0)	100%	219		92		0.8			
Assam	Lakhimpur	9	945	(2.0)	101	186	(19.7)	100%	372	159	141	60 (80)	1.1	90%	81%	81%
Assam	Marigaon	8	750	(1.8)	92	185	(24.7)	99%	293		129		0.9			
Assam	Nagaon	24	1510	(2.8)	62	303	(20.1)	67%	267		184		0.4			
Assam	Nalbari	12	201	(0.6)	17	168	(83.6)	NR	379		148		1.0			
Assam	North Cachar Hills	2.0	319	(2.0)	163	32	(10.0)	100%	51	104	21	43 (57)	0.9	92%	81%	81%
Assam	Sibsagar	11	564	(2.0)	51	127	(22.5)	97%	149		57		0.3			
Assam	Sonitpur	18	1924	(3.8)	109	376	(19.5)	95%	745	169	275	62 (83)	1.3	92%	87%	88%
Assam	Tinsukia	12	1083	(2.6)	89	266	(24.6)	87%	349		164		0.5			
Bihar	Katihar	26	1780	(4.5)	69	287	(16.1)	100%	501		219		1.1			
Bihar	Munger	12	594	(6.6)	49	73	(12.3)	71%	189		21		5.4			
Bihar	Muzaffarpur	40	2173	(3.7)	54	401	(18.5)	100%	1091	108	347	34 (46)	1.6	95%	91%	93%
Bihar	Patna	51	5068	(6.7)	100	728	(14.4)	88%	1407	111	488	38 (51)	1.2	92%	89%	91%
Bihar	Vaishali	29	2339	(6.7)	80	257	(11.0)	100%	683	93	204	28 (37)	1.6	94%	87%	92%
Chandigarh	Chandigarh	10	2976	(2.6)	298	463	(15.6)	97%	606	243	210	84 (89)	0.6	94%	86%	86%
Chhatisgarh	Bastar	14	372	(1.7)	27	92	(24.7)	88%	133		70		0.5			
Chhatisgarh	Bilaspur-CG	21	2715	(2.8)	130	354	(13.0)	97%	651	124	286	55 (68)	0.8	91%	86%	87%
Chhatisgarh	Dhamtari	7	428	(2.0)	58	88	(20.6)	80%	153	83	94	51 (64)	0.3	89%		
Chhatisgarh	Durg	29	2416	(2.2)	82	358	(14.8)	85%	753	102	281	38 (48)	1.2	89%	83%	84%
Chhatisgarh	Janjgir	14	1089	(2.7)	79	126	(11.6)	94%	281	81	115	33 (42)	1.3	90%		
Chhatisgarh	Jashpur	8	660	(2.5)	85	104	(15.8)	100%	171		74		0.8			
Chhatisgarh	Kanker	7	1194	(2.2)	174	134	(11.2)	100%	209	122	114	67 (83)	0.5	90%		
Chhatisgarh	Kawardha	6	593	(4.0)	96	91	(15.3)	98%	120	78	55	36 (45)	0.8	87%		
Chhatisgarh	Korba	11	1035	(4.9)	97	369	(35.7)	90%	284		186		0.1			
Chhatisgarh	Mahasamund	9	787	(2.0)	87	154	(19.6)	87%	227	100	114	50 (63)	0.6			
Chhatisgarh	Raigarh CG	13	1755	(2.7)	132	258	(14.7)	100%	493	148	213	64 (80)	0.9	82%		
Chhatisgarh	Raipur	32	3211	(2.6)	102	485	(15.1)	93%	877	111	376	48 (59)	0.9	92%	85%	85%

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Chhatisgarh	Rajnandgaon	13	1158	(3.2)	86	215	(18.6)	99%	438	130	174	52 (65)	0.8	88%	83%	84%
Delhi	BJRM Chest Clinic	3	1445	(2.7)	430	223	(15.4)	91%	377	449	117	139 (147)	0.7	91%	90%	90%
Delhi	DDU Chest Clinic	8	3051	(1.0)	389	432	(14.2)	100%	978	499	219	112 (118)	1.2	90%	82%	82%
Delhi	GTB Chest Clinic	6	1734	(2.6)	291	316	(18.2)	84%	429	288	100	67 (71)	0.5	85%	74%	74%
Delhi	Gulabi Bagh	10	1906	(2.8)	189	273	(14.3)	88%	471	187	145	58 (61)	0.5	92%	92%	92%
Delhi	Hedgewar C Clinic	5	1483	(1.8)	297	226	(15.2)	91%	675	540	131	105 (110)	1.3	88%		
Delhi	Jhandewalan	6	1365	(4.6)	244	245	(17.9)	92%	439	314	138	99 (104)	0.6	85%	80%	80%
Delhi	Karawal Nagar	10	1724	(2.5)	171	435	(25.2)	82%	970	385	257	102 (107)	0.6	86%	81%	81%
Delhi	Kingsway	4	1801	(2.2)	402	283	(15.7)	99%	345	308	96	86 (90)	1.0	96%	85%	85%
Delhi	LN Chest Clinic	3	995	(2.3)	296	107	(10.8)	92%	158	188	37	44 (46)	0.8	88%	88%	88%
Delhi	LRS	18	6504	(11.5)	363	677	(10.4)	99%	1271	284	327	73 (77)	0.9	92%	88%	88%
Delhi	Moti Nagar	6	1285	(2.2)	230	179	(13.9)	79%	367	262	89	64 (67)	1.0	89%	78%	78%
Delhi	Narela	6	1348	(1.5)	241	220	(16.3)	91%	340	243	110	79 (83)	0.6	91%	83%	83%
Delhi	NDMC	4	1483	(5.9)	331	247	(16.7)	99%	217	194	69	62 (65)	0.5	86%	86%	86%
Delhi	NDTC	2	795	(6.4)	355	106	(13.3)	90%	233	416	50	89 (94)	0.8	86%	85%	85%
Delhi	Nehru Nagar	20	2823	(3.0)	140	497	(17.6)	99%	1018	202	324	64 (68)	0.6	85%	77%	77%
Delhi	Patparganj	8	2171	(2.0)	277	416	(19.2)	90%	706	360	217	111 (117)	0.6	86%	85%	86%
Delhi	RK Mission	9	1587	(3.1)	177	308	(19.4)	94%	555	248	160	71 (75)	0.8	81%	86%	86%
Delhi	RTRM Chest Clinic	4	1404	(1.6)	314	232	(16.5)	95%	365	326	118	105 (111)	0.7	87%	90%	91%
Delhi	SGM Chest Clinic	9	3654	(6.4)	408	588	(16.1)	100%	1503	671	360	161 (169)	1.0	91%	88%	88%
Delhi	Shahadra	7	2458	(6.1)	353	376	(15.3)	95%	838	482	163	94 (99)	1.4	88%	79%	82%
Delhi	SPM Marg	6	1065	(4.0)	190	235	(22.1)	89%	374	267	114	81 (86)	0.6	92%	86%	86%
Gujarat	Ahmadabad	24	2896	(3.1)	119	648	(22.4)	91%	867	142	355	58 (73)	0.6	89%	82%	82%
Gujarat	AMC	37	6946	(2.8)	186	1582	(22.8)	86%	2168	232	669	72 (90)	0.5	88%	84%	84%
Gujarat	Amreli	15	2458	(2.5)	166	400	(16.3)	93%	401	108	204	55 (69)	0.3	88%	82%	82%
Gujarat	Anand	20	3007	(2.0)	152	738	(24.5)	92%	849	172	362	73 (92)	0.5	91%	87%	87%
Gujarat	Banas Kantha	27	3180	(2.0)	120	678	(21.3)	94%	1316	198	435	65 (82)	1.0	86%	85%	86%
Gujarat	Bharuch	20	2411	(1.6)	120	595	(24.7)	88%	774	155	373	75 (93)	0.5	89%	79%	80%
Gujarat	Bhavnagar	26	3516	(2.3)	134	966	(27.5)	89%	1033	157	363	55 (69)	0.6	92%	87%	87%
Gujarat	Chhota Udepur	10	1195	(1.9)	124	274	(22.9)	96%	363		190		0.2			
Gujarat	Dahod	17	3616	(2.5)	208	752	(20.8)	91%	975	224	444	102 (128)	0.3	93%	85%	85%
Gujarat	Gandhinagar	14	2161	(3.1)	152	472	(21.8)	78%	482	136	216	61 (76)	0.4	89%	84%	84%
Gujarat	Jamnagar	20	3086	(3.4)	152	388	(12.6)	92%	618	122	215	42 (53)	0.7	91%	87%	91%
Gujarat	Junagadh	32	4062	(1.7)	128	584	(14.4)	93%	953	120	357	45 (56)	0.7	92%	87%	88%
Gujarat	Kachchh	16	1569	(1.7)	97	393	(25.0)	96%	404		168		0.3			

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Gujarat	Kheda	22	2643	(2.3)	123	743	(28.1)	90%	998	186	429	80 (100)	0.4	91%	85%	85%
Gujarat	Mahesana	20	2861	(2.5)	146	574	(20.1)	94%	748	153	351	72 (90)	0.5	92%	87%	87%
Gujarat	Panch Mahals	22	2974	(1.6)	138	933	(31.4)	90%	1293	240	539	100 (125)	0.6	92%	85%	85%
Gujarat	Patan	13	2405	(2.8)	191	486	(20.2)	88%	491	156	220	70 (88)	0.4	89%	82%	82%
Gujarat	Rajkot	34	5623	(2.4)	168	687	(12.2)	98%	972	116	389	46 (58)	0.5	91%	86%	87%
Gujarat	Sabar Kantha	22	3418	(2.7)	154	745	(21.8)	85%	983	178	370	67 (84)	0.7	91%	83%	83%
Gujarat	Surat	16	2274	(3.5)	141	487	(21.4)	91%	557	138	234	58 (73)	0.5	84%	84%	85%
Gujarat	Surat Municipal Corp	26	3786	(3.9)	146	593	(15.7)	90%	960	148	303	47 (59)	0.6	86%	84%	84%
Gujarat	Surendranagar	16	2617	(2.7)	163	578	(22.1)	88%	487	121	204	51 (63)	0.4	94%	90%	91%
Gujarat	The Dangs	2.0	332	(2.2)	167	66	(19.9)	98%	84	169	42	85 (106)	0.3	100%	96%	96%
Gujarat	Vadodara	15	1965	(3.5)	130	419	(21.3)	90%	641	170	289	76 (96)	0.6	88%	82%	82%
Gujarat	Vadodara Corp	14	2226	(2.4)	160	624	(28.0)	95%	604	174	237	68 (85)	0.5	91%	86%	86%
Gujarat	Valsad	28	3227	(2.1)	115	641	(19.9)	87%	911	130	411	59 (73)	0.5	90%	86%	87%
Gujarat	Vyara(Surat)	11	1658	(2.1)	149	363	(21.9)	89%	578	208	265	95 (119)	0.6	93%	86%	86%
Haryana	Ambala	11	2720	(5.1)	249	278	(10.2)	90%	376	138	130	48 (50)	0.7	86%		
Haryana	Bhiwani	15	4398	(5.7)	287	1302	(29.6)	95%	726	189	289	75 (79)	0.8	88%		
Haryana	Faridabad	24	2774	(2.3)	117	562	(20.3)	87%	1105	187	371	63 (66)	1.0	86%	81%	82%
Haryana	Fatehabad	9	1258	(2.1)	145	329	(26.2)	87%	357	164	186	86 (90)	0.3	69%		
Haryana	Gurgaon	18	3382	(2.7)	189	550	(16.3)	86%	782	175	276	62 (65)	0.7	85%	77%	77%
Haryana	Hisar	17	2642	(3.3)	160	743	(28.1)	84%	772	187	385	93 (98)	0.3	73%		
Haryana	Jhajjar	10	933	(2.3)	98	200	(21.4)	96%	369	154	150	63 (66)	0.5	85%		
Haryana	Jind	13	2168	(3.2)	169	434	(20.0)	98%	562	175	276	86 (91)	0.3	89%	86%	87%
Haryana	Kaithal	10	1276	(3.1)	125	271	(21.2)	94%	503	198	208	82 (86)	0.6	81%		
Haryana	Karnal	14	411	(0.8)	30	268	(65.2)	100%	577	168	245	71 (75)	0.6	91%	86%	86%
Haryana	Kurukshetra	9	1821	(3.7)	204	239	(13.1)	94%	320	144	154	69 (73)	0.4	69%		
Haryana	Mahendragarh	9	1587	(2.4)	181	260	(16.4)	100%	382	175	165	75 (79)	0.6	89%		
Haryana	Panchkula	5	858	(1.5)	170	154	(17.9)	90%	300	237	123	97 (102)	0.4	80%		
Haryana	Panipat	10	1682	(2.7)	161	332	(19.7)	91%	602	231	227	87 (92)	0.8	60%		
Haryana	Rewari	8	956	(1.7)	116	219	(22.9)	91%	301	146	128	62 (65)	0.4	73%		
Haryana	Rohtak	10	3555	(4.7)	351	762	(21.4)	80%	600	237	286	113 (119)	0.2	85%		
Haryana	Sirsa	12	1695	(3.0)	142	365	(21.5)	89%	430	144	198	66 (70)	0.2	74%		
Haryana	Sonipat	14	1976	(2.6)	143	342	(17.3)	92%	682	198	240	70 (73)	0.8	90%	86%	86%
Haryana	Yamunanagar	11	1554	(2.2)	147	258	(16.6)	94%	423	160	212	80 (84)	0.4	90%		
Himachal Pradesh	Bilaspur-HP	4	972	(2.4)	272	87	(9.0)	100%	195	218	87	97 (102)	0.6	92%	85%	85%
Himachal Pradesh	Chamba	5	836	(2.0)	173	168	(20.1)	100%	293	242	116	96 (101)	0.7	98%	94%	94%

