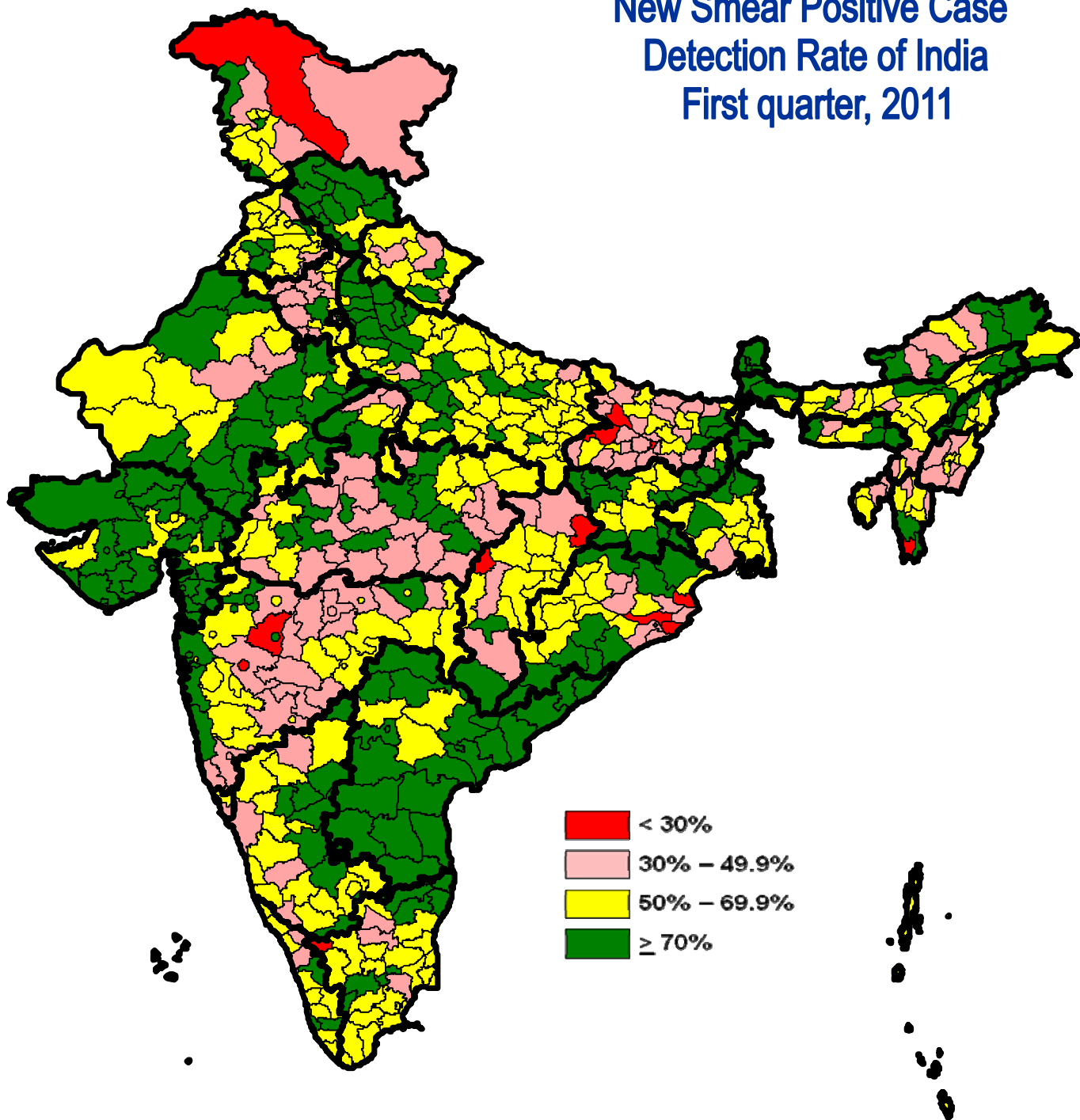


RNTCP Performance Report, India

First Quarter, 2011

New Smear Positive Case
Detection Rate of India
First quarter, 2011

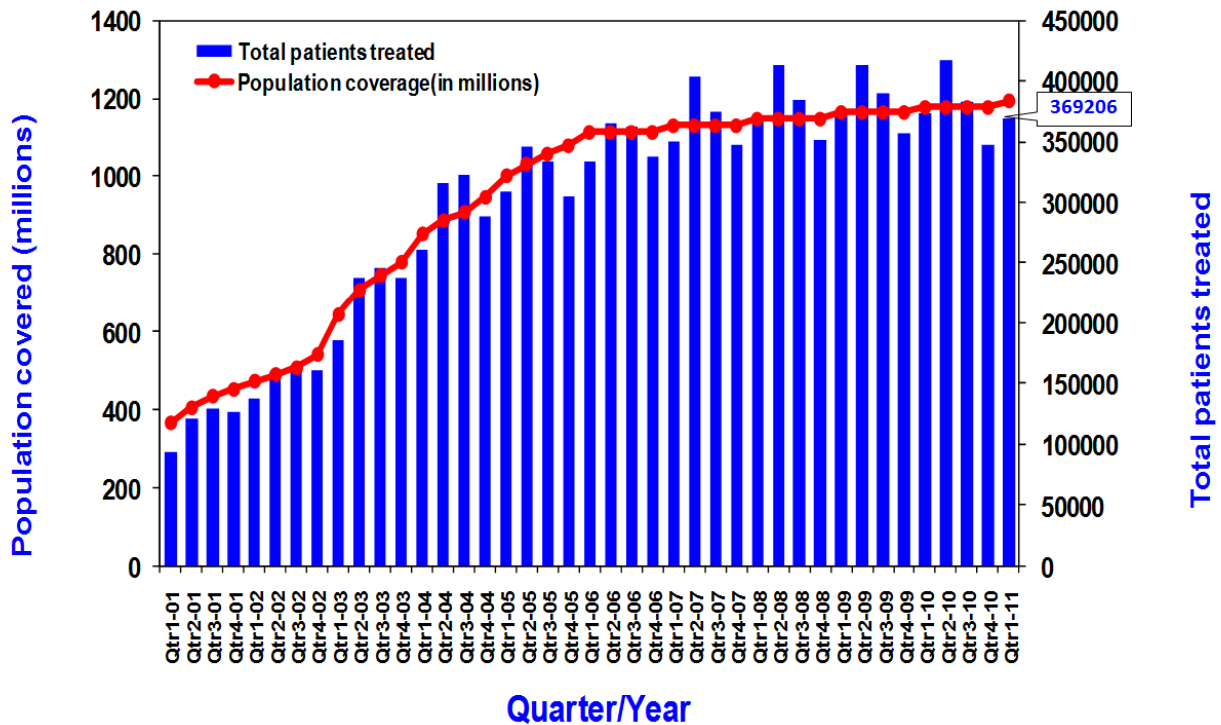


सत्यमेव जयते

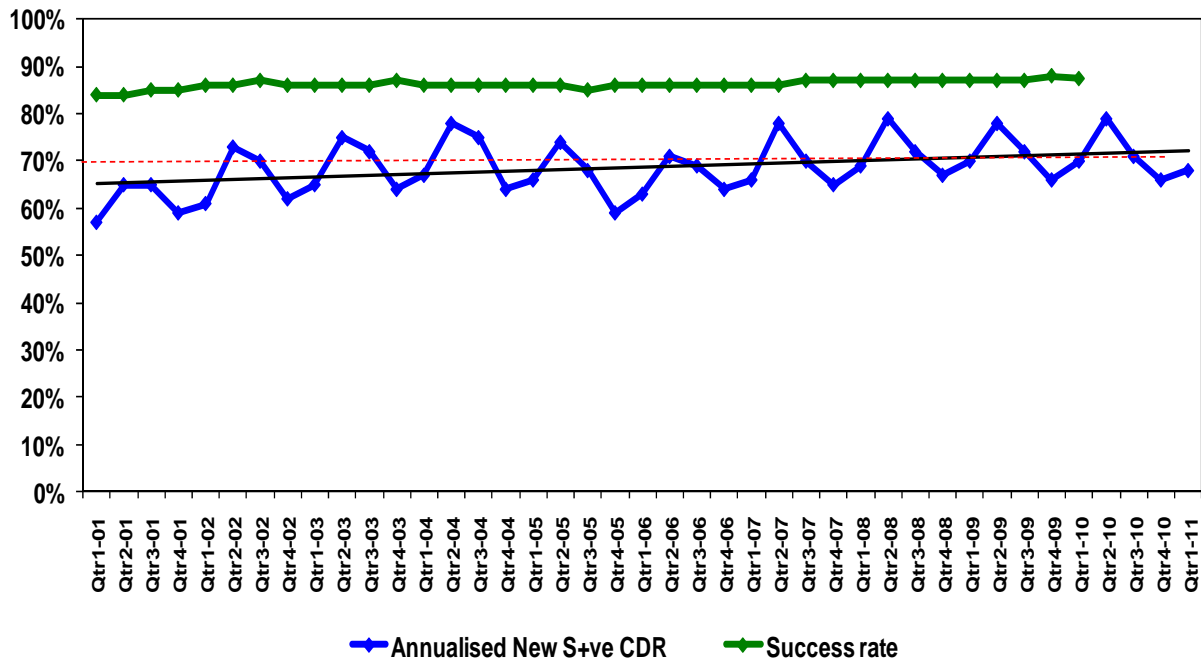
Central TB Division, Directorate General of Health Services
Ministry of Health and Family Welfare, Nirman Bhavan, New Delhi 110011
<http://www.tbcindia.org>



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, 2001 – 2011



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

Revised National Tuberculosis Control Programme, 1st Quarter, 2011

Dear Colleagues,

It is my great pleasure to inform you that Revised National TB Control Programme (RNTCP) has maintained NSP Case notification (detection) rate of 52/lakh (69%) and treatment success rate of 87.4% in NSP patients at the national level in 1st Quarter 2011 inspite of the fact that case notification rate drops during 1st quarter. The programme while consolidating and sustaining its past achievements is progressing well towards achieving the TB related Millennium Development Goals.