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Himachal Pradesh	Hamirpur-HP	4	1342	(1.9)	310	138	(10.3)	91%	220	203	79	73 (77)	0.6	96%	92%	92%
Himachal Pradesh	Kangra	14	3033	(2.7)	216	477	(15.7)	97%	811	231	290	83 (87)	0.7	89%	86%	87%
Himachal Pradesh	Kinnaur	0.9	292	(2.0)	331	16	(5.5)	94%	58	263	26	118 (124)	0.8	60%	93%	93%
Himachal Pradesh	Kullu	4	1399	(2.7)	351	221	(15.8)	97%	468	470	143	143 (151)	1.0	94%	86%	86%
Himachal Pradesh	Lahul & Spiti	0.3	288	(2.0)	826	14	(4.9)	100%	30	344	7	80 (85)	1.3	100%	100%	100%
Himachal Pradesh	Mandi	9	2332	(1.6)	247	385	(16.5)	96%	667	282	273	115 (122)	0.4	91%	86%	88%
Himachal Pradesh	Shimla	8	1758	(1.6)	232	243	(13.8)	91%	442	233	145	77 (81)	0.5	94%	89%	91%
Himachal Pradesh	Sirmaur	5	1054	(2.1)	219	201	(19.1)	95%	323	269	147	122 (129)	0.2	91%	85%	87%
Himachal Pradesh	Solan	5	2189	(2.4)	418	334	(15.3)	87%	289	221	137	105 (110)	0.2	88%	91%	91%
Himachal Pradesh	Una	5	978	(1.6)	208	130	(13.3)	93%	209	178	102	87 (91)	0.4	92%	88%	88%
Jammu & Kashmir	Jammu	17	1304	(1.8)	77	172	(13.2)	84%	291		108		0.8			
Jharkhand	Deoghar	12	707	(2.6)	57	128	(18.1)	97%	181	59	81	26 (35)	0.9	93%		
Jharkhand	Dhanbad	25	1962	(2.5)	77	285	(14.5)	100%	556	87	200	31 (42)	1.2	87%		
Jharkhand	Gumla	9	139	(2.2)	16	32	(23.0)	66%	30		17		0.4			
Jharkhand	Hazaribagh	33	1871	(3.8)	57	392	(21.0)	97%	756	93	322	39 (53)	0.9	92%	88%	92%
Jharkhand	Jamtara	7	446	(8.2)	64	81	(18.2)	83%	145		42		1.8			
Jharkhand	Lohardaga	4	81	(3.5)	21	8	(9.9)	13%	2		1		1.0			
Jharkhand	Palamu	22	2304	(3.1)	103	494	(21.4)	99%	963	173	401	72 (96)	0.9	95%	93%	94%
Jharkhand	Purbi Singhbhum	21	695	(2.9)	33	153	(22.0)	84%	204		86		0.8			
Jharkhand	Ranchi	30	1997	(2.2)	67	409	(20.5)	100%	939	127	395	53 (71)	0.9	94%	94%	94%
Jharkhand	Saraikeela Kharsawan	8	166	(1.6)	20	45	(27.1)	51%	32		13		0.5			
Karnataka	Bagalkot	17	1894	(2.3)	109	279	(14.7)	91%	453	105	226	52 (70)	0.7	88%	75%	83%
Karnataka	Bangalore City	44	9317	(2.8)	213	1588	(17.0)	83%	1346	123	494	45 (60)	0.6	88%	83%	84%
Karnataka	Bangalore Rural	20	3407	(1.9)	173	322	(9.5)	92%	621	126	297	60 (80)	0.6	87%	74%	75%
Karnataka	Bangalore U	25	1949	(2.1)	79	210	(10.8)	100%	705	114	287	47 (62)	0.6	89%	75%	77%
Karnataka	Belgaum	44	5906	(3.2)	134	601	(10.2)	98%	1146	104	490	44 (59)	0.7	88%		
Karnataka	Bellary	21	4035	(3.1)	190	814	(20.2)	100%	750	141	356	67 (89)	0.6	84%	84%	85%
Karnataka	Bidar	16	1611	(2.3)	102	233	(14.5)	91%	328	83	142	36 (48)	0.7	78%	75%	77%
Karnataka	Bijapur	19	1866	(1.8)	98	272	(14.6)	100%	465	98	177	37 (50)	1.1	86%	79%	82%
Karnataka	Chamarajanagar	10	2313	(1.7)	229	328	(14.2)	98%	493	195	225	89 (119)	0.4	79%		
Karnataka	Chikmagalur	12	2761	(1.9)	231	210	(7.6)	97%	379	127	152	51 (68)	0.5	86%	86%	86%
Karnataka	Chitradurga	16	3221	(2.3)	203	349	(10.8)	97%	615	155	294	74 (99)	0.8	84%	84%	86%
Karnataka	Dakshina Kannada	20	2314	(1.2)	116	272	(11.8)	96%	423	85	189	38 (51)	0.5	88%	85%	85%
Karnataka	Davanagere	19	2793	(2.0)	149	474	(17.0)	90%	714	152	278	59 (79)	0.9	85%	65%	74%
Karnataka	Dharwad	17	1877	(1.8)	112	302	(16.1)	75%	444	106	173	41 (55)	0.6	86%	75%	75%

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Karnataka	Gadag	10	1773	(1.9)	174	447	(25.2)	75%	213	84	117	46 (61)	0.5	75%	67%	75%
Karnataka	Gulbarga	33	2395	(1.5)	73	478	(20.0)	89%	860	105	343	42 (56)	0.8	84%	71%	74%
Karnataka	Hassan	18	4326	(1.5)	240	273	(6.3)	97%	533	118	192	43 (57)	0.7	92%	83%	83%
Karnataka	Kodagu	6	1311	(1.1)	229	81	(6.2)	97%	108		41		0.8			
Karnataka	Kolar	26	4243	(1.4)	160	574	(13.5)	94%	815	123	350	53 (71)	0.7	90%	83%	85%
Karnataka	Koppal	13	1862	(2.8)	149	240	(12.9)	100%	465	149	174	56 (74)	1.0	92%	86%	86%
Karnataka	Mandya	18	4261	(2.1)	231	458	(10.7)	97%	608	132	270	58 (78)	0.7	92%	81%	81%
Karnataka	Mysore	28	6739	(2.2)	245	678	(10.1)	92%	916	133	382	55 (74)	0.7	90%	81%	82%
Karnataka	Raichur	17	2506	(3.1)	145	417	(16.6)	100%	721	167	322	75 (99)	0.8	90%	86%	86%
Karnataka	Shimoga	17	3702	(2.0)	215	272	(7.3)	98%	488	114	167	39 (52)	1.3	85%	77%	77%
Karnataka	Tumkur	27	3372	(1.2)	125	564	(16.7)	96%	850	126	406	60 (80)	0.5	85%	75%	75%
Karnataka	Udupi	12	1512	(1.5)	130	207	(13.7)	94%	326	112	168	58 (77)	0.4	78%		
Karnataka	Uttar Kannada	14	410	(0.9)	29	62	(15.1)	90%	84		39		0.3			
Kerala	Alappuzha	22	3567	(1.1)	165	235	(6.6)	96%	512	95	210	39 (52)	0.8	91%	88%	93%
Kerala	Ernakulam	32	4593	(1.7)	144	408	(8.9)	100%	635	80	314	39 (53)	0.4	87%	89%	90%
Kerala	Idukki	12	1641	(0.8)	142	80	(4.9)	97%	158	55	66	23 (30)	0.3	91%	83%	86%
Kerala	Kannur	25	3480	(1.2)	140	299	(8.6)	97%	492	79	216	35 (46)	0.4	87%	91%	92%
Kerala	Kasaragod	12	1334	(1.4)	108	126	(9.4)	100%	238	77	102	33 (44)	0.6	87%	85%	85%
Kerala	Kollam	27	3696	(1.8)	139	318	(8.6)	100%	577	87	276	42 (55)	0.6	91%	89%	89%
Kerala	Kottayam	20	5070	(1.2)	253	324	(6.4)	96%	461	92	234	47 (62)	0.3	85%	87%	88%
Kerala	Kozhikode	30	4489	(1.2)	152	330	(7.4)	88%	580	78	255	34 (46)	0.4	88%	90%	91%
Kerala	Malappuram	37	4395	(2.3)	118	294	(6.7)	94%	537	58	217	23 (31)	0.8	89%	89%	92%
Kerala	Palakkad	27	3179	(1.2)	118	274	(8.6)	97%	527	78	246	37 (49)	0.4	89%	85%	85%
Kerala	Pathanamthitta	13	1657	(1.9)	131	133	(8.0)	100%	225	71	115	36 (48)	0.4	92%	90%	91%
Kerala	Thiruvananthapuram	33	6880	(1.9)	207	421	(6.1)	100%	529	64	236	28 (38)	0.5	94%	88%	88%
Kerala	Thrissur	31	4789	(1.8)	157	401	(8.4)	95%	550	72	281	37 (49)	0.3	87%	87%	87%
Kerala	Wayanad	8	1255	(1.0)	155	79	(6.3)	93%	173	86	60	30 (40)	1.0	91%	94%	94%
Madhya Pradesh	Balaghat	15	1066	(2.3)	69	181	(17.0)	93%	442	115	148	38 (48)	1.2	85%	84%	84%
Madhya Pradesh	Barwani	12	1203	(2.0)	104	239	(19.9)	100%	290	101	146	51 (63)	0.6	76%	100%	100%
Madhya Pradesh	Bhopal	20	3920	(3.8)	200	767	(19.6)	94%	903	184	325	66 (83)	1.1	95%	88%	88%
Madhya Pradesh	Chhatarpur	16	1467	(4.3)	93	348	(23.7)	74%	382	97	197	50 (63)	0.5	72%	68%	70%
Madhya Pradesh	Chhindwara	20	1498	(1.9)	76	262	(17.5)	80%	473	96	194	39 (49)	0.9	80%	70%	71%
Madhya Pradesh	Damoh	12	1495	(3.2)	129	454	(30.4)	73%	526	182	292	101 (126)	0.4	82%	81%	88%
Madhya Pradesh	Dewas	14	1315	(2.7)	94	201	(15.3)	90%	368	106	123	35 (44)	1.1	91%	83%	84%
Madhya Pradesh	Dhar	19	2358	(2.9)	127	356	(15.1)	99%	628	135	278	60 (75)	0.8	88%		