RNTCP Performance in 1st quarter 2011.

During the quarter, over 2.04 million TB suspects were examined, 2,35,008 sputum positive cases were diagnosed and a total 3,69,046 TB cases were registered for treatment under DOTS regimen. The annualized total case notification rate is 121 cases/100,000 population. The new sputum positive case notification rate is 52 per 100,000 population (69%). In addition to this 83,407 new sputum negative cases, 55,229 new extra pulmonary cases and 48,506 sputum positive re-treatment cases were also registered for treatment during the quarter. Treatment success rate among the new sputum positive pulmonary TB cases, registered in 1st quarter 2010, is 87.4% and the sputum conversion rate of patients registered during 4th quarter, 2010 is 90.7%. The default rate among NSP (5.4%), NSN (6.6%), new extra pulmonary (3.6%) and retreatment sputum positive patients (14.1%) shows a declining trend over the past several quarters.

Major Activities during the quarter

Progress in accreditation of Intermediate Reference Laboratories (IRL)

RNTCP has accredited 27 Solid Culture and DST laboratories in the country which includes 4 National reference laboratories, 15 Intermediate Reference laboratories and 8 laboratories from other sectors like Medical Colleges, NGOs and Private sectors, the other 4 laboratories are in the final stages of accreditation. The Line Probe Assay (to detect Isoniazid & Rifampicin resistance) has been introduced in the programme and 3 IRLs and 1 NRL have been accredited to deliver the services, several other labs are in different stages of accreditation.

Progress in the DOTS- Plus services for MDR TB cases.

DOTS Plus services for management of MDR TB are now available in 150 districts covering a population of 331.5 million in 15 states. Till date a total of around 4217 MDR-TB patients are on treatment in these states. Other states are in various stages of preparatory activities for rolling out DOTS-Plus services.

Progress in TB HIV Collaborative Activities

Scale-up of Joint TB/HIV collaborative activities has been hailed by numerous external review missions as one of the success stories of RNTCP and continues to progress impressively. The two programmes aim to achieve nationwide coverage of TB-HIV intensified package by the end of 2011. The performance has been uneven and varied across the states especially in linking HIV-infected TB patients to ART and this requires intensive supervision and monitoring. As we plan for the next five year plan (2012-17), RNTCP and NACP are preparing a joint national strategic plan with inputs from all stakeholders to achieve universal access to TB/HIV care – All TB patients to be tested for HIV and all HIV-infected TB patients to be receiving CPT and ART.

Programme review

A three day meeting of State Health Ministers and Secretaries of Health and Medical Education was held in Hyderabad from 11th to 13th January 2011. After detailed review of the ongoing National Programmes, with a view to strengthen the health programmes the meeting

unanimously adopted certain resolutions. As regards to RNTCP the following resolutions were undertaken:

1. Concerted efforts will be made to improve case detection rate in 100 identified districts where case detection is less than 50% to raise it to 70% by 2012.
2. Multi-Drug Resistant Tuberculosis (MDR-TB) is emerging as a major public health problem in the country and shall be urgently addressed.

Progress in Supervision, Monitoring and Training

Performance Indicators published in quarterly as well as annual status report have been revised through a national consultative process. This Performance report is compiled and published by Central TB Division based on the quarterly reports submitted by the DTOs and STOs through windows based software 'EPI-CENTRE' and the same data validated by themselves. The Supervision and Monitoring Strategy for the programme is being revised keeping in view of achieving the objective of Universal Access.

Progress in ACSM activities

Regional ACSM Workshop held for capacity building of states in Chennai from 21st –23rd February, 2011 participants from States of Andhra Pradesh, Karnataka, Kerala, Puduchery, Tamilnadu, Lakshadweep, Andaman & Nicobar and Daman & Diu were present. During this workshop SQSG (State Quality Support Group) was formed in each state to ensure quality support to entire ACSM effort as an ongoing mechanism for continued quality assurance.

World TB Day Event 2011

The World TB Day Event 2011 was strategized keeping the Revised National TB Control Programme objectives and goals: "TB MuktiMashaal" The awareness drive for the World TB Day Event is concentrated around the central idea of a torch that will keep burning till the event tenure and carried to different parts of the Delhi city. The Theme "TB MuktiMashaal" was conceptualised in conjunction with the World Health Organisation's Global plan to STOP TB theme "On the move against Tuberculosis; Transforming the fight towards elimination".

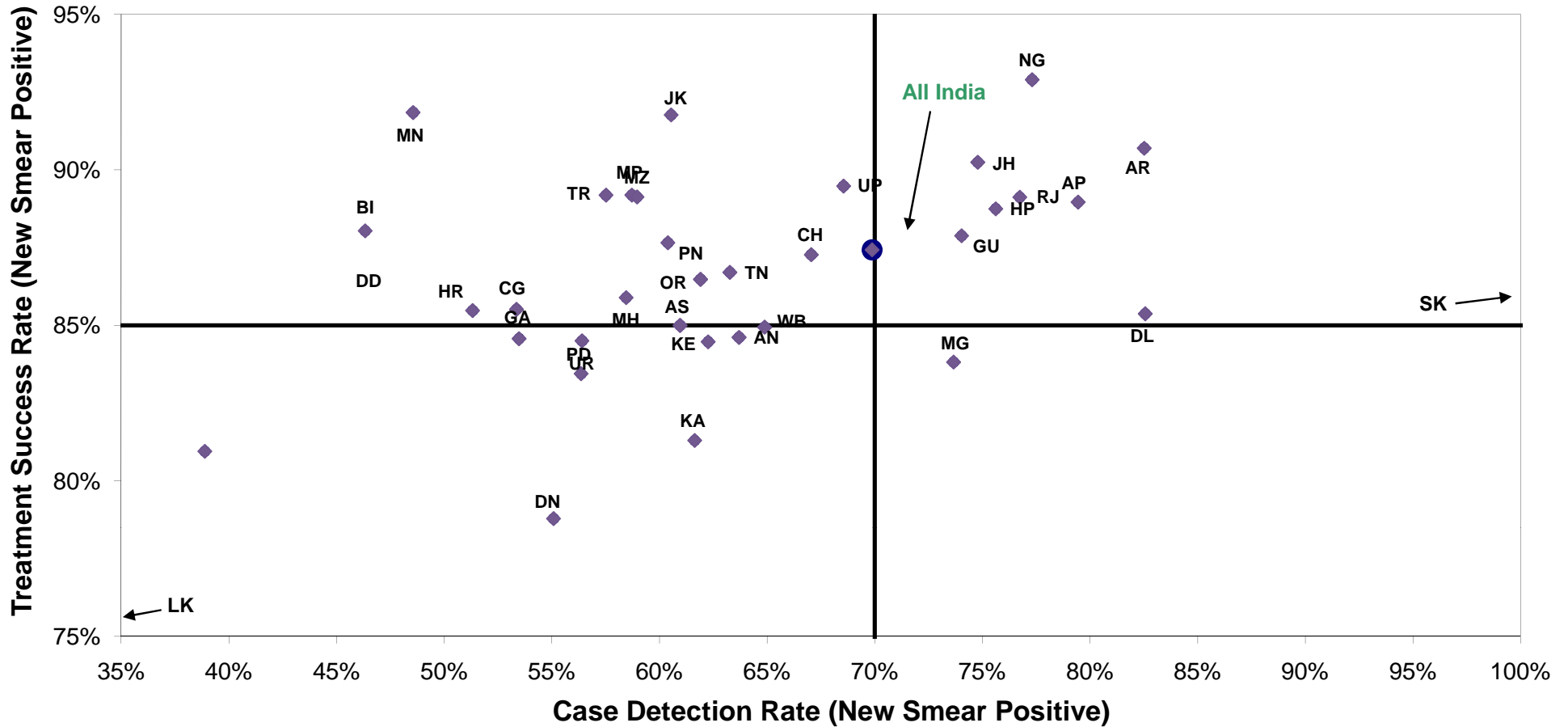
Progress in PPM activities:-

National Consultative Meeting of Partners was conducted in Delhi on 6th-7th January 2011. The Theme of the meeting was: Civil Society contribution to RNTCP planning in next phase. National Consultation on Developing Public-Private Collaboration Strategies for the Revised National Tuberculosis Control Programme (RNTCP) Conducted in New Delhi 17–18 February 2011 with the objective to review public-private collaboration experiences globally and from other health sectors in India, and develop recommendations for engaging the private sector for TB control in India successfully including its scale-up plan.

The programme has made great inroads to the cause of TB control in the country. Central TB Division is actively engaged in developing National Strategic Plan (12th Five Year Plan) for the year 2012-17. This process has been consultative and the inputs are being taken from states and the partners as well as experts in TB control and non governmental organizations.