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Madhya Pradesh	Dindori	6	440	(1.5)	71	75	(17.0)	95%	110	71	53	34 (43)	0.3	51%		
Madhya Pradesh	Guna	18	1859	(1.9)	105	458	(24.6)	95%	666	150	304	68 (85)	0.7	73%		
Madhya Pradesh	Gwalior	17	941	(2.4)	54	129	(13.7)	67%	137		45		0.8			
Madhya Pradesh	Harda	5	284	(1.4)	56	52	(18.3)	96%	89	70	39	31 (39)	0.6	85%	79%	83%
Madhya Pradesh	Hoshangabad	12	1904	(3.1)	164	343	(18.0)	93%	468	162	201	69 (87)	0.6	95%	91%	91%
Madhya Pradesh	Indore	28	2550	(4.2)	92	463	(18.2)	93%	709	103	252	37 (46)	0.6	83%		
Madhya Pradesh	Jabalpur	23	1527	(1.7)	66	524	(34.3)	82%	839	145	351	61 (76)	0.9	62%		
Madhya Pradesh	Jhabua	15	1780	(2.8)	119	253	(14.2)	100%	403	108	165	44 (55)	0.8	94%		
Madhya Pradesh	Katni	11	958	(2.9)	84	266	(27.8)	95%	471	166	191	67 (84)	1.0	86%	81%	81%
Madhya Pradesh	Khandwa	18	1874	(3.2)	103	256	(13.7)	81%	495	109	179	39 (49)	1.4	90%	82%	83%
Madhya Pradesh	Khargone	16	1349	(2.3)	83	302	(22.4)	97%	541	132	256	63 (78)	0.6	91%	74%	75%
Madhya Pradesh	Mandla	10	1055	(2.5)	111	196	(18.6)	81%	271	114	130	54 (68)	0.5	83%		
Madhya Pradesh	Mandsaur	13	1492	(3.5)	118	284	(19.0)	96%	500	158	194	61 (77)	1.5	88%	80%	83%
Madhya Pradesh	Narsimhapur	10	897	(1.8)	88	172	(19.2)	88%	299	117	133	52 (65)	0.5	77%	86%	86%
Madhya Pradesh	Neemuch	8	1350	(2.8)	174	204	(15.1)	92%	337	174	147	76 (95)	0.8	90%	87%	88%
Madhya Pradesh	Panna	9	286	(1.7)	31	73	(25.5)	74%	74		22		1.0			
Madhya Pradesh	Raisen	12	1061	(2.3)	89	174	(16.4)	97%	384	128	103	34 (43)	1.8	89%	81%	89%
Madhya Pradesh	Rajgarh	13	1323	(2.1)	99	307	(23.2)	91%	550	164	197	59 (74)	1.0	89%	82%	86%
Madhya Pradesh	Ratlam	13	1670	(3.4)	129	321	(19.2)	94%	478	147	151	47 (58)	0.8	72%	64%	72%
Madhya Pradesh	Sagar	22	2181	(2.8)	101	438	(20.1)	88%	889	165	290	54 (67)	1.6	83%	87%	87%
Madhya Pradesh	Satna	20	1299	(2.5)	65	308	(23.7)	89%	675	135	187	37 (47)	1.8	89%	100%	100%
Madhya Pradesh	Sehore	12	1102	(1.6)	96	132	(12.0)	96%	308	107	101	35 (44)	1.3	88%	82%	86%
Madhya Pradesh	Shahdol	17	976	(2.4)	58	248	(25.4)	84%	288		167		0.4			
Madhya Pradesh	Tikamgarh	13	1070	(2.4)	83	231	(21.6)	88%	395	123	172	54 (67)	1.0	78%		
Madhya Pradesh	Ujjain	18	1711	(2.1)	94	367	(21.4)	99%	487	107	199	44 (55)	0.8	81%	77%	81%
Madhya Pradesh	Umaria	6	273	(1.6)	50	66	(24.2)	67%	90	65	33	24 (30)	1.0	65%		
Madhya Pradesh	Vidisha	13	1467	(2.2)	113	302	(20.6)	100%	677	209	237	73 (91)	1.3	92%	84%	86%
Maharashtra	Ahmednagar	43	5101	(2.8)	117	383	(7.5)	88%	888	82	305	28 (35)	1.2	93%	82%	82%
Maharashtra	Akola	17	2203	(3.0)	127	452	(20.5)	99%	574	133	256	59 (74)	0.7	91%	79%	83%
Maharashtra	Amravati Mun Corp	6	1840	(3.1)	315	284	(15.4)	90%	228	156	78	53 (67)	0.9	90%	78%	78%
Maharashtra	Amravati Rural	22	2789	(2.6)	128	409	(14.7)	84%	697	128	255	47 (58)	0.8	83%	77%	78%
Maharashtra	Aurangabad Muni Corp	9	1409	(3.8)	152	239	(17.0)	98%	201	87	82	35 (44)	0.5	90%	87%	87%
Maharashtra	Aurangabad-MH	22	1888	(2.8)	87	290	(15.4)	100%	560	103	249	46 (57)	0.8	95%	93%	93%
Maharashtra	Bhandara	12	1935	(2.9)	160	260	(13.4)	92%	386	128	169	56 (70)	0.7	91%	88%	88%
Maharashtra	Bid	23	2902	(2.4)	126	328	(11.3)	100%	561	98	233	41 (51)	0.7	91%	86%	86%

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Maharashtra	Buldana	24	4025	(3.9)	170	685	(17.0)	78%	839	142	322	54 (68)	0.9	88%	83%	85%
Maharashtra	Chandrapur	22	2678	(2.3)	121	355	(13.3)	100%	711	129	290	53 (66)	0.9	89%	85%	85%
Maharashtra	Dhule	18	2931	(3.1)	161	372	(12.7)	99%	778	171	285	63 (78)	1.2	92%	85%	87%
Maharashtra	Gadchiroli	10	1399	(2.4)	136	230	(16.4)	100%	309	120	152	59 (74)	0.6	88%	85%	85%
Maharashtra	Gondiya	13	2310	(2.9)	181	254	(11.0)	99%	525	165	201	63 (79)	1.0	88%	86%	86%
Maharashtra	Hingoli	10	991	(1.7)	94	207	(20.9)	100%	384	146	161	61 (77)	0.8	92%	83%	88%
Maharashtra	Jalgaon	39	5491	(3.5)	140	714	(13.0)	100%	1336	137	581	59 (74)	1.0	92%	86%	86%
Maharashtra	Jalna	17	1812	(2.3)	106	252	(13.9)	91%	572	133	204	48 (60)	1.1	81%	79%	82%
Maharashtra	Kalyan Dombivli Mc	13	1361	(4.4)	107	232	(17.0)	88%	473	149	168	53 (66)	0.7	84%	79%	81%
Maharashtra	Kolhapur	32	3461	(2.3)	107	469	(13.6)	98%	874	109	400	50 (62)	0.8	92%	88%	88%
Maharashtra	Kolhapur Mun Corp	5	566	(2.6)	110	69	(12.2)	100%	188	146	69	54 (67)	0.8	92%	85%	85%
Maharashtra	Latur	22	2264	(2.2)	102	264	(11.7)	100%	489	89	252	46 (57)	0.4	91%	87%	87%
Maharashtra	Mumbai	127	16923	(2.3)	134	3084	(18.2)	82%	6518	206	1993	63 (79)	0.9	89%	85%	86%
Maharashtra	Nagpur Muni Corp	22	3511	(2.8)	161	716	(20.4)	92%	901	165	334	61 (77)	0.6	91%	83%	83%
Maharashtra	Nagpur Rural	21	1956	(2.9)	92	323	(16.5)	100%	571	107	322	61 (76)	0.4	97%	89%	89%
Maharashtra	Nanded	26	2530	(2.2)	98	396	(15.7)	86%	710	110	269	42 (52)	0.9	88%	84%	85%
Maharashtra	Nanded Waghela MC	5	326	(1.2)	71	68	(20.9)	94%	181	158	64	56 (70)	0.9	85%	61%	76%
Maharashtra	Nandurbar	14	1807	(2.8)	130	258	(14.3)	97%	490	141	183	53 (66)	1.2	91%	82%	86%
Maharashtra	Nasik	42	7341	(3.7)	177	883	(12.0)	92%	1620	156	691	66 (83)	0.9	91%	85%	85%
Maharashtra	Nasik Corp	11	1191	(3.3)	104	159	(13.4)	99%	365	128	131	46 (57)	0.9	91%	86%	86%
Maharashtra	Navi Mumbai	7	1715	(2.6)	229	225	(13.1)	77%	370	198	124	66 (83)	0.8	88%	78%	78%
Maharashtra	Osmanabad	16	1826	(3.3)	117	191	(10.5)	99%	417	107	151	39 (48)	1.2	91%	88%	88%
Maharashtra	Parbhani	16	1517	(3.0)	96	214	(14.1)	90%	405	102	150	38 (47)	1.2	89%	85%	85%
Maharashtra	Pimpri Chinchwad	11	1727	(3.2)	161	257	(14.9)	100%	449	168	181	68 (85)	0.5	91%	86%	88%
Maharashtra	Pune	27	3735	(3.3)	138	497	(13.3)	99%	999	148	414	61 (77)	0.5	91%	90%	90%
Maharashtra	Pune Rural	39	5088	(2.9)	130	868	(17.1)	97%	1196	122	533	55 (68)	0.6	93%	86%	87%
Maharashtra	Raigarh-MH	23	2598	(3.1)	111	491	(18.9)	88%	869	148	367	63 (78)	0.7	93%	89%	89%
Maharashtra	Ratnagiri	18	1861	(2.3)	103	313	(16.8)	94%	663	147	263	58 (73)	0.9	90%	88%	90%
Maharashtra	Sangli	23	2868	(2.8)	126	390	(13.6)	93%	646	113	283	50 (62)	0.6	88%	89%	89%
Maharashtra	Sangli Muni Corp	5	390	(3.5)	84	72	(18.5)	100%	163	140	65	56 (70)	0.5	99%	92%	92%
Maharashtra	Satara	30	4297	(3.2)	145	564	(13.1)	100%	1035	139	468	63 (79)	0.7	91%	86%	87%
Maharashtra	Sindhudurg	9	1569	(3.0)	171	121	(7.7)	90%	252	110	90	39 (49)	1.1	90%	87%	89%
Maharashtra	Solapur	32	6741	(4.0)	213	562	(8.3)	89%	846	107	421	53 (66)	0.7	91%	86%	86%
Maharashtra	Solapur Muni Corp	9	1326	(3.0)	143	240	(18.1)	95%	384	166	139	60 (75)	1.0	93%	88%	88%
Maharashtra	Thane	48	5830	(3.0)	122	940	(16.1)	98%	1711	143	779	65 (81)	0.6	94%	90%	90%

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Maharashtra	Thane Muni Corp	13	2009	(2.6)	150	426	(21.2)	91%	722	215	227	68 (85)	0.6	90%	80%	80%
Maharashtra	Ulhasnagar Mun Corp	5	762	(3.5)	152	192	(25.2)	91%	225	179	75	60 (75)	0.9	93%		
Maharashtra	Wardha	13	1936	(2.8)	148	188	(9.7)	88%	441	135	171	52 (65)	1.0	91%	85%	85%
Maharashtra	Washim	11	1169	(2.2)	108	181	(15.5)	97%	414	153	147	54 (68)	1.1	87%		
Maharashtra	Yavatmal	26	3212	(1.9)	123	490	(15.3)	91%	873	134	283	43 (54)	1.2	89%	81%	83%
Manipur	Bishnupur	2	215	(2.4)	97	38	(17.7)	100%	95	171	36	65 (86)	0.8	97%	88%	88%
Manipur	Chandel	1.3	178	(6.5)	134	17	(9.6)	100%	52	157	17	51 (68)	0.9	77%	90%	90%
Manipur	Churachandpur	2	490	(2.3)	198	45	(9.2)	100%	231	373	45	73 (97)	2.0	83%	77%	79%
Manipur	Imphal East	4	517	(3.5)	121	110	(21.3)	72%	269	253	68	64 (85)	1.5	83%	73%	73%
Manipur	Imphal West	5	1240	(7.4)	261	115	(9.3)	97%	313	263	97	82 (109)	1.0	90%	85%	85%
Manipur	Senapati	4	320	(2.7)	78	46	(14.4)	100%	179	175	46	45 (60)	1.3	85%	96%	96%
Manipur	Tamenglong	1.2	84	(2.0)	70	8	(9.5)	100%	16	53	6	20 (27)	1.2	83%	89%	89%
Manipur	Thoubal	4	451	(3.2)	114	54	(12.0)	100%	193	195	54	54 (73)	1.4	68%	88%	88%
Manipur	Ukhrul	1.5	170	(8.5)	111	13	(7.6)	100%	66	173	13	34 (45)	0.9	59%	86%	86%
Meghalaya	East Khasi Hills & Ri Bhoi	9	1033	(1.9)	112	138	(13.4)	99%	400	173	103	45 (59)	1.0	84%		
Meghalaya	East Garo Hills	3	335	(2.8)	125	29	(8.7)	100%	56	84	29	43 (58)	0.4	63%		
Meghalaya	Jaintia Hills	3	206	(2.0)	64	31	(15.0)	100%	75	94	31	39 (52)	0.5	85%		
Meghalaya	W & S Garo Hills	7	831	(1.3)	125	157	(18.9)	95%	265	159	121	73 (97)	0.7	81%		
Meghalaya	West Khasi Hills	3	496	(2.1)	156	95	(19.2)	99%	194	244	83	104 (139)	0.7	93%		
Mizoram	Aizawl	4	398	(2.7)	108	105	(26.4)	87%	219	239	86	94 (125)	0.3	88%	87%	89%
Mizoram	Champhai	1.1	101	(2.5)	92	11	(10.9)	100%	54	197	8	29 (39)	1.1	88%	100%	100%
Mizoram	Kolasib	0.7	230	(3.0)	349	26	(11.3)	100%	37	225	18	109 (146)	0.4	100%	87%	87%
Mizoram	Lawngtlai	0.8	51	(3.4)	65	7	(13.7)	100%	19	96	5	25 (34)	0.6	75%	65%	71%
Mizoram	Lunglei	1.5	312	(2.8)	211	47	(15.1)	92%	121	327	32	86 (115)	2.1	87%	78%	78%
Mizoram	Mamit	0.7	48	(1.0)	71	4	(8.3)	100%	10	59	4	24 (32)	1.0	89%	82%	82%
Mizoram	Saiha	0.7	172	(7.4)	262	22	(12.8)	100%	63	384	14	85 (114)	1.7	100%	73%	73%
Mizoram	Serchhip	0.6	109	(3.8)	182	3	(2.8)	100%	20	133	6	40 (53)	1.5	100%	50%	50%
Nagaland	Kohima	4	392	(2.4)	107	56	(14.3)	96%	141	155	54	59 (79)	0.5	85%	79%	82%
Nagaland	Mokokchung	3	352	(2.4)	133	32	(9.1)	100%	61	93	28	42 (57)	0.2	80%	88%	88%
Nagaland	Mon	3	274	(3.1)	91	63	(23.0)	62%	82	109	39	52 (69)	0.2	92%	89%	89%
Nagaland	Phek	1.7	112	(4.4)	65	11	(9.8)	100%	36	84	11	26 (34)	0.3	58%	77%	77%
Nagaland	Tuensang	5	703	(3.9)	146	68	(9.7)	93%	208	173	55	46 (61)	1.1	94%	87%	87%
Nagaland	Wokha	1.9	27	(0.8)	14	27	(100.0)	100%	35	75	13	28 (37)	1.5	0%	85%	85%
Nagaland	Zunheboto	1.8	98	(5.3)	55	13	(13.3)	100%	21	47	9	20 (27)	0.2	100%	60%	60%
Orissa	Angul	12	1196	(1.7)	100	225	(18.8)	91%	349	117	159	53 (63)	0.5	76%		

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Orissa	Balangir	14	1937	(2.0)	139	331	(17.1)	100%	784	225	275	79 (93)	1.4	92%		
Orissa	Baleshwar	21	2446	(1.9)	116	370	(15.1)	87%	647	122	289	55 (64)	0.8	81%		
Orissa	Bargarh	14	1119	(1.0)	80	234	(20.9)	93%	492	140	219	62 (73)	0.8	90%		
Orissa	Baudh	4	600	(1.8)	154	87	(14.5)	95%	177	182	84	86 (101)	0.6	92%		
Orissa	Bhadrak	14	1013	(1.5)	73	107	(10.6)	96%	202	58	101	29 (34)	0.4	89%		
Orissa	Cuttack	24	2363	(2.1)	97	215	(9.1)	100%	445	73	185	30 (36)	0.6	71%		
Orissa	Debagarh	3	371	(1.1)	129	38	(10.2)	95%	72	101	32	45 (53)	0.7	95%	85%	93%
Orissa	Dhenkanal	11	1190	(1.5)	107	202	(17.0)	93%	405	145	158	57 (67)	1.0	83%		
Orissa	Gajapati	5	728	(1.8)	134	171	(23.5)	85%	258	190	123	91 (107)	0.6	77%	77%	86%
Orissa	Ganjam	33	3581	(2.5)	109	798	(22.3)	84%	1224	149	587	72 (84)	0.6	99%		
Orissa	Jagatsinghapur	11	829	(1.0)	75	94	(11.3)	100%	137	50	54	20 (23)	0.4	75%		
Orissa	Jajapur	17	1229	(1.3)	72	191	(15.5)	100%	459	108	191	45 (53)	0.6	84%		
Orissa	Jharsuguda	5	837	(1.9)	157	110	(13.1)	92%	194	146	95	71 (84)	0.5	92%	86%	90%
Orissa	Kalahandi	14	2436	(2.5)	175	462	(19.0)	87%	544	156	318	91 (107)	0.3	82%	85%	85%
Orissa	Kandhamal	7	1320	(2.1)	195	155	(11.7)	82%	178	105	90	53 (63)	0.3	83%	83%	87%
Orissa	Kendrapara	14	843	(1.2)	62	105	(12.5)	99%	254	75	93	27 (32)	0.9	90%		
Orissa	Kendujhar	16	2766	(2.6)	169	349	(12.6)	93%	605	148	279	68 (80)	0.6	93%	87%	89%
Orissa	Khordha	11	575	(0.5)	52	88	(15.3)	100%	229	83	92	33 (39)	1.0	58%		
Orissa	Koraput	12	2120	(4.6)	172	326	(15.4)	82%	382	124	218	71 (83)	0.3	89%	84%	87%
Orissa	Malkangiri	5	706	(2.6)	141	194	(27.5)	75%	200	159	133	106 (125)	0.3	77%	75%	77%
Orissa	Mayurbhanj	23	3699	(2.0)	159	740	(20.0)	96%	1315	226	643	111 (130)	0.7	89%	80%	83%
Orissa	Nabarangapur	11	1091	(2.6)	103	188	(17.2)	96%	282	106	149	56 (66)	0.5	93%	89%	89%
Orissa	Nayagarh	9	672	(0.7)	74	107	(15.9)	65%	166	74	74	33 (39)	0.5	67%		
Orissa	Nuapada	6	620	(1.5)	112	96	(15.5)	94%	263	190	76	55 (64)	2.2	58%	34%	34%
Orissa	Puri	16	1669	(1.2)	107	142	(8.5)	92%	316	81	89	23 (27)	0.7	82%		
Orissa	Rayagada	9	1553	(2.0)	181	242	(15.6)	84%	306	142	178	83 (97)	0.4	87%	86%	91%
Orissa	Sambalpur	10	1786	(1.3)	184	221	(12.4)	79%	326	134	122	50 (59)	1.0	85%	67%	81%
Orissa	Sonapur	6	920	(1.7)	163	97	(10.5)	100%	193	137	82	58 (68)	0.9	60%		
Orissa	Sundargarh	19	3698	(2.3)	193	483	(13.1)	91%	782	164	360	75 (89)	0.6	90%	81%	84%
Pondicherry	Pondicherry	10	1456	(1.4)	141	178	(12.2)	97%	335	130	173	67 (84)	0.3	75%		
Punjab	Amritsar	32	3742	(2.5)	115	826	(22.1)	91%	1341	165	488	60 (63)	0.7	87%	83%	87%
Punjab	Bathinda	12	1946	(1.6)	156	294	(15.1)	92%	452	145	159	51 (54)	0.8	85%	76%	76%
Punjab	Fatehgarh Sahib	6	740	(1.4)	130	123	(16.6)	98%	213	150	93	65 (69)	0.5	94%	87%	88%
Punjab	Hoshiarpur	16	3158	(2.4)	202	381	(12.1)	91%	429	110	228	58 (62)	0.4	87%	79%	80%
Punjab	Ludhiana	32	5657	(2.9)	177	710	(12.6)	82%	1441	180	458	57 (60)	1.2	87%	77%	82%

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Punjab	Nawanshahr	6	739	(2.0)	119	96	(13.0)	94%	189	122	81	52 (55)	0.7	82%	87%	90%
Punjab	Patiala	19	4210	(3.1)	217	559	(13.3)	94%	784	162	291	60 (63)	0.7	87%	82%	84%
Punjab	Rupnagar	12	2209	(1.6)	189	237	(10.7)	94%	385	131	162	55 (58)	0.5	89%	84%	85%
Punjab	Sangrur	21	2310	(1.4)	110	339	(14.7)	95%	659	125	230	44 (46)	1.1	86%	84%	85%
Rajasthan	Ajmer	24	4141	(2.9)	176	1122	(27.1)	85%	1627	277	529	90 (113)	1.0	94%	85%	87%
Rajasthan	Alwar	32	4291	(2.3)	133	910	(21.2)	83%	1382	171	520	65 (81)	0.8	89%	87%	87%
Rajasthan	Banswara	16	2051	(2.4)	127	483	(23.5)	96%	726	180	328	81 (101)	0.6	92%	86%	91%
Rajasthan	Baran	11	2437	(2.6)	221	556	(22.8)	90%	770	279	340	123 (154)	0.6	90%	86%	87%
Rajasthan	Barmar	21	3205	(3.7)	151	430	(13.4)	90%	718	136	286	54 (68)	1.0	93%	89%	90%
Rajasthan	Bharatpur	23	3674	(3.0)	162	635	(17.3)	85%	924	163	370	65 (82)	0.9	91%	82%	82%
Rajasthan	Bhilwara	22	3972	(0.4)	183	905	(22.8)	99%	1448	267	582	107 (134)	0.5	96%	88%	88%
Rajasthan	Bikaner	20	2010	(2.6)	98	447	(22.2)	96%	820	161	312	61 (76)	0.7	91%	85%	87%
Rajasthan	Bundi	10	1453	(3.0)	140	332	(22.8)	90%	489	189	208	80 (100)	0.7	93%	83%	85%
Rajasthan	Chittaurgarh	19	2844	(2.4)	146	662	(23.3)	86%	808	166	359	74 (92)	0.5	92%	88%	91%
Rajasthan	Churu	18	2310	(2.6)	126	661	(28.6)	96%	1032	225	393	86 (107)	0.7	91%	84%	86%
Rajasthan	Dausa	14	2628	(2.9)	185	506	(19.3)	93%	679	191	284	80 (100)	0.7	88%	84%	86%
Rajasthan	Dhaulpur	11	1828	(3.2)	173	330	(18.1)	94%	526	199	177	67 (84)	1.0	90%	85%	86%
Rajasthan	Dungarpur	12	1365	(2.5)	114	519	(38.0)	91%	750	251	362	121 (152)	0.6	89%	88%	91%
Rajasthan	Ganganagar	19	2357	(2.8)	122	557	(23.6)	93%	927	192	384	80 (100)	0.7	92%	88%	90%
Rajasthan	Hanumangarh	16	3517	(3.1)	215	719	(20.4)	88%	848	207	374	91 (114)	0.5	91%	87%	90%
Rajasthan	Jaipur	57	13566	(3.2)	240	2928	(21.6)	92%	3246	229	1060	75 (94)	0.9	91%	89%	90%
Rajasthan	Jaisalmer	5	817	(5.3)	149	130	(15.9)	89%	201	147	90	66 (82)	0.7	95%	82%	82%
Rajasthan	Jalore	16	1457	(2.9)	93	345	(23.7)	94%	551	141	190	49 (61)	0.9	89%	83%	83%
Rajasthan	Jhalawar	13	2142	(2.5)	168	479	(22.4)	78%	568	179	255	80 (100)	0.6	87%	86%	87%
Rajasthan	Jhunjhunun	21	2080	(2.0)	101	466	(22.4)	88%	714	139	252	49 (61)	0.9	84%	79%	82%
Rajasthan	Jodhpur	31	3768	(2.5)	121	606	(16.1)	91%	1061	137	387	50 (62)	1.3	89%	86%	86%
Rajasthan	Karauli	13	2418	(2.6)	186	527	(21.8)	98%	768	236	351	108 (135)	0.7	95%	91%	92%
Rajasthan	Kota	17	3019	(3.0)	179	463	(15.3)	94%	698	165	281	66 (83)	0.8	95%	90%	92%
Rajasthan	Nagaur	30	4381	(2.8)	147	535	(12.2)	93%	978	131	372	50 (62)	0.9	93%	84%	88%
Rajasthan	Pali	20	2377	(3.2)	121	486	(20.4)	100%	1016	207	385	79 (98)	0.9	93%	87%	87%
Rajasthan	Rajsamand	11	1201	(2.2)	113	257	(21.4)	89%	517	195	205	77 (96)	0.7	90%	86%	90%
Rajasthan	Sawai Madhopur	12	2725	(2.8)	227	586	(21.5)	92%	742	247	317	105 (132)	0.5	95%	90%	90%
Rajasthan	Sikar	25	2888	(2.2)	117	626	(21.7)	92%	957	155	352	57 (71)	0.9	93%	89%	90%
Rajasthan	Sirohi	9	1089	(2.1)	119	283	(26.0)	85%	363	158	163	71 (89)	0.6	91%	86%	86%
Rajasthan	Tonk	13	3034	(4.2)	232	764	(25.2)	94%	1064	326	483	148 (185)	0.6	92%	88%	92%