Dr. Ashok Kumar
Deputy Director General (TB)
Dte. General of Health Services, MOHFW,
Government of India

Case Detection Rate and Treatment Success Rate in RNTCP areas for 1st quarter 2011/2010



AP- Andhra Pradesh; AR- Arunachal Pradesh; AN- Andaman & Nicobar; AS- Assam; BI- Bihar; CH- Chandigarh; CG- Chhatisgarh; DD- Daman & Diu; DL- Delhi; DN- Dadra & Nagar Haveli; GA- Goa; GU- Gujarat; HR- Haryana; HP- Himachal Pradesh; JK- Jammu & Kashmir; JH- Jharkhand; KA- Karnataka; KE- Kerala; LK- Lakshadweep; MP- Madhya Pradesh; MH- Maharashtra; MN- Manipur; MG- Meghalaya; MZ- Mizoram; NG- Nagaland; OR- Orissa; PD- Puducherry; PN- Punjab; RJ- Rajasthan; SK- Sikkim; TN- Tamil Nadu; TR- Tripura; UP- Uttar Pradesh; UR- Uttarakhand; WB- West Bengal

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case notification rate (reported by RNTCP DMCs)	Annualized smear positive case notification rate [from CFR: sm + Rel + TAD] * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate
Andaman & Nicobar	5	1271	257	9%	89	14	43%	72	62	233	189	48	57	57	27
Andhra Pradesh	847	150981	178	7%	20045	8	-6%	95	77	28369	134	60	32	16	27
Arunachal Pradesh	12	2533	204	-4%	313	8	-19%	101	86	540	174	62	37	22	52
Assam	306	34796	114	-2%	5050	7	-2%	66	56	8459	111	46	29	15	21
Bihar	977	109523	112	13%	11950	9	15%	49	42	19246	79	35	22	5	16
Chandigarh	14	4376	304	-5%	556	8	-13%	155	87	630	175	64	13	61	37
Chhattisgarh	243	28345	117	6%	3275	9	-4%	54	49	6890	114	43	43	15	13
D & N Haveli	4	610	172	13%	65	9	34%	73	54	95	107	44	18	25	20
Daman & Diu	3	780	289	12%	43	18	13%	64	40	75	111	31	31	13	36
Delhi	185	44716	242	3%	6366	7	-12%	138	111	13239	287	78	50	94	64
Goa	18	4372	247	24%	326	13	22%	74	57	549	124	43	22	32	27
Gujarat	590	111301	189	4%	14735	8	-6%	100	82	18382	125	59	13	17	36
Haryana	254	41343	163	-5%	5938	7	-13%	93	73	8514	134	49	24	24	37
Himachal Pradesh	68	17896	263	18%	1978	9	1%	116	98	3266	192	72	32	45	44
Jammu & Kashmir	117	25974	222	47%	2231	12	16%	76	70	3249	111	58	14	21	17
Jharkhand	315	38494	122	12%	5729	7	-4%	73	65	9206	117	56	32	8	21
Karnataka	594	128178	216	10%	11259	11	14%	76	60	17488	118	46	26	22	24
Kerala	346	99735	289	18%	3847	26	13%	45	35	6694	77	31	20	18	8
Lakshadweep	1	138	182	104%	0			0	0	2	11	0	0	11	0
Madhya Pradesh	722	92646	128	14%	12836	7	3%	71	61	21090	117	47	34	13	23
Maharashtra	1127	181383	161	4%	19044	10	6%	68	59	33933	120	47	27	22	25
Manipur	24	3178	130	1%	316	10	1%	52	44	673	110	36	30	24	20
Meghalaya	26	4779	182	-4%	597	8	0%	91	68	1068	163	55	34	39	34
Mizoram	10	2260	225	24%	163	14	54%	65	57	588	234	44	63	83	43
Nagaland	22	3619	161	6%	506	7	-21%	90	76	914	163	58	35	36	33
Orissa	408	55689	137	1%	7292	8	-5%	72	62	12090	119	53	28	21	17
Puducherry	14	5760	414	-2%	673	9	7%	194	58	371	107	42	23	23	19
Punjab	277	46384	168	7%	6290	7	-8%	91	79	9399	136	57	22	26	30
Rajasthan	678	97275	143	6%	16496	6	-2%	97	88	27037	159	61	39	22	37
Sikkim	6	1798	294	15%	199	9	-10%	130	122	402	263	84	50	63	66
Tamil Nadu	674	166892	247	-6%	11703	14	-11%	69	60	20612	122	47	34	23	17
Tripura	36	5400	149	10%	503	11	-2%	56	50	708	78	43	14	10	11
Uttar Pradesh	2008	303737	151	2%	46187	7	-6%	92	83	67512	135	65	29	15	25
Uttarakhand	99	17143	172	4%	2516	7	-15%	101	77	3453	139	54	28	23	34
West Bengal	895	152366	170	2%	15892	10	-4%	71	60	24230	108	49	21	17	21
Grand Total	11925	1985671	167	5%	235008	8	-6%	79	67	369206	124	52	28	19	25

Estimated New Smear Positive cases / lakh population based on ARTI data for North Zone (Chandigarh, Delhi, Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Uttar Pradesh, Uttarakhand) 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, Lakshadweep, Puducherry, Tamil Nadu) is 75 and West Zone (Chhattisgarh, Dadra & Nagar Haveli, Daman & Diu, Goa, Gujarat, Madhya Pradesh, Maharashtra, Rajasthan) is 80; Orissa is 85, Kerala is 50

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

2 Smear positive patients diagnosed include new smear positive cases and smear positive retreatment cases, data from DMCs

3 Total patients registered for treatment includes new sputum smear positive cases, new smear negative cases, new extra-pulmonary cases, new others, relapse, failure, TAD and retreatment others

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	Annualized previously treated smear positive case notification rate	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients	3 month conversion rate of retreatment patients	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer		Proportion of all registered TB cases with known status	Proportion of TB patients known to be HIV infected among tested	Proportion of TB patients known to be HIV infected among registered	Proportion of HIV infected TB patients put on CPT(RT report)	Proportion of HIV infected TB patients put on ART(RT report)
Andaman & Nicobar	19	12	6%	91%	81%	80	98%	70	85%	64	96%	34	15%	8%	0%	0%		
Andhra Pradesh	19	1171	5%	92%	76%	15086	91%	16342	98%	11151	84%	23692	84%	81%	11%	9%	91%	43%
Arunachal Pradesh	29	39	10%	91%	77%	266	94%	276	98%	198	91%	186	34%	43%	0%	0%		
Assam	11	317	5%	87%	65%	3723	85%	4078	94%	2897	77%	2739	32%	26%	1%	0%	100%	138%
Bihar	8	980	6%	88%	73%	9068	87%	10053	97%	6627	81%	12297	64%	8%	4%	0%	45%	18%
Chandigarh	24	68	14%	94%	74%	253	80%	278	88%	223	90%	135	21%	93%	1%	1%		
Chhattisgarh	7	285	5%	89%	73%	2658	89%	2870	96%	1944	80%	3507	51%	3%	3%	0%	0%	25%
D & N Haveli	12	3	4%	92%	53%	45	90%	47	94%	32	91%	19	20%	7%	0%	0%	50%	50%
Daman & Diu	9	6	12%	79%	75%	20	74%	27	100%	23	100%	9	12%	65%	10%	7%	0%	33%
Delhi	36	1478	14%	91%	73%	4665	88%	5074	96%	4149	97%	895	7%	49%	2%	1%	70%	64%
Goa	17	34	8%	89%	58%	236	90%	238	91%	180	92%	53	10%	92%	5%	4%	100%	82%
Gujarat	25	860	7%	92%	71%	11374	92%	12190	99%	9251	90%	9859	54%	83%	5%	4%	93%	71%
Haryana	27	350	6%	90%	77%	4249	88%	4458	93%	2913	75%	2248	26%	55%	1%	1%	0%	27%
Himachal Pradesh	29	97	4%	92%	83%	1657	97%	1653	96%	1541	95%	424	13%	22%	2%	1%	0%	0%
Jammu & Kashmir	14	155	6%	92%	82%	2050	98%	2075	99%	1791	91%	326	10%	2%	5%	0%		
Jharkhand	10	403	5%	92%	79%	4499	87%	5135	99%	3138	75%	5311	58%	10%	5%	1%	0%	68%
Karnataka	15	1047	8%	89%	63%	7778	85%	8768	96%	5180	81%	8720	50%	86%	15%	13%	98%	66%
Kerala	6	1004	17%	86%	71%	2827	88%	2934	92%	2216	82%	4241	63%	40%	3%	1%	13%	16%
Lakshadweep	0	0	0%	100%	0%	0		0		0	0%	0	0%	0%		0%		
Madhya Pradesh	15	1708	10%	91%	71%	9939	88%	11062	98%	6349	78%	12760	61%	9%	1%	0%	0%	25%
Maharashtra	13	1988	7%	90%	69%	14877	88%	16498	98%	11218	82%	9834	29%	74%	11%	8%	93%	57%
Manipur	8	27	5%	93%	84%	260	95%	261	95%	205	83%	343	51%	44%	11%	5%	61%	48%
Meghalaya	18	110	13%	85%	60%	426	89%	460	96%	315	82%	660	62%	10%	0%	0%		
Mizoram	14	81	17%	90%	72%	142	97%	142	97%	110	71%	126	21%	57%	13%	7%	90%	59%
Nagaland	20	77	11%	94%	85%	323	74%	357	82%	260	70%	408	45%	41%	5%	2%	92%	31%
Orissa	10	556	5%	89%	65%	5350	83%	6312	98%	3817	75%	8221	68%	4%	2%	0%	0%	33%
Puducherry	17	46	15%	89%	74%	164	80%	179	87%	148	95%	0	0%	74%	2%	2%	100%	20%
Punjab	23	462	6%	91%	76%	5091	91%	5408	97%	3945	87%	2419	26%	57%	1%	1%	43%	64%
Rajasthan	29	1150	6%	92%	78%	12050	79%	13530	89%	10171	88%	3776	14%	16%	1%	0%	29%	43%
Sikkim	46	25	9%	89%	75%	176	88%	184	92%	146	96%	162	40%	1%	0%	0%		
Tamil Nadu	13	1534	9%	91%	70%	8411	82%	9971	97%	6989	83%	5585	27%	88%	8%	7%	83%	58%
Tripura	8	9	1%	90%	73%	374	81%	450	97%	305	84%	358	51%	13%	2%	0%	67%	100%
Uttar Pradesh	18	3220	6%	92%	79%	37957	91%	41566	99%	27432	87%	47530	70%	5%	2%	0%	31%	32%
Uttarakhand	24	210	8%	90%	77%	1696	88%	1887	97%	1254	83%	1822	53%	32%	1%	0%		
West Bengal	13	926	5%	90%	66%	11289	81%	12358	89%	9650	83%	6208	26%	43%	3%	1%	60%	54%
Grand Total	16	20438	7%	91%	73%	179059	87%	197191	96%	135832	84%	174907	47%	40%	7%	3%	90%	55%

Estimated New Smear Positive cases / lakh population based on ARTI data for North Zone (Chandigarh, Delhi, Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Uttar Pradesh, Uttarakhand) 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, Lakshadweep, Puducherry, Tamil Nadu) is 75 and West Zone (Chhattisgarh, Dadra & Nagar Haveli, Daman & Diu, Goa, Gujarat, Madhya Pradesh, Maharashtra, Rajasthan) is 80; Orissa is 85, Kerala is 50