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Rajasthan	Udaipur	28	3223	(2.2)	114	1087	(33.7)	93%	1641	231	728	103 (128)	0.5	90%	80%	85%
Sikkim	East	3	1204	(2.6)	452	120	(10.0)	95%	260	390	76	114 (152)	0.8	90%	88%	90%
Sikkim	North	0.4	74	(1.8)	166	6	(8.1)	100%	43	385	9	81 (107)	2.0	82%	92%	92%
Sikkim	South	1.4	477	(2.1)	333	61	(12.8)	98%	123	344	41	115 (153)	0.9	89%	82%	88%
Sikkim	West	1.3	229	(1.6)	171	35	(15.3)	94%	85	254	30	89 (119)	0.6	90%	92%	92%
Tamil Nadu	Chennai	44	8559	(4.0)	197	992	(11.6)	100%	1841	169	678	62 (83)	0.7	93%	88%	88%
Tamil Nadu	Coimbatore	44	9953	(2.1)	228	851	(8.6)	96%	1461	134	684	63 (84)	0.6	93%	88%	88%
Tamil Nadu	Cuddalore	24	7828	(1.8)	333	510	(6.5)	96%	885	150	376	64 (85)	0.7	94%	86%	86%
Tamil Nadu	Dharmapuri	29	7820	(1.6)	267	618	(7.9)	87%	849	116	389	53 (71)	0.5	95%	86%	86%
Tamil Nadu	Dindigul	20	599	(0.2)	30	599	(100.0)	95%	907	183	412	83 (111)	0.6	93%	88%	89%
Tamil Nadu	Erode	27	6911	(1.5)	260	656	(9.5)	92%	858	129	410	62 (82)	0.7	94%	90%	90%
Tamil Nadu	Kancheepuram	30	4956	(2.8)	167	429	(8.7)	95%	1242	168	533	72 (96)	0.5	95%	89%	89%
Tamil Nadu	Kanniyakumari	17	3958	(3.4)	230	430	(10.9)	86%	611	142	264	61 (82)	0.8	92%	92%	92%
Tamil Nadu	Karur	10	2009	(2.1)	208	184	(9.2)	81%	370	154	162	67 (90)	0.8	93%	89%	93%
Tamil Nadu	Madurai	26	5472	(2.0)	207	621	(11.3)	97%	1151	174	441	67 (89)	1.1	93%	88%	88%
Tamil Nadu	Nagapattinam	15	3194	(2.2)	208	287	(9.0)	NR	528	138	229	60 (80)	0.9	92%	85%	85%
Tamil Nadu	Namakkal	15	4022	(1.7)	260	338	(8.4)	100%	643	167	254	66 (88)	0.7	95%	88%	88%
Tamil Nadu	Perambalur	12	2470	(2.0)	203	232	(9.4)	100%	366	120	185	61 (81)	0.4	90%	87%	87%
Tamil Nadu	Pudukkottai	15	3474	(2.2)	232	337	(9.7)	98%	582	155	267	71 (95)	0.8	90%	86%	87%
Tamil Nadu	Ramanathapuram	12	2460	(2.5)	201	229	(9.3)	96%	475	156	211	69 (92)	0.8	94%	83%	83%
Tamil Nadu	Salem	31	8340	(3.3)	270	704	(8.4)	100%	1233	160	433	56 (75)	1.1	91%	89%	89%
Tamil Nadu	Sivaganga	12	1916	(2.1)	161	165	(8.6)	97%	458	154	178	60 (80)	1.1	93%	86%	86%
Tamil Nadu	Thanjavur	23	6818	(4.2)	299	575	(8.4)	95%	795	140	331	58 (78)	0.8	93%	88%	88%
Tamil Nadu	The Nilgiris	8	1190	(2.7)	151	72	(6.1)	100%	160	81	64	32 (43)	0.8	92%	85%	85%
Tamil Nadu	Theni	11	3196	(2.2)	283	274	(8.6)	91%	564	200	206	73 (97)	1.2	93%	86%	86%
Tamil Nadu	Thiruvallur	28	4950	(1.4)	175	528	(10.7)	90%	1203	170	500	71 (94)	0.6	91%	85%	86%
Tamil Nadu	Thiruvarur	12	2570	(2.4)	214	245	(9.5)	97%	424	141	179	60 (79)	0.7	90%	87%	87%
Tamil Nadu	Tiruchirappalli	25	5064	(2.2)	205	563	(11.1)	95%	900	146	377	61 (82)	0.8	91%	89%	90%
Tamil Nadu	Tirunelveli	29	5734	(2.2)	198	621	(10.8)	71%	1226	170	443	61 (82)	1.2	93%	86%	87%
Tamil Nadu	Tiruvanamalai	23	6413	(2.1)	285	381	(5.9)	100%	644	114	365	65 (86)	0.4	92%	90%	90%
Tamil Nadu	Toothukudi	16	3290	(2.0)	204	386	(11.7)	97%	598	148	277	69 (91)	0.8	93%	85%	85%
Tamil Nadu	Vellore	36	12503	(2.7)	348	1023	(8.2)	100%	1361	151	611	68 (91)	0.7	95%	90%	90%
Tamil Nadu	Viluppuram	30	7642	(2.1)	251	686	(9.0)	97%	1143	150	518	68 (91)	0.7	92%	85%	85%
Tamil Nadu	Virudhunagar	18	4556	(2.7)	252	518	(11.4)	100%	932	206	298	66 (88)	1.0	92%	89%	89%
Uttar Pradesh	Agra	39	4249	(6.5)	110	869	(20.5)	87%	1315	136	408	42 (44)	0.8	80%	61%	61%

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Uttar Pradesh	Aligarh	32	2905	(2.7)	91	495	(17.0)	85%	866	108	358	45 (47)	1.1	84%	72%	73%
Uttar Pradesh	Allahabad	53	5530	(2.1)	104	906	(16.4)	91%	1396	105	481	36 (38)	1.3	86%		
Uttar Pradesh	Baghpat	12	1850	(3.3)	148	334	(18.1)	95%	614	197	229	73 (77)	0.9	94%	84%	85%
Uttar Pradesh	Bahraich	26	5133	(2.9)	201	798	(15.5)	99%	1501	235	538	84 (89)	1.2	91%	87%	89%
Uttar Pradesh	Barabanki	29	3603	(3.7)	126	751	(20.8)	95%	1117	156	531	74 (78)	0.6	86%	87%	88%
Uttar Pradesh	Bareilly	39	4964	(5.4)	129	797	(16.1)	95%	2224	231	685	71 (75)	1.6	86%	76%	78%
Uttar Pradesh	Basti	22	1281	(2.4)	58	223	(17.4)	96%	629	114	172	31 (33)	1.8	85%	73%	73%
Uttar Pradesh	Bijnor	34	4611	(4.0)	137	477	(10.3)	88%	1001	119	309	37 (39)	1.4	89%	79%	80%
Uttar Pradesh	Budaun	33	3417	(4.6)	104	819	(24.0)	89%	1320	161	613	75 (78)	0.9	87%		
Uttar Pradesh	Bulandshahar	31	2564	(1.9)	82	525	(20.5)	89%	987	126	361	46 (49)	1.1	85%	79%	82%
Uttar Pradesh	Etah	30	3549	(6.7)	119	697	(19.6)	100%	929	124	382	51 (54)	0.7	84%	83%	83%
Uttar Pradesh	Etawah	14	920	(1.7)	64	203	(22.1)	74%	378	105	140	39 (41)	1.5	75%		
Uttar Pradesh	Faizabad	22	2125	(3.1)	95	406	(19.1)	89%	728	130	327	58 (62)	0.9	88%		
Uttar Pradesh	Fatehpur	25	2910	(6.8)	118	376	(12.9)	86%	634	103	233	38 (40)	1.2	85%	57%	59%
Uttar Pradesh	Gautam Budh Nagar	13	2220	(3.4)	174	379	(17.1)	95%	688	216	247	77 (81)	0.8	89%	84%	85%
Uttar Pradesh	Ghaziabad	35	6514	(3.9)	185	1199	(18.4)	92%	2129	242	865	98 (103)	0.7	92%	90%	92%
Uttar Pradesh	Hamirpur-UP	11	1035	(4.1)	93	186	(18.0)	96%	414	148	150	54 (57)	1.2	84%	76%	80%
Uttar Pradesh	Jaunpur	42	2560	(2.3)	61	452	(17.7)	NR	765	73	341	33 (34)	0.9	86%		
Uttar Pradesh	Jhansi	19	2044	(3.7)	109	389	(19.0)	83%	544	116	243	52 (55)	0.7	78%		
Uttar Pradesh	Kanpur Nagar	44	3596	(3.3)	81	762	(21.2)	88%	1128	102	396	36 (38)	1.0	70%		
Uttar Pradesh	Kheri	34	2572	(2.4)	75	586	(22.8)	82%	824		341		1.0			
Uttar Pradesh	Lucknow	39	9263	(3.3)	235	1241	(13.4)	87%	1627	165	656	67 (70)	0.7	89%	88%	88%
Uttar Pradesh	Mainpuri	17	1880	(2.5)	110	280	(14.9)	98%	560	131	230	54 (57)	1.3	88%	82%	87%
Uttar Pradesh	Mathura	22	1654	(4.3)	75	353	(21.3)	83%	589	106	239	43 (45)	1.1	86%		
Uttar Pradesh	Meerut	32	6819	(3.3)	212	969	(14.2)	98%	1948	242	793	99 (104)	0.9	94%	92%	92%
Uttar Pradesh	Mirzapur	23	1286	(3.2)	57	270	(21.0)	100%	434	77	206	36 (38)	0.8	74%		
Uttar Pradesh	Moradabad	40	6277	(6.3)	156	818	(13.0)	83%	1566	156	616	61 (65)	1.3	89%	84%	84%
Uttar Pradesh	Muzaffarnagar	38	5875	(3.4)	155	1029	(17.5)	95%	1723	182	729	77 (81)	0.8	88%	75%	77%
Uttar Pradesh	Rae Bareli	31	3109	(2.2)	101	562	(18.1)	100%	1086	141	463	60 (63)	1.1	85%	83%	89%
Uttar Pradesh	Rampur	21	4892	(7.0)	238	636	(13.0)	95%	909	177	351	68 (72)	0.8	85%	76%	78%
Uttar Pradesh	Saharanpur	31	5456	(3.1)	179	706	(12.9)	93%	1274	167	523	69 (72)	0.9	92%	89%	89%
Uttar Pradesh	Shahjahanpur	27	3082	(4.5)	113	359	(11.6)	69%	649	95	246	36 (38)	1.2	87%		
Uttar Pradesh	Sitapur	39	4746	(3.6)	122	883	(18.6)	59%	1320	136	534	55 (58)	1.0	85%	88%	88%
Uttar Pradesh	Sultanpur	34	2797	(8.1)	82	407	(14.6)	98%	662	77	342	40 (42)	0.8	80%		
Uttar Pradesh	Unnao	29	3380	(4.1)	117	567	(16.8)	100%	1219	169	405	56 (59)	1.5	91%	89%	89%

Performance of RNTCP Case Detection (2004, second quarter), Smear Conversion (2004, first quarter) and Treatment Outcomes (2003, second quarter)

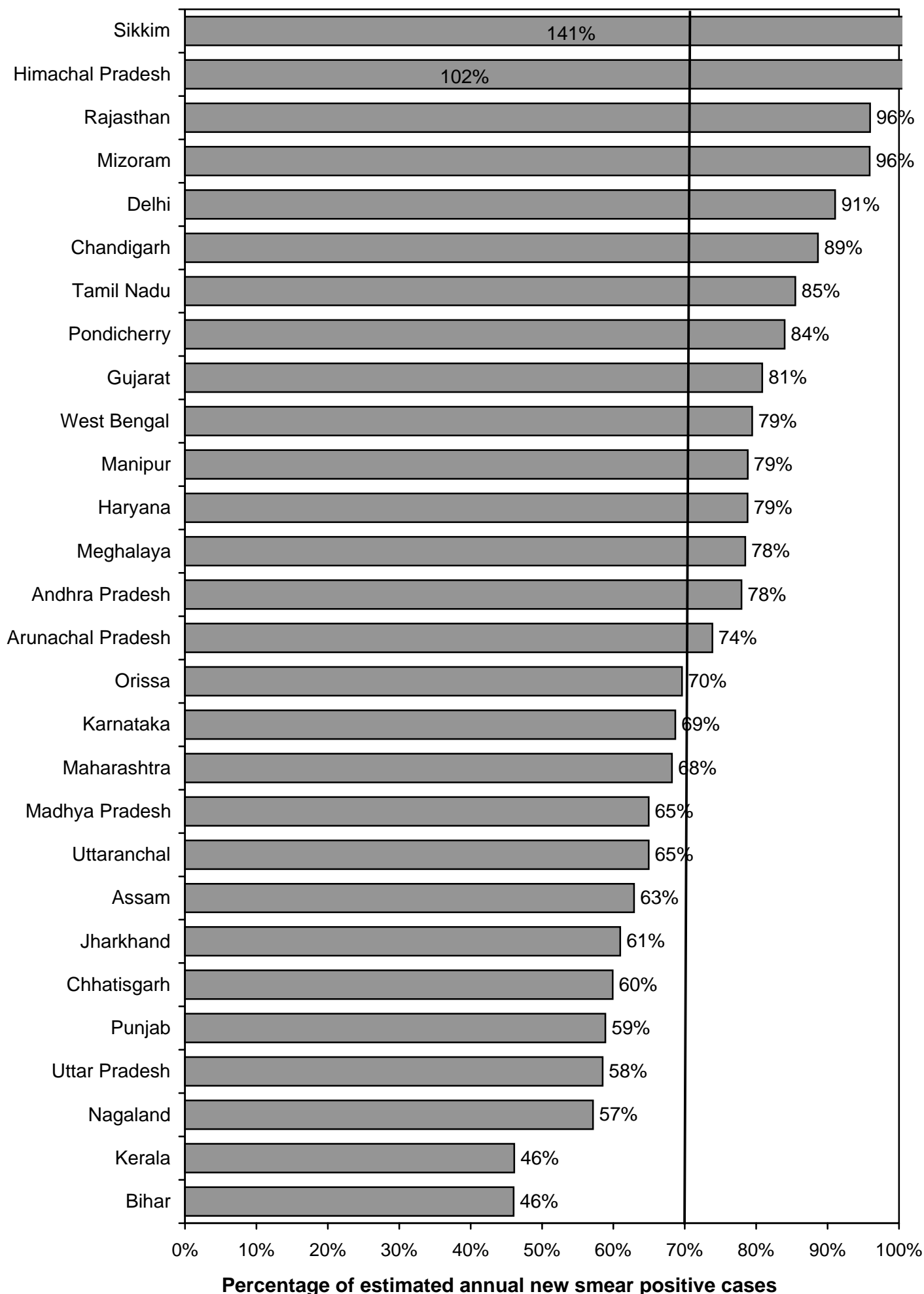
State	District	Population (in lakh) covered by RNTCP *	No. of suspects examined	% suspects examined out of total out-patients	Suspects examined per lakh population	No of Smear positive patients diagnosed	% of S+ve cases among suspects	Percentage smear positive patients living in the district placed on DOTS	Total patients initiated on treatment	Annualized total case detection rate †	New smear positive patients initiated on treatment	Annualized new smear positive case detection rate (%) †	Ratio of new smear negative to new smear positive patients	3 month conversion rate of new smear positive patients §	Cure rate of new smear positive patients ¶	Success rate of new smear positive patients ¶
Uttar Pradesh	Varanasi	34	4088	(2.5)	121	660	(16.1)	81%	973	115	388	46 (48)	0.7	91%	83%	83%
Uttaranchal	Almora	7	1147	(1.9)	173	109	(9.5)	100%	192	116	63	38 (40)	0.9	96%	94%	94%
Uttaranchal	Dehradun	13	2766	(2.4)	205	387	(14.0)	98%	560	166	209	62 (65)	0.8	96%	92%	92%
Uttaranchal	Hardwar	15	2114	(3.0)	139	419	(19.8)	98%	524	138	226	59 (63)	0.8	82%		
Uttaranchal	Nainital	8	1620	(2.7)	201	309	(19.1)	96%	362	180	162	81 (85)	0.4	80%		
Uttaranchal	Rudraprayag	2	299	(2.8)	125	57	(19.1)	85%	64	107	41	68 (72)	0.1	100%		
Uttaranchal	Udhamsingh Nagar	13	2168	(2.4)	167	302	(13.9)	90%	431	132	206	63 (67)	0.7	81%		
Uttaranchal	Uttarkashi	3	375	(1.4)	121	74	(19.7)	88%	56		27		0.4			
West Bengal	Bankura	34	5485	(2.3)	164	830	(15.1)	95%	1156	138	589	70 (94)	0.5	93%	89%	90%
West Bengal	Bardhaman	73	11878	(2.5)	163	1601	(13.5)	93%	2801	154	1163	64 (85)	0.8	91%	89%	89%
West Bengal	Birbhum	32	5259	(2.4)	166	933	(17.7)	92%	1208	153	702	89 (118)	0.4	89%	86%	86%
West Bengal	Dakshin Dinajpur	16	3259	(2.4)	206	523	(16.0)	80%	716	181	391	99 (132)	0.4	91%	80%	81%
West Bengal	Darjeeling	17	2672	(1.9)	158	503	(18.8)	81%	702	166	294	70 (93)	0.5	73%		
West Bengal	Haora	45	7753	(2.9)	173	981	(12.7)	91%	1629	145	635	57 (75)	0.7	88%	85%	85%
West Bengal	Hugli	53	7005	(2.4)	132	982	(14.0)	99%	1921	145	780	59 (79)	0.8	90%	89%	90%
West Bengal	Jalpaiguri	36	6794	(2.2)	190	1079	(15.9)	93%	1786	200	866	97 (129)	0.4	88%	86%	87%
West Bengal	Koch Bihar	26	4436	(2.0)	170	470	(10.6)	93%	744	114	358	55 (73)	0.6	93%	89%	89%
West Bengal	Kolkata	48	5376	(2.0)	112	1195	(22.2)	93%	1760	146	760	63 (84)	0.4	89%	87%	87%
West Bengal	Maldah	35	6870	(1.8)	199	933	(13.6)	85%	1688	195	757	88 (117)	0.8	85%	82%	83%
West Bengal	Medinipur East	46	4260	(1.9)	92	376	(8.8)	97%	706	61	298	26 (34)	0.6	91%	81%	83%
West Bengal	Medinipur West	55	7377	(2.1)	135	968	(13.1)	88%	1830	134	674	49 (66)	0.9	90%	80%	84%
West Bengal	Murshidabad	62	10250	(2.5)	166	1239	(12.1)	93%	2284	148	1015	66 (88)	0.7	92%	86%	86%
West Bengal	Nadia	48	9866	(2.2)	204	781	(7.9)	98%	1502	124	601	50 (66)	0.8	89%	88%	88%
West Bengal	North 24 Parganas	94	11527	(2.3)	123	1375	(11.9)	91%	2451	105	1031	44 (59)	0.5	92%	89%	89%
West Bengal	Puruliya	27	3962	(2.1)	149	620	(15.6)	96%	1098	165	497	75 (100)	0.8	92%	89%	90%
West Bengal	South 24 Parganas	73	8318	(2.2)	115	961	(11.6)	94%	1611	89	786	43 (58)	0.4	91%	87%	88%
West Bengal	Uttar Dinajpur	26	4088	(1.5)	159	489	(12.0)	93%	777	121	353	55 (73)	0.6	89%	75%	76%
Total		8868	1259345	(2.3)	142	193105	(15.3)	91%	316026	146	127409	59 (78)	0.8	89%	85%	86%

Quarterly report methodology

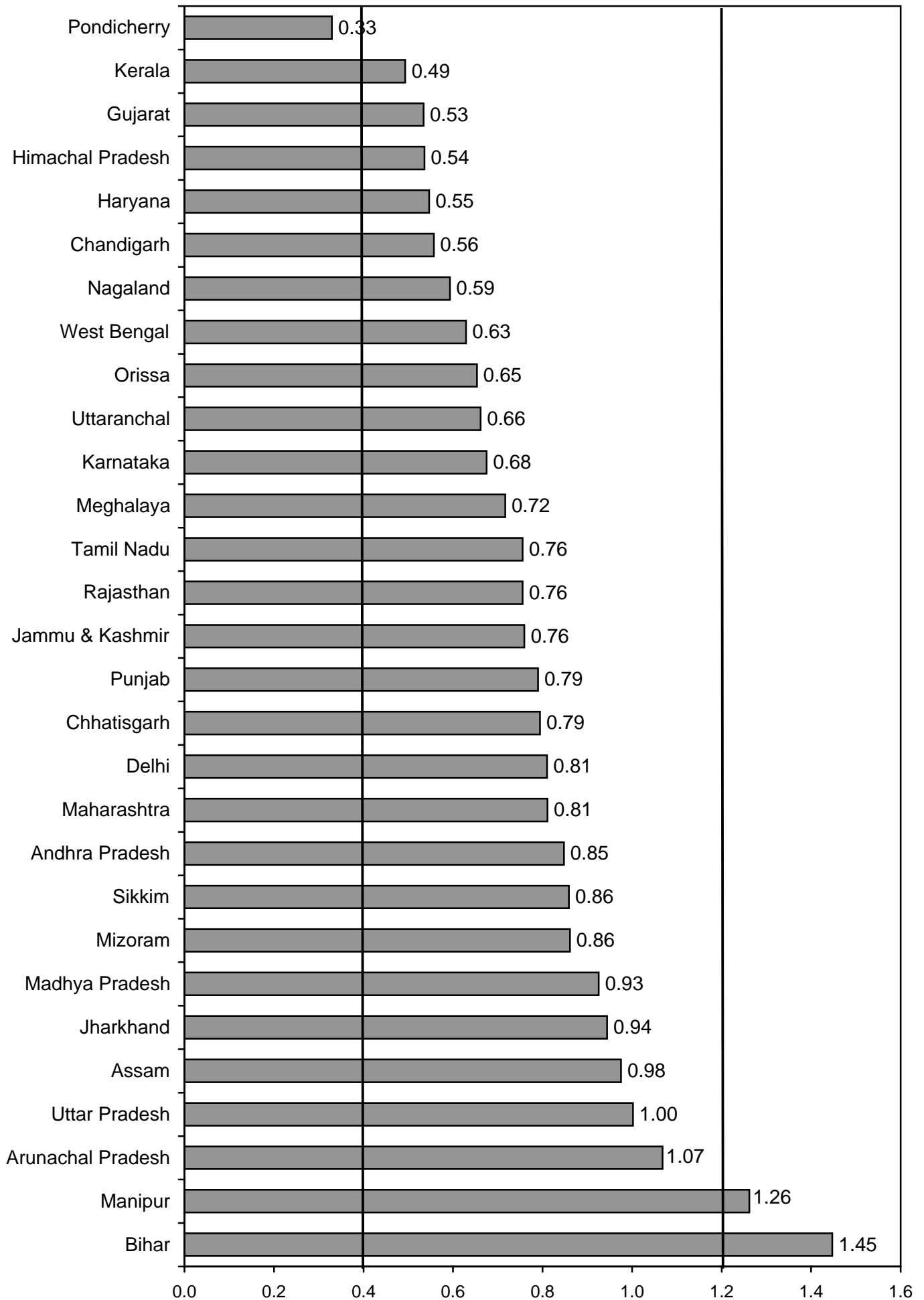
Column Heading in RNTCP Performance Report	Formula	Conditions for formatting
Outpatients examined No.(%)	No. = No. of new adult OPD patients whose sputum was examined % = No. of new adult OPD patients whose sputum was examined / No. of new adult OPD patients visited the health facility (facilities) x 100	Shade black when less than 1.99% or greater than 7%
Smear positive (S+ve) patients diagnosed No.(%)	No. = No. of S+ve patients diagnosed % = No. of S+ve patients diagnosed / no. of TB suspects examined x 100	—
Percentage of S+ve patients living in the district placed on DOTS	% = No. of S+ve patients put on DOTS / No. of S+ve patients living in the district X 100	Shade black when less than 89.5%
Annualized total case detection rate per lakh population	Rate = (Total cases registered in the respective quarter x 4) / Projected population of the year in lakhs	Exclude all districts which started implementation in that quarter. Grey shade wherever blank
Annualized new S+ve case detection rate per lakh population and new S+ve case detection percentage (%)	Rate = (New S+ve cases registered in the respective quarter x 4) / Projected population of the year in lakhs % = Actual rate / estimated rate (*) x 100	Exclude all districts which started implementation in that quarter. Grey shade wherever blank
Ratio of new S-ve to new S+ve patients	No. of new S-ve cases registered in the respective quarter / No. of new S+ve cases registered in the respective quarter	Shade black when greater than 1.25 or less than 0.35
3 month conversion rate of new S+ve patients (%)	No. of new S+ve cases smear negative at 2 months + negative at 3 months / Total new S+ve cases registered in the respective quarterly patient cohort x 100	Less than 84.5% with black shade Grey shade wherever blank
Cure rate of new S+ve patients (%)	No. of of new S+ve patients cured / Total new S+ve cases registered in the respective quarterly patient cohort x 100	Less than 79.5% with black shade Grey shade wherever blank
Treatment success rate of new S+ve patients	No. of of new S+ve patients (cured + treatment completed) / Total new S+ve cases registered in the respective quarterly patient cohort x 100	Less than 79.5% with black shade Grey shade wherever blank