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2 Smear positive patients diagnosed include new smear positive cases and smear positive retreatment cases, data from DMCs

3 Total patients registered for treatment includes new sputum smear positive cases, new smear negative cases, new extra-pulmonary cases, new others, relapse, failure, TAD and retreatment others

Treatment Outcome of New cases for 4th quarter 2009

Implementing states	New Smear Positive ¹							New Smear Negative ²						New Extra Pulmonary ²					
	Registered	Cure	Completed	Died	Failure	Defaulted	Trans out	Registered	Completed	Died	Failure	Defaulted	Trans out	Registered	Completed	Died	Failure	Defaulted	Trans out
Andaman & Nicobar	65	83.1%	1.5%	4.6%	4.6%	6.2%	0.0%	49	87.8%	4.1%	0.0%	6.1%	2.0%	58	91.4%	6.9%	0.0%	1.7%	0.0%
Andhra Pradesh	12261	87.2%	1.7%	4.8%	2.4%	3.3%	0.5%	7396	89.7%	4.4%	0.7%	4.5%	0.7%	3252	92.1%	3.3%	0.3%	2.9%	1.4%
Arunachal Pradesh	172	90.1%	0.6%	1.7%	3.5%	3.5%	0.6%	139	89.9%	2.2%	0.7%	6.5%	0.7%	68	89.7%	2.9%	0.0%	5.9%	1.5%
Assam	4100	81.2%	3.8%	3.7%	2.1%	8.7%	0.4%	2703	82.6%	3.3%	1.1%	12.8%	0.3%	1206	87.7%	3.0%	0.5%	8.2%	0.6%
Bihar	8822	79.7%	8.3%	3.0%	1.3%	7.1%	0.5%	6193	90.0%	1.7%	0.4%	7.2%	0.7%	1170	90.3%	1.5%	0.1%	4.2%	3.9%
Chandigarh	220	87.3%	0.0%	4.1%	3.2%	4.1%	1.4%	106	90.6%	1.9%	1.9%	1.9%	3.8%	198	98.0%	0.5%	0.0%	1.0%	0.5%
Chhattisgarh	2803	78.7%	6.8%	4.2%	1.0%	8.8%	0.4%	2547	87.0%	2.2%	0.1%	9.7%	0.9%	875	92.7%	2.2%	0.2%	3.8%	1.1%
D & N Haveli	33	78.8%	0.0%	3.0%	3.0%	15.2%	0.0%	23	87.0%	4.3%	4.3%	4.3%	0.0%	13	84.6%	0.0%	0.0%	7.7%	7.7%
Daman & Diu	21	81.0%	0.0%	9.5%	4.8%	4.8%	0.0%	19	78.9%	5.3%	0.0%	15.8%	0.0%	19	84.2%	5.3%	0.0%	10.5%	0.0%
Delhi	3569	85.2%	0.2%	2.7%	5.0%	4.9%	2.0%	2267	93.3%	1.9%	1.4%	2.9%	0.5%	4165	96.5%	1.1%	0.1%	1.7%	0.7%
Goa	188	84.6%	0.0%	3.2%	5.9%	5.9%	0.5%	109	87.2%	5.5%	1.8%	3.7%	0.0%	151	92.1%	3.3%	0.0%	2.6%	0.7%
Gujarat	8732	87.7%	0.1%	4.4%	2.9%	4.0%	0.8%	2329	89.6%	3.6%	1.1%	5.3%	0.5%	2763	92.6%	2.9%	0.1%	3.7%	0.7%
Haryana	3257	83.7%	1.8%	4.8%	3.1%	6.0%	0.7%	1710	86.7%	3.0%	1.8%	8.2%	0.3%	1511	93.4%	1.8%	0.3%	4.2%	0.3%
Himachal Pradesh	1360	87.2%	1.5%	3.6%	3.7%	3.6%	0.4%	640	90.5%	3.3%	1.3%	4.5%	0.5%	820	93.8%	2.1%	0.2%	3.4%	0.5%
Jammu & Kashmir	1798	90.0%	1.7%	2.9%	1.1%	2.3%	1.8%	533	90.8%	2.3%	0.0%	3.9%	3.0%	754	91.5%	2.4%	0.0%	3.2%	2.9%
Jharkhand	4275	86.8%	3.4%	3.6%	1.2%	4.5%	0.4%	2973	90.8%	2.3%	0.4%	5.9%	0.6%	666	93.8%	1.8%	0.6%	3.2%	0.6%
Karnataka	6476	80.1%	1.2%	7.8%	3.1%	7.0%	0.8%	3662	83.5%	6.5%	0.8%	7.2%	2.0%	3245	88.1%	5.2%	0.2%	5.0%	1.5%
Kerala	2834	82.9%	1.6%	4.6%	5.3%	5.1%	0.5%	1655	91.7%	3.2%	0.2%	4.2%	0.6%	1587	89.4%	3.8%	0.3%	4.5%	2.0%
Lakshadweep	3	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0											
Madhya Pradesh	7809	85.6%	3.5%	4.3%	1.4%	4.5%	0.7%	6378	87.3%	2.3%	0.6%	8.3%	1.5%	2407	91.3%	2.0%	0.1%	4.3%	2.3%
Maharashtra	13305	85.0%	0.9%	6.1%	1.9%	5.0%	1.1%	7862	86.9%	4.3%	0.7%	6.7%	1.4%	6758	90.1%	3.3%	0.2%	4.6%	1.8%
Manipur	233	90.1%	1.7%	3.0%	1.3%	3.4%	0.4%	256	91.8%	3.9%	0.0%	4.3%	0.0%	166	91.0%	4.8%	0.0%	4.2%	0.0%
Meghalaya	377	82.8%	1.1%	4.2%	5.8%	5.0%	1.1%	244	85.2%	4.5%	0.8%	7.4%	2.0%	224	89.7%	1.8%	0.0%	6.3%	2.2%
Mizoram	138	84.8%	4.3%	2.2%	5.1%	3.6%	0.0%	143	91.6%	4.2%	0.0%	3.5%	0.7%	170	94.7%	2.9%	0.0%	2.4%	0.0%
Nagaland	324	91.7%	1.2%	0.9%	4.0%	2.2%	0.0%	219	91.8%	1.8%	0.5%	5.9%	0.0%	171	98.2%	0.6%	0.0%	1.2%	0.0%
Orissa	5592	82.0%	4.5%	5.1%	1.5%	5.7%	1.2%	2920	85.3%	5.2%	0.7%	7.1%	1.6%	2341	90.9%	3.1%	0.4%	4.0%	1.6%
Puducherry	145	82.1%	1.4%	4.1%	5.5%	6.9%	0.0%	71	90.1%	5.6%	0.0%	1.4%	0.0%	72	93.1%	5.6%	0.0%	1.4%	0.0%
Punjab	4124	86.1%	1.6%	4.4%	2.2%	4.1%	1.6%	1676	85.7%	6.6%	0.7%	5.0%	2.1%	1906	92.4%	4.4%	0.3%	1.4%	1.5%
Rajasthan	9506	87.7%	1.4%	3.9%	2.0%	4.6%	0.3%	7675	90.2%	2.6%	1.1%	6.0%	0.1%	3485	94.6%	2.3%	0.1%	2.8%	0.1%
Sikkim	135	84.4%	0.0%	1.5%	11.1%	3.0%	0.0%	69	84.1%	4.3%	11.6%	0.0%	0.0%	90	92.2%	5.6%	0.0%	0.0%	2.2%
Tamil Nadu	8342	86.0%	0.7%	5.6%	1.8%	5.5%	0.3%	5462	92.0%	4.0%	0.3%	3.4%	0.3%	4107	94.6%	3.1%	0.0%	1.8%	0.4%
Tripura	370	87.6%	1.6%	4.3%	2.7%	3.8%	0.0%	124	85.5%	6.5%	0.0%	7.3%	0.8%	98	89.8%	1.0%	0.0%	8.2%	1.0%
Uttar Pradesh	29588	86.7%	2.8%	3.5%	0.9%	5.4%	0.7%	17687	90.0%	1.7%	0.5%	6.9%	0.9%	8002	94.3%	0.9%	0.1%	3.6%	1.0%
Uttarakhand	1323	82.9%	1.6%	4.3%	2.3%	6.8%	2.0%	822	86.5%	2.2%	0.7%	9.0%	1.6%	629	94.3%	0.5%	0.3%	3.8%	1.1%
West Bengal	11722	83.7%	1.2%	4.2%	3.1%	6.9%	0.9%	4880	85.1%	5.0%	0.6%	8.6%	0.8%	4328	87.5%	5.1%	0.3%	4.9%	2.2%
Grand Total	154022	85.1%	2.4%	4.4%	2.1%	5.4%	0.7%	91541	88.6%	3.2%	0.7%	6.6%	0.9%	57475	92.1%	2.8%	0.2%	3.6%	1.3%

1 Treatment success for New Smear Positive is cured and treatment completed.

2 Treatment success for New Smear Negative and New Extra Pulmonary are treatment completed.

**Outcome of Smear Positive Retreatment cases for India
Fourth quarter 2010 (excluding "Others")**

Type of retreatment case	Cured	Success	Died	Failure	Defaulted	Transferred out	No. registered
Relapse	69.0%	74.8%	7.4%	4.9%	11.7%	1.2%	26628
Failure	49.1%	55.5%	9.4%	16.7%	16.6%	1.7%	4454
Treatment after default	60.0%	67.5%	8.8%	3.9%	17.2%	2.5%	17176
Total	64.0%	70.5%	8.1%	5.6%	14.1%	1.7%	48258

State-wise outcome of Smear Positive Retreatment cases Fourth quarter 2009 (excluding "Others")