* Estimated rate: For every 1% of Annual Risk of TB Infection (ARTI), there are expected to be 50 new S+ve cases per 1,00,000 population per year. Hence with a national ARTI of 1.5%, in India 75 new S+ve cases are expected nationally per 1,00,000 population per year. Estimated New Smear Positive cases / lakh population based on ARTI data for North Zone (Chandigarh, Delhi, Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Uttar Pradesh, Uttaranchal) is 95; East Zone (Andaman & Nicobar, Arunachal Pradesh, Assam, Bihar, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, West Bengal) is 75; South Zone (Andhra Pradesh, Karnataka, Kerala, Lakshdweep, Pondicherry, Tamil Nadu) is 75 and West Zone (Chhattisgarh, Dadra & Nagar Haveli, Daman & Diu, Goa, Gujarat, Madhya Pradesh, Maharashtra, Rajasthan) is 80; Orissa is 85

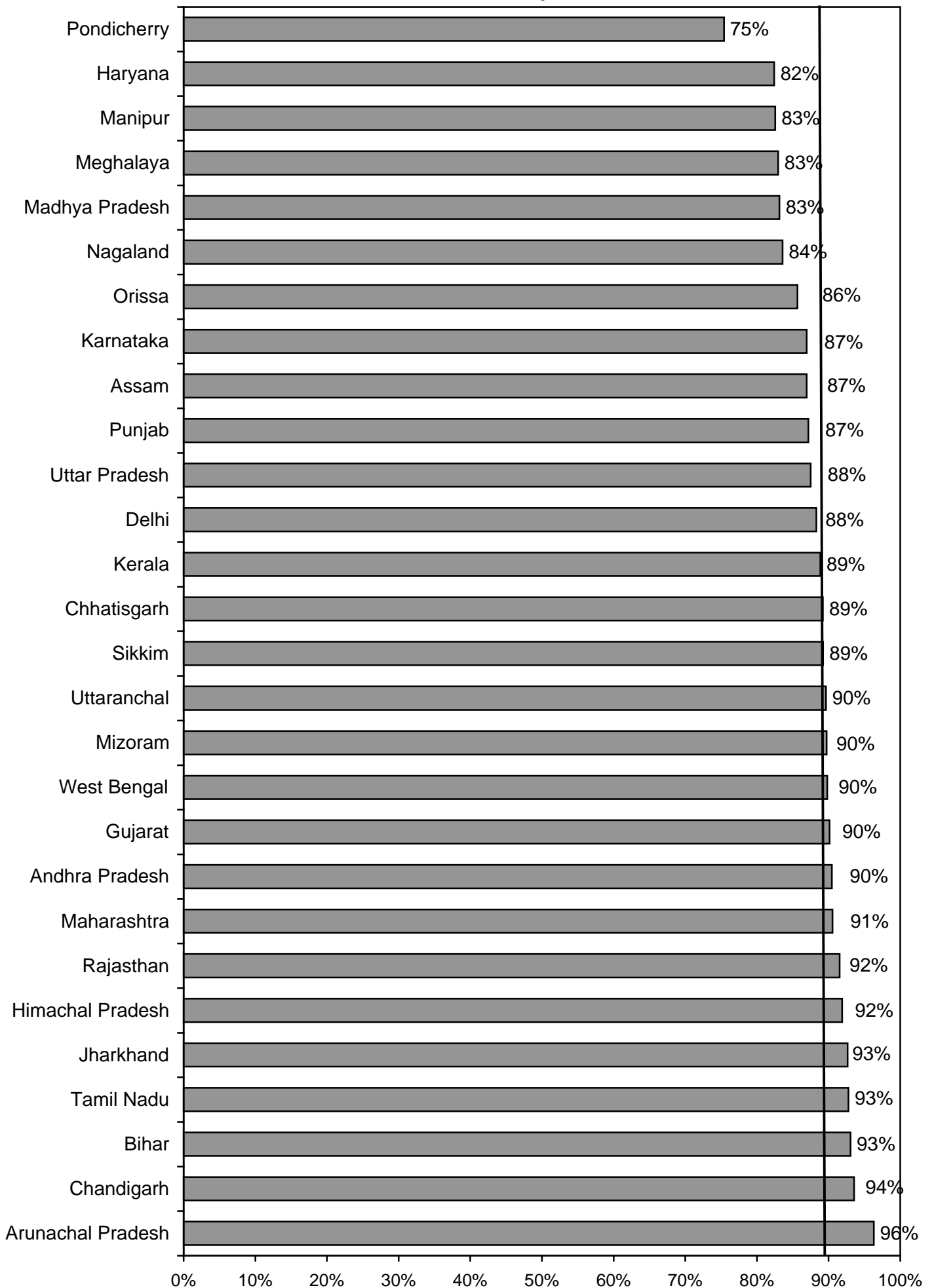
**Percentage of annual estimated new smear-positive cases detected,
second quarter of 2004**



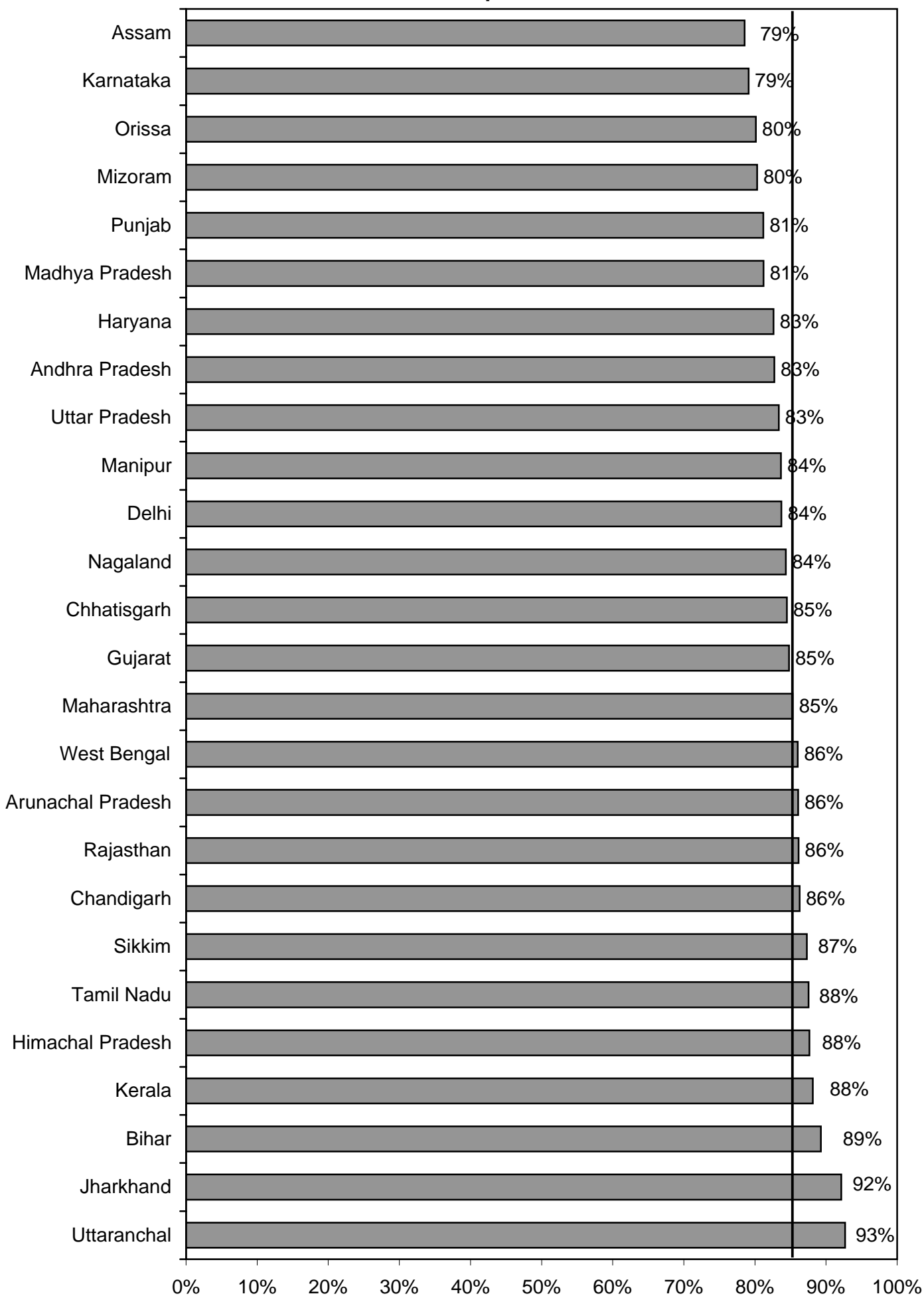
**Ratio of new sputum-negative to new sputum-positive patients,
second quarter of 2004**



Sputum conversion rate among new sputum-positive patients at 3 months, first quarter of 2004