Implementing states	Relapse							Failure							TAD						
	No. registered	Cured	Success	Died	Failure	Defaulted	Transferred out	No. registered	Cured	Success	Died	Failure	Defaulted	Transferred out	No. registered	Cured	Success	Died	Failure	Defaulted	Transferred out
Andaman & Nicobar		100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	1							5	40.0%	20.0%	20.0%	0.0%	0.0%	20.0%
Andhra Pradesh	1996	71.3%	75.1%	9.6%	6.3%	8.5%	0.6%	452	52.2%	3.8%	11.5%	20.4%	11.1%	1.1%	1492	66.5%	5.6%	11.2%	5.3%	10.4%	1.0%
Arunachal Pradesh	45	75.6%	82.2%	0.0%	13.3%	4.4%	0.0%	13	84.6%	0.0%	7.7%	7.7%	0.0%	0.0%	24	70.8%	16.7%	0.0%	4.2%	8.3%	0.0%
Assam	486	53.7%	62.6%	11.3%	5.1%	20.4%	0.6%	114	42.1%	13.2%	10.5%	14.9%	19.3%	0.0%	275	46.9%	6.9%	8.0%	7.3%	30.2%	0.7%
Bihar	714	67.8%	82.2%	4.6%	2.8%	9.7%	0.7%	141	37.6%	19.9%	10.6%	14.9%	14.2%	2.8%	1001	62.7%	13.7%	5.9%	1.8%	14.2%	1.7%
Chandigarh	65	69.2%	69.2%	6.2%	6.2%	13.8%	4.6%	5	20.0%	0.0%	20.0%	40.0%	0.0%	20.0%	17	58.8%	0.0%	17.6%	5.9%	17.6%	0.0%
Chhattisgarh	229	55.5%	72.5%	5.2%	4.8%	17.0%	0.4%	37	59.5%	10.8%	5.4%	5.4%	18.9%	0.0%	165	44.8%	20.0%	9.7%	3.0%	21.8%	0.6%
D & N Haveli	9	77.8%	77.8%	0.0%	0.0%	11.1%	11.1%	2	50.0%	0.0%	0.0%	50.0%	0.0%	0.0%	8	12.5%	0.0%	37.5%	25.0%	25.0%	0.0%
Daman & Diu	7	57.1%	71.4%	14.3%	0.0%	14.3%	0.0%	3	33.3%	0.0%	0.0%	33.3%	0.0%	33.3%	3	33.3%	33.3%	0.0%	33.3%	0.0%	0.0%
Delhi	1099	73.9%	74.6%	5.3%	7.7%	9.6%	2.7%	158	52.5%	0.6%	8.2%	21.5%	12.7%	4.4%	542	67.0%	1.1%	8.1%	6.8%	13.7%	3.3%
Goa	41	65.9%	68.3%	7.3%	17.1%	7.3%	0.0%	5	60.0%	0.0%	20.0%	0.0%	20.0%	0.0%	16	43.8%	0.0%	6.3%	12.5%	37.5%	0.0%
Gujarat	2232	70.9%	71.8%	8.2%	7.5%	12.0%	0.6%	270	42.2%	1.9%	10.0%	22.2%	21.9%	1.5%	1484	61.3%	1.3%	9.4%	6.1%	19.2%	2.6%
Haryana	966	71.5%	77.0%	6.8%	4.7%	11.1%	0.4%	181	50.8%	5.5%	9.4%	17.7%	16.6%	0.0%	620	58.7%	9.2%	9.5%	3.4%	19.2%	0.0%
Himachal Pradesh	504	74.0%	80.0%	5.2%	6.5%	7.9%	0.4%	54	51.9%	3.7%	7.4%	24.1%	13.0%	0.0%	69	50.7%	7.2%	15.9%	4.3%	20.3%	1.4%
Jammu & Kashmir	369	78.3%	82.1%	5.7%	4.1%	5.4%	2.7%	19	52.6%	0.0%	5.3%	5.3%	21.1%	15.8%	76	61.8%	2.6%	5.3%	3.9%	17.1%	9.2%
Jharkhand	324	72.2%	79.9%	5.2%	1.5%	11.7%	1.5%	61	44.3%	11.5%	11.5%	9.8%	16.4%	6.6%	332	68.4%	9.6%	6.9%	2.4%	10.5%	2.1%
Karnataka	1076	60.4%	65.1%	10.7%	7.1%	14.4%	2.8%	251	44.6%	4.0%	9.2%	17.5%	22.3%	2.4%	994	45.2%	5.0%	14.7%	6.0%	24.5%	4.5%
Kerala	281	71.9%	75.8%	8.5%	6.0%	8.2%	1.4%	174	64.4%	5.7%	5.2%	12.1%	12.6%	0.0%	131	42.7%	7.6%	10.7%	9.2%	27.5%	2.3%
Lakshadweep	0							0							0						
Madhya Pradesh	1263	63.7%	77.0%	5.7%	4.0%	11.0%	2.3%	242	47.9%	16.5%	8.3%	12.8%	14.5%	0.0%	1000	51.4%	17.2%	8.8%	2.9%	16.6%	3.1%
Maharashtra	2490	63.0%	67.2%	9.4%	5.9%	15.8%	1.7%	417	43.4%	6.2%	11.3%	17.7%	18.2%	2.4%	1156	58.4%	5.0%	9.6%	3.1%	21.3%	2.6%
Manipur	34	61.8%	70.6%	0.0%	5.9%	20.6%	2.9%	6	33.3%	0.0%	16.7%	33.3%	16.7%	0.0%	20	65.0%	15.0%	0.0%	5.0%	15.0%	0.0%
Meghalaya	71	57.7%	63.4%	5.6%	14.1%	15.5%	1.4%	41	34.1%	7.3%	7.3%	29.3%	9.8%	12.2%	37	48.6%	13.5%	2.7%	5.4%	24.3%	5.4%
Mizoram	48	70.8%	83.3%	6.3%	6.3%	4.2%	0.0%	8	62.5%	0.0%	0.0%	12.5%	25.0%	0.0%	4	0.0%	0.0%	50.0%	0.0%	50.0%	0.0%
Nagaland	62	74.2%	79.0%	6.5%	8.1%	4.8%	1.6%	10	90.0%	0.0%	0.0%	10.0%	0.0%	0.0%	26	84.6%	11.5%	0.0%	0.0%	3.8%	0.0%
Orissa	481	55.7%	70.5%	10.0%	4.0%	15.4%	0.2%	108	47.2%	7.4%	9.3%	13.0%	20.4%	2.8%	423	44.9%	14.9%	8.5%	3.8%	22.9%	5.0%
Puducherry	29	72.4%	82.8%	10.3%	3.4%	3.4%	0.0%	7	71.4%	0.0%	14.3%	14.3%	0.0%	0.0%	16	62.5%	0.0%	0.0%	6.3%	25.0%	6.3%
Punjab	1111	69.2%	76.7%	6.8%	4.1%	9.2%	3.9%	107	57.0%	10.3%	15.0%	7.5%	8.4%	1.9%	315	53.0%	10.2%	7.9%	4.8%	16.5%	7.6%
Rajasthan	2539	71.4%	78.4%	6.9%	3.3%	11.2%	0.2%	350	58.0%	7.1%	8.3%	12.3%	13.7%	0.6%	1827	69.4%	6.3%	7.9%	3.8%	11.9%	0.7%
Sikkim	39	74.4%	74.4%	0.0%	12.8%	5.1%	7.7%	17	29.4%	0.0%	17.6%	47.1%	5.9%	0.0%	7	57.1%	0.0%	0.0%	28.6%	14.3%	0.0%
Tamil Nadu	1237	64.8%	69.7%	8.8%	5.1%	15.4%	1.1%	178	44.9%	3.9%	11.8%	16.3%	22.5%	0.6%	760	52.6%	7.1%	10.8%	3.8%	24.9%	0.8%
Tripura	40	77.5%	77.5%	10.0%	2.5%	10.0%	0.0%	6	66.7%	0.0%	33.3%	0.0%	0.0%	0.0%	10	50.0%	10.0%	0.0%	20.0%	20.0%	0.0%
Uttar Pradesh	4593	74.4%	81.1%	6.2%	2.2%	9.8%	0.6%	472	56.8%	8.1%	6.6%	9.1%	18.9%	0.6%	3289	66.3%	8.1%	6.4%	2.1%	13.7%	3.4%
Uttarakhand	378	70.4%	75.7%	5.6%	3.7%	12.7%	2.4%	52	55.8%	7.7%	9.6%	7.7%	15.4%	3.8%	191	63.4%	3.1%	6.8%	2.1%	18.3%	6.3%
West Bengal	1760	67.4%	71.3%	7.6%	5.7%	14.0%	1.4%	492	40.0%	3.3%	8.9%	25.0%	19.7%	2.8%	841	48.4%	6.3%	10.1%	3.9%	27.7%	3.6%
Grand Total	26628	69.0%	74.8%	7.4%	4.9%	11.7%	1.2%	4454	49.1%	6.4%	9.4%	16.7%	16.6%	1.7%	17176	60.0%	7.5%	8.8%	3.9%	17.2%	2.5%

Programme infrastructure, Staffing and Training status in 1st quarter 2011

Implementing states	Total no. of reporting units (Districts / DTC)	Implementing district details		Involvement of Other sectors			Number of key staff in position						In Place and trained in RNTCP	
		No. of TB Units	No. of DMCs	NGO	PP	Medical College	DTO	2nd MO	MO-TC	STS	STLS	LT	MO	Para Staff
Andaman & Nicobar	1	3	13	0	0	0	1	0	3	3	3	26	93%	87%
Andhra Pradesh	24	178	920	118	138	33	17	20	171	176	175	882	73%	86%
Arunachal Pradesh	13	13	33	17	0	0	13	1	5	13	13	44	69%	61%
Assam	23	68	342	40	18	4	23	6	52	64	66	425	81%	64%
Bihar	38	174	714	8	3	7	28	30	148	146	145	642	77%	73%
Chandigarh	1	3	17	8	117	2	1	1	3	3	5	17	100%	100%
Chhattisgarh	16	63	302	13	0	3	15	0	45	43	54	286	81%	88%
D & N Haveli	1	1	5	0	5	0	1	0	1	1	1	5	100%	100%
Daman & Diu	2	2	4	0	3	0	2	1	2	2	2	4	100%	100%
Delhi	24	43	194	80	77	6	24	15	22	45	40	191	94%	73%
Goa	2	4	20	5	16	1	2	0	4	2	4	20	100%	100%
Gujarat	30	138	729	155	3889	15	17	16	135	137	138	696	96%	90%
Haryana	21	47	226	9	136	4	18	7	46	43	43	235	77%	72%
Himachal Pradesh	12	41	168	3	40	2	12	3	36	40	41	205	79%	80%
Jammu & Kashmir	14	42	174	6	13	5	15	9	32	42	41	230	90%	81%
Jharkhand	24	70	293	47	15	3	23	13	58	71	72	402	84%	85%
Karnataka	31	125	645	52	308	39	27	9	128	120	123	631	85%	80%
Kerala	14	73	482	73	14	19	13	8	56	71	73	567	78%	68%
Lakshadweep	1	1	9	2	0	0	1	0	0	1	1	13	56%	100%
Madhya Pradesh	50	145	738	48	79	11	48	10	117	135	139	750	88%	83%
Maharashtra	55	270	1314	272	4687	42	55	49	257	260	254	1273	75%	85%
Manipur	9	13	51	175	13	2	9	4	3	13	17	52	58%	53%
Meghalaya	7	12	56	20	0	1	7	2	11	12	12	59	65%	67%
Mizoram	8	9	30	0	0	0	8	1	4	9	9	37	76%	91%
Nagaland	11	13	42	42	17	0	11	0	3	13	13	48	77%	63%
Orissa	31	109	528	66	2	5	31	9	104	106	95	512	86%	88%
Puducherry	1	4	23	4	4	9	1	0	4	5	5	22	71%	94%
Punjab	20	57	291	72	378	8	20	5	52	55	55	288	81%	70%
Rajasthan	33	150	825	85	227	9	32	10	129	145	142	803	88%	81%
Sikkim	4	5	21	5	4	1	4	0	4	5	5	21	95%	92%
Tamil Nadu	31	146	790	98	109	21	24	21	112	135	132	697	84%	95%
Tripura	4	10	53	5	0	2	4	2	8	10	10	60	96%	95%
Uttar Pradesh	71	393	1853	277	208	22	67	49	365	376	353	1961	72%	60%
Uttarakhand	13	30	143	15	15	4	11	5	24	29	28	152	62%	59%
West Bengal	19	189	841	137	16	10	18	10	178	194	200	1004	88%	70%
Grand Total	659	2644	12889	1957	10551	290	603	316	2322	2525	2509	13260	81%	79%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Andaman & Nicobar	Andaman & Nicobar Islands *	5	1271	257	10%	89	14	43%	72	62	233	189	48	57	57	27	19
Andhra Pradesh	Adilabad *	28	3184	115	10%	480	7	20%	69	68	895	129	54	46	10	18	15
Andhra Pradesh	Anantapur	41	7554	186	2%	986	8	-1%	97	79	1400	138	63	34	16	24	17
Andhra Pradesh	Bhadrachalam	9	1925	221	8%	315	6	-2%	145	110	386	177	84	45	6	41	30
Andhra Pradesh	Chittoor	42	8100	194	28%	1112	7	6%	106	67	1238	118	54	26	16	22	14
Andhra Pradesh	Cuddapah	29	5474	190	18%	559	10	19%	78	76	1126	156	55	46	18	37	23
Andhra Pradesh	East Godavari	55	11289	207	5%	1105	10	1%	81	70	1921	141	58	40	21	23	14
Andhra Pradesh	Guntur	49	11110	225	-12%	1519	7	-14%	123	95	1959	159	74	39	12	34	23
Andhra Pradesh	Hyderabad	41	12536	304	24%	1718	7	6%	167	79	1788	173	64	27	51	31	17
Andhra Pradesh	Karimnagar	39	5961	153	8%	801	7	-4%	82	71	1056	109	53	22	7	26	20
Andhra Pradesh	Khammam	20	3631	182	2%	649	6	-2%	130	108	760	152	83	25	10	35	29
Andhra Pradesh	Krishna	47	7936	168	1%	1056	8	-5%	89	71	1471	125	56	31	14	24	17
Andhra Pradesh	Kurnool	39	6566	167	18%	798	8	6%	81	72	1520	155	56	48	15	36	21
Andhra Pradesh	Mahbubnagar	39	5105	130	-2%	777	7	-14%	79	70	1071	109	55	17	12	25	18
Andhra Pradesh	Medak	30	3221	108	4%	500	6	7%	67	67	763	102	49	19	11	23	18
Andhra Pradesh	Nalgonda	36	4095	113	5%	797	5	1%	88	71	1009	111	51	22	13	25	21
Andhra Pradesh	Nellore	30	5894	198	16%	775	8	2%	104	82	1023	137	61	36	8	31	23
Andhra Pradesh	Nizamabad	26	4236	162	6%	549	8	-8%	84	78	722	110	65	18	10	18	14
Andhra Pradesh	Prakasam	34	5803	170	13%	693	8	-1%	81	80	1032	121	60	27	6	28	21
Andhra Pradesh	Rangareddi	39	5576	142	2%	1030	5	-10%	105	84	1447	148	64	26	28	30	21
Andhra Pradesh	Srikakulam	28	4808	170	9%	506	10	2%	72	68	1048	148	56	58	8	26	15
Andhra Pradesh	Visakhapatnam	42	8773	207	-2%	975	9	2%	92	74	1397	132	61	30	21	20	14
Andhra Pradesh	Vizianagaram	25	5323	212	9%	595	9	-3%	95	87	939	150	69	26	25	30	21
Andhra Pradesh	Warangal	36	5402	149	-6%	812	7	-5%	90	67	933	103	46	22	9	26	22
Andhra Pradesh	West Godavari	42	7479	176	18%	938	8	1%	88	83	1465	138	63	34	11	29	20
Arunachal Pradesh	Changlang **	1	268	189	40%	30	9	-52%	84	98	50	141	82	23	11	25	23
Arunachal Pradesh	Dibang Valley	1	76	116	-46%	9	8	-27%	55	79	15	92	55	12	0	24	24
Arunachal Pradesh	East Kameng *	1	150	231	63%	20	8	-58%	123	68	42	259	37	55	31	136	37
Arunachal Pradesh	East Siang *	1	186	187	-28%	20	9	-15%	80	80	38	153	64	32	16	40	32
Arunachal Pradesh	Lohit **	2	250	153	13%	25	10	48%	61	56	56	137	44	39	10	44	15
Arunachal Pradesh	Lower Subansiri *	1	155	140	26%	16	10	-19%	58	76	36	130	32	32	11	54	43
Arunachal Pradesh	Papum Pare *	1	714	516	-19%	99	7	-21%	286	153	131	378	98	101	64	116	69
Arunachal Pradesh	Tawang *	0.4	77	195	-12%	11	7	-67%	111	122	20	203	91	20	41	51	30
Arunachal Pradesh	Tirap †	1	208	182	-6%	26	8	-26%	91	91	54	189	70	35	42	42	21
Arunachal Pradesh	Upper Siang *	0.4	100	265	21%	13	8	-34%	138	127	15	159	106	21	11	21	21
Arunachal Pradesh	Upper Subansiri *	1	116	185	11%	14	8	-11%	90	77	26	166	45	26	19	77	38
Arunachal Pradesh	West Kameng *	1	117	138	0%	18	7	-20%	85	66	29	137	66	52	19	0	0
Arunachal Pradesh	West Siang *	1	116	98	-5%	12	10	6%	41	54	28	95	37	0	10	41	20
Assam	Barpeta	19	1628	86	-5%	210	8	-4%	45	41	405	86	32	26	7	20	10
Assam	Bongaigaon	10	1387	133	-13%	177	8	7%	68	62	277	107	53	25	7	22	9
Assam	Cachar	17	1934	117	-21%	224	9	12%	54	39	486	117	36	44	28	10	5
Assam	Darrang	17	1723	100	-8%	244	7	-5%	57	52	436	101	44	30	11	16	10
Assam	Dhemaji	7	664	102	7%	112	6	23%	69	65	157	96	52	18	9	17	13
Assam	Dhubri	19	1828	97	4%	267	7	1%	57	51	528	113	40	36	4	32	13