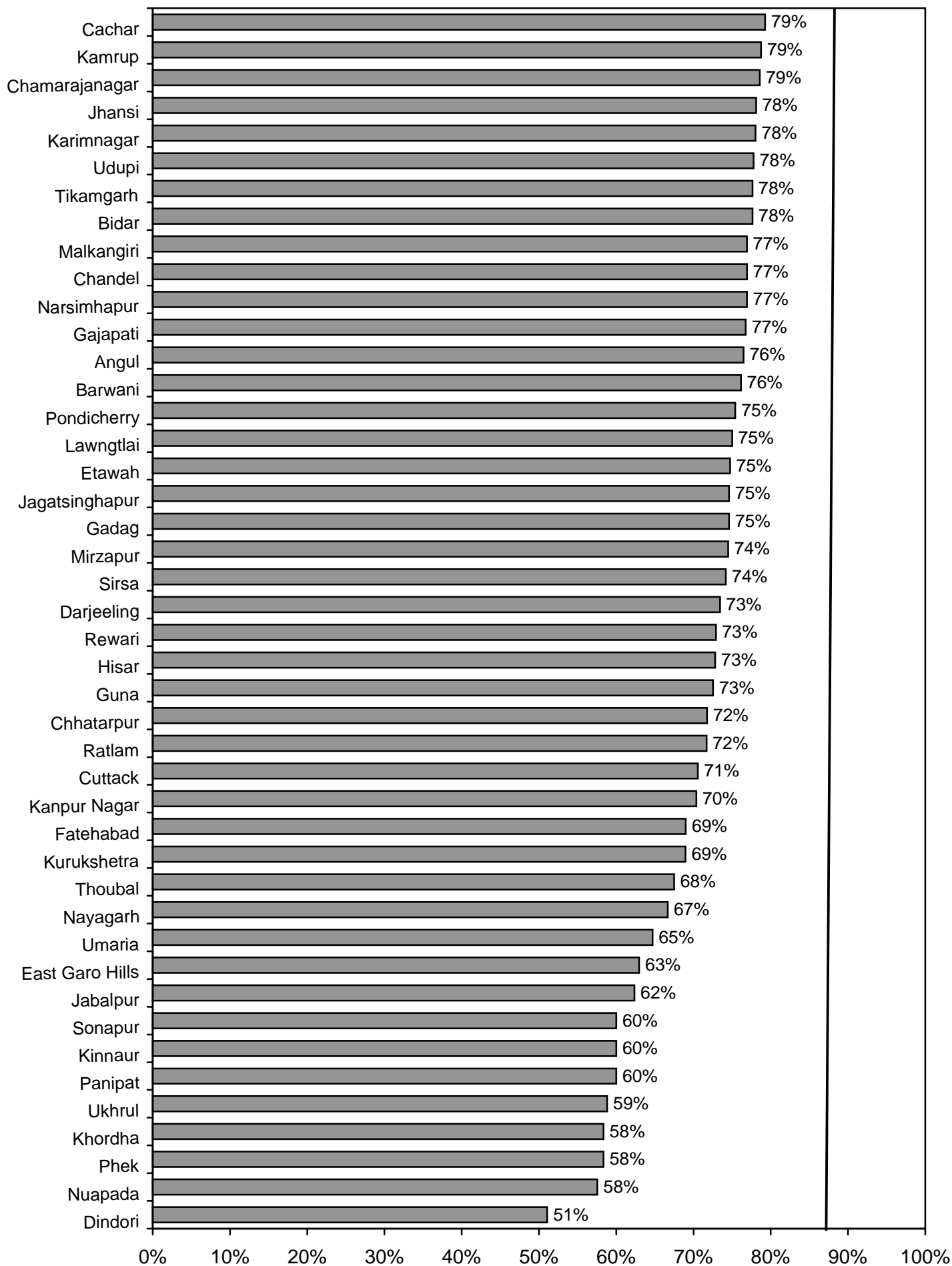
**Cure rate among new sputum-positive patients,
second quarter of 2003**



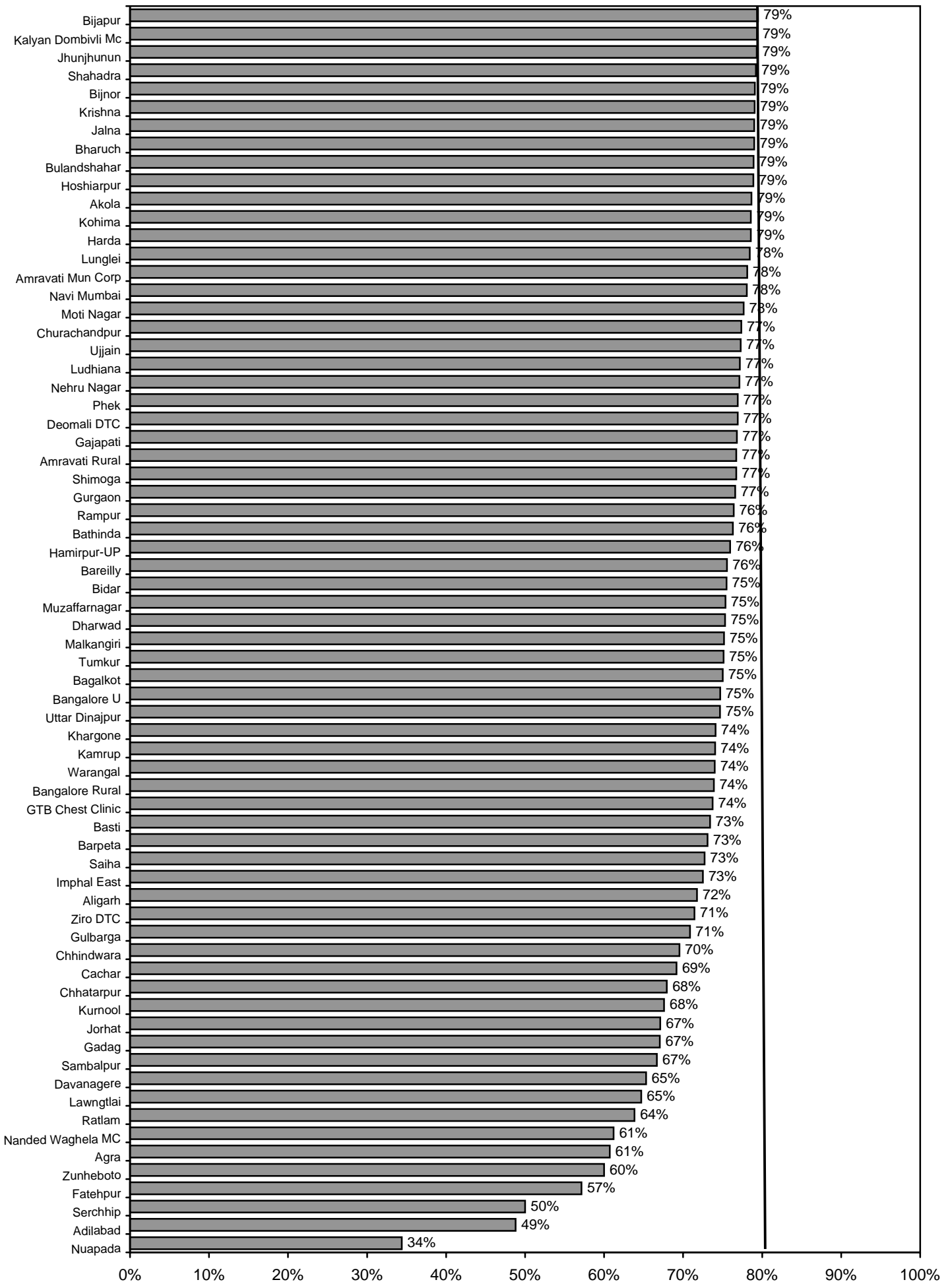
**46 (10%) districts with disproportionately high ratio of new sputum-negative to new sputum-positive patients, second quarter 2004
(all other districts had a ratio < 1.2)**

State	District	Ratio of new smear negative to new smear positive patients	State	District	Ratio of new smear negative to new smear positive patients
Andhra Pradesh	Warangal	1.3	Madhya Pradesh	Raisen	1.8
Arunachal Pradesh	Ziro DTC	1.9	Madhya Pradesh	Satna	1.8
Arunachal Pradesh	Along DTC	1.3	Madhya Pradesh	Sagar	1.6
Assam	Barpeta	2.0	Manipur	Churachandpur	2.0
Assam	Hailakandi	1.4	Manipur	Imphal East	1.5
Assam	Golaghat	1.4	Manipur	Thoubal	1.4
Assam	Karimganj	1.3	Manipur	Senapati	1.3
Assam	Darrang	1.3	Mizoram	Lunglei	2.1
Assam	Sonitpur	1.3	Mizoram	Saiha	1.7
Assam	Cachar	1.3	Mizoram	Serchhip	1.5
Bihar	Munger	5.4	Nagaland	Wokha	1.5
Bihar	Muzaffarpur	1.6	Orissa	Nuapada	2.2
Bihar	Vaishali	1.6	Orissa	Balangir	1.4
Chhatisgarh	Janjgir	1.3	Rajasthan	Jodhpur	1.3
Delhi	Shahadra	1.4	Sikkim	North	2.0
Delhi	Hedgewar C Clinic	1.3	Uttar Pradesh	Basti	1.8
Himachal Pradesh	Lahul & Spiti	1.3	Uttar Pradesh	Bareilly	1.6
Jharkhand	Jamtara	1.8	Uttar Pradesh	Etawah	1.5
Karnataka	Shimoga	1.3	Uttar Pradesh	Unnao	1.5
Madhya Pradesh	Mandsaur	1.5	Uttar Pradesh	Bijnor	1.4
Madhya Pradesh	Khandwa	1.4	Uttar Pradesh	Moradabad	1.3
Madhya Pradesh	Sehore	1.3	Uttar Pradesh	Mainpuri	1.3
Madhya Pradesh	Vidisha	1.3	Uttar Pradesh	Allahabad	1.3

**Fourty four (9%) districts with low sputum conversion rate among new sputum-positive patients at 3 months, first quarter of 2004
(all other districts had conversion rates >80%)**

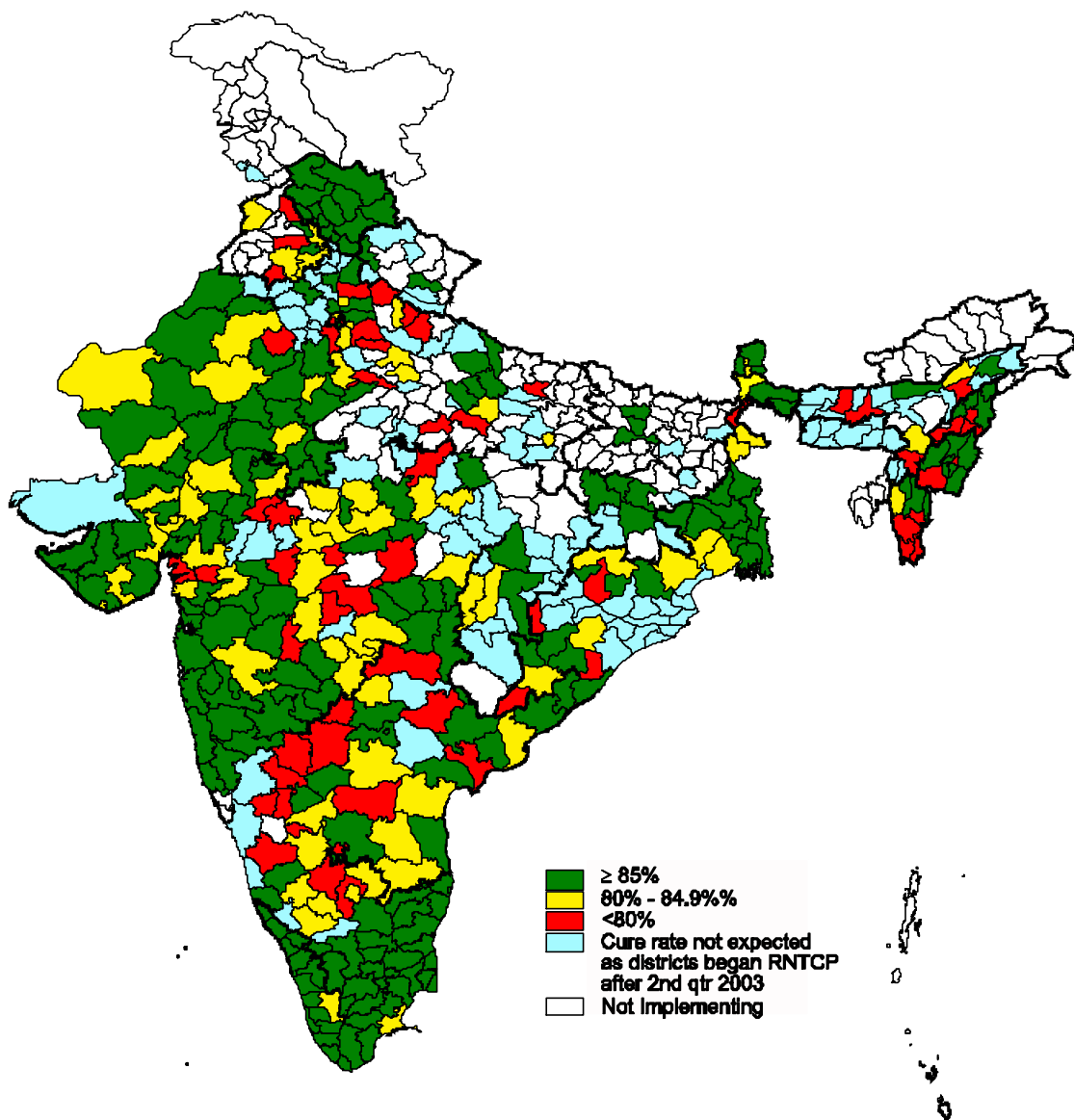


Sixty-eight (18%) districts with low cure rates among new sputum-positive patients, second quarter of 2003 (all other districts had cure rates > 80%)



Cure rate by district, India

Second quarter, 2003



Cure rate by district, India

Second quarter, 2003