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Andaman & Nicobar	Andaman & Nicobar Islands *	12	6%	91%	81%	85%	88%	80	98%	70	85%	64	96%	34	15%
Andhra Pradesh	Adilabad *	26	3%	91%	64%	92%	73%	441	91%	483	100%	315	87%	877	98%
Andhra Pradesh	Anantapur	41	4%	90%	73%	87%	66%	715	88%	793	97%	520	79%	1257	90%
Andhra Pradesh	Bhadrachalam	4	1%	88%	70%	89%	75%	226	91%	242	97%	130	65%	270	70%
Andhra Pradesh	Chittoor	38	4%	90%	67%	88%	61%	679	95%	710	99%	501	84%	1042	84%
Andhra Pradesh	Cuddapah	29	3%	91%	65%	90%	76%	487	87%	542	96%	336	85%	987	88%
Andhra Pradesh	East Godavari	89	6%	95%	88%	88%	73%	852	88%	950	98%	687	85%	1723	90%
Andhra Pradesh	Guntur	47	3%	94%	84%	90%	74%	1109	93%	1191	100%	848	87%	1562	80%
Andhra Pradesh	Hyderabad	180	12%	90%	70%	86%	60%	795	95%	832	100%	631	98%	784	44%
Andhra Pradesh	Karimnagar	20	2%	92%	73%	89%	75%	649	92%	697	98%	470	89%	880	83%
Andhra Pradesh	Khammam	22	4%	91%	83%	86%	75%	496	89%	559	100%	299	71%	658	87%
Andhra Pradesh	Krishna	52	4%	92%	76%	90%	70%	766	89%	839	97%	582	80%	671	46%
Andhra Pradesh	Kurnool	60	5%	91%	66%	85%	69%	619	82%	759	100%	413	67%	1443	95%
Andhra Pradesh	Mahbubnagar	50	6%	91%	81%	87%	70%	663	92%	697	97%	491	84%	993	93%
Andhra Pradesh	Medak	40	7%	89%	59%	88%	62%	473	94%	485	97%	291	75%	678	89%
Andhra Pradesh	Nalgonda	35	4%	91%	71%	92%	78%	591	91%	630	96%	446	81%	959	95%
Andhra Pradesh	Neelore	25	3%	91%	72%	86%	56%	566	90%	629	100%	365	83%	1023	100%
Andhra Pradesh	Nizamabad	25	4%	90%	70%	89%	70%	481	93%	501	97%	363	88%	644	89%
Andhra Pradesh	Prakasam	27	3%	90%	74%	91%	80%	607	87%	689	99%	549	96%	1019	99%
Andhra Pradesh	Rangareddi	99	9%	92%	78%	86%	70%	805	96%	834	100%	606	92%	1309	90%
Andhra Pradesh	Srikakulam	53	6%	93%	71%	94%	80%	423	85%	477	96%	270	74%	932	89%
Andhra Pradesh	Visakhapatnam	75	6%	95%	84%	92%	74%	736	92%	794	100%	632	89%	1308	94%
Andhra Pradesh	Vizianagaram	73	10%	93%	82%	91%	78%	494	88%	546	97%	400	84%	848	90%
Andhra Pradesh	Warangal	14	2%	92%	81%	88%	76%	548	89%	577	94%	442	86%	933	100%
Andhra Pradesh	West Godavari	47	4%	96%	88%	93%	85%	865	98%	886	100%	564	77%	892	61%
Arunachal Pradesh	Changlang **	1	2%	94%	67%	100%	75%	28	76%	35	95%	16	94%	28	56%
Arunachal Pradesh	Dibang Valley	2	18%	83%	100%	93%	100%	13	100%	13	100%	19	100%	1	7%
Arunachal Pradesh	East Kameng *	3	15%	100%	0%	80%	75%	12	100%	12	100%	2	40%	0	0%
Arunachal Pradesh	East Siang *	2	7%	93%	67%	91%	71%	23	96%	21	88%	20	80%	14	37%
Arunachal Pradesh	Lohit **	0	0%	78%	75%	96%	90%	24	100%	24	100%	32	100%	12	21%
Arunachal Pradesh	Lower Subansiri *	5	24%	100%	67%	80%	100%	21	100%	21	100%	6	86%	8	22%
Arunachal Pradesh	Papum Pare *	14	15%	100%	92%	91%	83%	56	97%	58	100%	48	100%	80	61%
Arunachal Pradesh	Tawang *	1	7%	100%	100%	75%	100%	11	92%	12	100%	7	100%	3	15%
Arunachal Pradesh	Tirap †	3	7%	75%	63%	75%	100%	25	96%	24	92%	10	83%	30	56%
Arunachal Pradesh	Upper Siang *	3	23%	86%	100%	100%	67%	12	100%	12	100%	6	67%	1	7%
Arunachal Pradesh	Upper Subansiri *	0	0%	88%	100%	91%	100%	10	77%	13	100%	13	100%	2	8%
Arunachal Pradesh	West Kameng *	3	10%	82%	100%	92%	100%	14	100%	14	100%	8	73%	7	24%
Arunachal Pradesh	West Siang *	2	13%	100%	80%	100%	71%	17	100%	17	100%	11	92%	0	0%
Assam	Barpeta	5	2%	84%	46%	86%	61%	160	81%	197	99%	127	72%	21	5%
Assam	Bongaigaon	5	2%	90%	74%	86%	61%	139	86%	132	82%	60	38%	38	14%
Assam	Cachar	16	4%	90%	69%	83%	62%	138	83%	164	98%	125	67%	249	51%
Assam	Darrang	6	2%	88%	68%	86%	52%	199	85%	229	98%	177	85%	196	45%
Assam	Dhemaji	5	4%	88%	70%	84%	75%	94	88%	107	100%	74	81%	63	40%
Assam	Dhubri	8	2%	90%	64%	91%	70%	203	81%	218	87%	150	71%	315	60%

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Assam	Dibrugarh	13	1793	133	4%	341	5	10%	101	68	513	153	56	26	51	20	13
Assam	Goalpara	9	996	106	5%	112	9	51%	47	45	186	79	39	22	4	14	7
Assam	Golaghat	11	1216	112	13%	172	7	9%	63	59	313	115	53	28	20	14	6
Assam	Hailakandi	6	823	132	-13%	79	10	13%	51	48	137	88	41	19	12	16	8
Assam	Jorhat	12	1643	142	32%	192	9	23%	66	58	352	122	46	32	24	19	13
Assam	Kamrup	29	3850	133	0%	609	6	2%	84	65	923	128	44	31	14	39	24
Assam	Karbi Anglong *	9	1005	108	3%	160	6	-20%	69	58	335	144	51	55	12	25	8
Assam	Karimganj	12	1379	120	-7%	113	12	30%	39	34	250	87	31	23	16	18	5
Assam	Kokrajhar	11	1062	99	10%	199	5	23%	75	57	234	88	51	21	1	15	7
Assam	Lakhimpur	10	822	81	-7%	140	6	-19%	55	52	211	83	44	19	6	13	8
Assam	Marigaon	9	1043	117	15%	110	9	3%	49	43	198	89	37	26	4	22	9
Assam	Nagaon	27	3194	120	10%	384	8	2%	58	47	617	93	41	28	7	16	6
Assam	Nalbari	13	1178	90	19%	150	8	5%	46	48	296	91	40	20	10	21	10
Assam	North Cachar Hills *	2	272	127	-16%	38	7	-35%	71	64	68	127	47	45	9	26	19
Assam	Sibsagar	12	1145	95	-11%	210	5	-12%	70	57	355	118	44	25	24	24	13
Assam	Sonitpur	19	2462	128	-8%	425	6	2%	88	75	626	130	64	32	14	21	14
Assam	Tinsukia	13	1749	133	-26%	382	5	-25%	116	91	556	169	74	25	45	25	19
Bihar	Araria **	25	2237	89	26%	283	8	-7%	45	37	438	70	32	22	3	13	6
Bihar	Arwal	7	928	129	11%	94	10	52%	52	46	123	69	37	18	1	13	9
Bihar	Aurangabad-BI **	24	2295	97	9%	207	11	17%	35	31	323	55	25	12	4	14	7
Bihar	Banka **	19	1881	99	-6%	188	10	2%	40	40	368	78	33	21	1	23	7
Bihar	Begusarai **	28	3551	129	16%	412	9	19%	60	55	739	107	43	37	4	23	13
Bihar	Bhagalpur **	29	5161	180	-1%	562	9	0%	78	65	898	125	55	39	11	20	10
Bihar	Bhojpur **	26	1822	69	8%	213	9	-35%	32	26	333	51	17	11	3	20	10
Bihar	Buxar	17	1281	77	-28%	108	12	1%	26	26	229	55	19	20	3	14	7
Bihar	Darbhanga **	39	4330	112	11%	525	8	-11%	54	45	723	75	36	12	11	16	10
Bihar	Gaya **	41	4900	120	133%	365	13	96%	36	28	986	97	24	35	5	17	4
Bihar	Gopalganj **	25	2711	107	18%	237	11	50%	37	32	360	57	25	13	3	16	8
Bihar	Jamui **	16	1096	67	-19%	118	9	64%	29	27	328	80	24	31	3	22	4
Bihar	Jehanabad **	11	1260	118	1%	146	9	13%	55	49	229	86	38	25	4	20	12
Bihar	Kaimur **	15	1200	79	22%	132	9	9%	35	32	240	63	24	16	1	23	7
Bihar	Katihar **	28	3751	133	25%	547	7	6%	78	65	575	82	55	8	3	16	11
Bihar	Khagaria **	15	1597	106	-15%	167	10	-17%	44	42	233	62	34	13	2	14	9
Bihar	Kishanganj **	15	1541	101	12%	199	8	-6%	52	51	247	65	45	6	4	11	7
Bihar	Lakhisarai **	9	1026	109	-7%	91	11	-7%	39	35	157	66	27	13	8	19	8
Bihar	Madhepura **	18	3941	219	116%	286	14	40%	64	58	336	75	49	11	1	13	10
Bihar	Madhubani **	42	4423	105	-7%	464	10	16%	44	38	578	55	34	11	2	8	4
Bihar	Munger **	13	2195	164	35%	201	11	51%	60	58	341	102	49	27	12	13	10
Bihar	Muzaffarpur **	44	5286	120	13%	619	9	0%	56	51	1272	115	40	42	8	24	11
Bihar	Nalanda **	28	2346	84	1%	283	8	12%	41	34	381	55	31	15	3	5	3
Bihar	Nawada **	21	1459	68	21%	170	9	46%	32	30	230	43	24	9	1	10	6
Bihar	Pashchim Champaran **	36	3259	91	-16%	502	6	-22%	56	52	585	65	46	9	2	8	6
Bihar	Patna	56	6015	108	-2%	706	9	1%	51	36	1340	97	27	34	13	23	9
Bihar	Purba Champaran **	46	3277	71	15%	431	8	-9%	37	31	574	50	28	14	2	5	3
Bihar	Purnia **	30	5990	200	13%	623	10	7%	83	69	778	104	58	24	4	18	11

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Assam	Dibrugarh	46	10%	93%	78%	90%	66%	217	93%	209	89%	205	91%	149	29%
Assam	Goalpara	3	2%	89%	62%	81%	35%	101	94%	108	100%	120	92%	45	24%
Assam	Golaghat	24	9%	89%	70%	88%	55%	142	88%	149	93%	115	82%	120	38%
Assam	Hailakandi	6	5%	89%	56%	77%	75%	44	57%	76	99%	41	55%	24	18%
Assam	Jorhat	19	6%	86%	51%	83%	48%	166	97%	171	100%	132	97%	122	35%
Assam	Kamrup	27	4%	88%	74%	87%	56%	435	89%	472	97%	286	76%	210	23%
Assam	Karbi Anglong *	6	2%	83%	42%	83%	63%	129	94%	135	99%	48	57%	148	44%
Assam	Karimganj	6	3%	91%	61%	82%	71%	85	83%	102	100%	56	61%	88	35%
Assam	Kokrajhar	3	2%	80%	44%	84%	43%	113	73%	136	88%	115	79%	98	42%
Assam	Lakhimpur	8	4%	92%	64%	91%	62%	123	92%	132	99%	101	83%	142	67%
Assam	Marigaon	3	2%	82%	70%	71%	32%	71	70%	87	86%	42	84%	38	19%
Assam	Nagaon	11	2%	90%	71%	87%	73%	244	77%	306	97%	230	83%	150	24%
Assam	Nalbari	8	4%	87%	67%	86%	47%	146	90%	162	100%	89	65%	106	36%
Assam	North Cachar Hills *	0	0%	87%	60%	78%	67%	33	94%	35	100%	11	38%	13	19%
Assam	Sibsagar	29	10%	85%	69%	75%	55%	144	83%	163	94%	95	73%	140	39%
Assam	Sonitpur	31	6%	82%	59%	83%	65%	331	88%	372	99%	263	84%	166	27%
Assam	Tinsukia	42	9%	87%	73%	87%	67%	266	87%	216	71%	235	85%	98	18%
Bihar	Araria **	33	9%	88%	69%	82%	67%	191	80%	233	97%	147	80%	69	16%
Bihar	Arwal	5	5%	89%	76%	92%	92%	78	94%	83	100%	69	97%	69	56%
Bihar	Aurangabad-BI **	15	6%	86%	75%	79%	66%	170	89%	154	81%	137	90%	297	92%
Bihar	Banka **	15	6%	72%	54%	89%	82%	176	92%	180	94%	76	81%	2	1%
Bihar	Begusarai **	43	7%	93%	82%	94%	90%	362	94%	383	99%	301	79%	697	94%
Bihar	Bhagalpur **	79	10%	92%	74%	88%	73%	446	95%	468	100%	346	94%	165	18%
Bihar	Bhojpur **	7	3%	84%	53%	71%	66%	99	56%	148	84%	87	96%	18	5%
Bihar	Buxar	13	8%	93%	86%	91%	76%	106	97%	109	100%	79	70%	177	77%
Bihar	Darbhanga **	51	9%	93%	77%	89%	68%	418	95%	440	100%	301	93%	630	87%
Bihar	Gaya **	38	5%	66%	67%	91%	85%	202	72%	252	89%	111	68%	768	78%
Bihar	Gopalganj **	14	5%	93%	82%	91%	87%	189	91%	207	100%	226	90%	338	94%
Bihar	Jamui **	14	6%	78%	61%	74%	70%	82	71%	112	97%	49	55%	293	89%
Bihar	Jehanabad **	10	6%	88%	70%	88%	79%	123	93%	127	96%	115	91%	227	99%
Bihar	Kaimur **	8	5%	86%	73%	74%	55%	106	88%	120	100%	61	63%	105	44%
Bihar	Katihar **	27	6%	88%	67%	84%	64%	385	83%	464	100%	352	100%	488	85%
Bihar	Khagaria **	11	6%	84%	65%	82%	60%	146	92%	159	100%	71	70%	20	9%
Bihar	Kishanganj **	8	4%	91%	74%	87%	94%	182	93%	195	100%	129	82%	214	87%
Bihar	Lakhisarai **	9	8%	86%	89%	92%	82%	83	100%	82	99%	50	75%	74	47%
Bihar	Madhepura **	14	5%	92%	93%	94%	84%	255	97%	263	100%	125	89%	11	3%
Bihar	Madhubani **	24	5%	90%	75%	84%	74%	369	93%	393	99%	291	73%	423	73%
Bihar	Munger **	19	6%	89%	57%	90%	82%	182	92%	197	100%	99	63%	292	86%
Bihar	Muzaffarpur **	62	6%	90%	81%	90%	86%	383	68%	509	91%	224	69%	802	63%
Bihar	Nalanda **	27	8%	95%	73%	97%	91%	223	93%	229	96%	225	89%	333	87%
Bihar	Nawada **	10	6%	98%	88%	92%	86%	149	94%	142	90%	128	88%	169	73%
Bihar	Pashchim Champaran **	19	4%	94%	83%	94%	96%	434	93%	457	98%	333	88%	278	48%
Bihar	Patna	100	10%	87%	67%	88%	68%	395	78%	466	92%	291	64%	115	9%
Bihar	Purba Champaran **	12	2%	91%	72%	95%	87%	320	88%	363	100%	230	78%	59	10%
Bihar	Purnia **	35	5%	89%	80%	90%	85%	475	92%	512	99%	421	94%	730	94%

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [[from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Bihar	Rohtas	29	4192	145	26%	411	10	17%	57	52	480	66	44	9	2	12	8
Bihar	Saharsa **	18	2269	128	1%	211	11	-1%	48	43	354	80	41	27	3	9	2
Bihar	Samastipur **	40	5144	128	34%	608	8	38%	60	48	1011	100	39	35	8	18	10
Bihar	Saran **	38	2487	65	17%	260	10	23%	27	25	511	53	20	18	4	12	5
Bihar	Sheikhpura **	6	966	156	19%	61	16	20%	39	25	135	87	22	40	2	5	3
Bihar	Sheohar	6	600	99	12%	70	9	16%	46	42	216	142	25	76	5	36	18
Bihar	Sitamarhi **	31	3938	125	22%	526	7	13%	67	57	701	89	49	21	6	13	8
Bihar	Siwan	32	3299	103	-10%	377	9	17%	47	43	732	92	33	24	1	34	10
Bihar	Supaul **	21	1972	96	30%	189	10	-29%	37	35	295	57	30	12	1	15	6
Bihar	Vaishali **	32	3897	122	16%	358	11	3%	45	39	867	108	30	52	3	23	10
Chandigarh	Chandigarh	14	4376	304	-5%	556	8	-14%	155	87	630	175	64	13	61	37	24
Chhattisgarh	Bastar *	15	1602	105	11%	214	7	-18%	56	43	433	114	35	44	19	15	8
Chhattisgarh	Bilaspur-CG	23	3062	132	13%	341	9	3%	59	56	696	120	47	35	22	16	10
Chhattisgarh	Dantewada *	8	1045	125	22%	164	6	-11%	78	70	245	117	62	32	8	15	8
Chhattisgarh	Dhamtari	8	853	104	-8%	107	8	-29%	52	47	192	94	43	35	7	8	5
Chhattisgarh	Durg	33	3493	107	-18%	327	11	2%	40	35	884	108	31	46	20	11	5
Chhattisgarh	Janjgir	15	2153	140	27%	214	10	-7%	56	59	490	128	51	52	7	18	8
Chhattisgarh	Jashpur *	9	503	58	-4%	69	7	-20%	32	19	142	66	16	36	6	4	4
Chhattisgarh	Kanker *	8	1312	173	27%	144	9	13%	76	66	247	130	61	46	13	10	7
Chhattisgarh	Kawardha **	7	542	79	49%	62	9	0%	36	30	93	55	23	15	5	11	7
Chhattisgarh	Korba	12	1609	136	6%	168	10	17%	57	53	394	133	48	49	24	12	4
Chhattisgarh	Koriya **	7	688	101	10%	65	11	-4%	38	31	163	95	28	43	9	16	5
Chhattisgarh	Mahasamund	10	1214	121	63%	132	9	-1%	53	53	288	115	49	47	10	9	5
Chhattisgarh	Raigarh-CG **	15	1369	93	21%	206	7	20%	56	50	402	109	44	46	9	11	7
Chhattisgarh	Raipur	35	4667	133	-1%	555	8	-4%	63	56	1069	122	49	39	21	13	8
Chhattisgarh	Rajnandgaon	15	1861	124	1%	249	7	1%	67	66	489	131	56	40	18	17	10
Chhattisgarh	Surguja †	23	2372	103	6%	258	9	13%	45	41	663	115	37	52	8	18	4
D & N Haveli	Dadra & Nagar Haveli †	4	610	172	13%	65	9	42%	73	54	95	107	44	18	25	20	12
Daman & Diu	Daman	2	573	294	33%	37	15	25%	76	47	62	127	37	33	10	47	10
Daman & Diu	Diu	0,8	207	275	-23%	6	35	26%	32	21	13	69	16	27	21	5	5
Delhi	BJRM Chest Clinic	5	1284	237	3%	181	7	-28%	133	111	341	251	76	39	75	60	37
Delhi	BSA Chest Clinic	5	831	153	23%	124	7	-21%	91	91	369	272	65	72	85	50	29
Delhi	CD Chest Clinic	5	887	163	-1%	128	7	-28%	94	62	255	188	46	36	69	35	17
Delhi	DDU Chest Clinic	21	3641	177	12%	505	7	-18%	98	93	1342	260	66	42	97	55	29
Delhi	GTB Chest Clinic	7	2073	318	-17%	297	7	-22%	182	128	555	341	89	50	115	87	43
Delhi	Gulabi Bagh	11	1643	151	-6%	202	8	-3%	74	56	440	162	39	39	53	30	19
Delhi	Hedgewar Chest Clinic	5	1016	187	11%	142	7	-16%	105	70	298	220	58	30	94	38	14
Delhi	Jhandewalan	5	1129	208	28%	161	7	1%	119	105	416	307	77	60	102	66	32
Delhi	Karawal Nagar	7	1540	236	17%	289	5	-6%	178	166	679	417	130	61	144	82	44
Delhi	Kingsway Camp	5	1227	226	1%	173	7	-11%	128	119	396	292	88	65	78	57	35
Delhi	LN Chest Clinic	5	1592	293	-10%	192	8	-16%	142	63	236	174	42	32	63	37	21
Delhi	LRS	11	1868	172	-9%	276	7	-30%	102	85	519	191	61	20	66	43	26

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Bihar	Rohtas	21	5%	92%	76%	92%	76%	361	96%	375	100%	265	95%	450	94%
Bihar	Saharsa **	22	7%	97%	80%	96%	100%	151	79%	191	100%	116	78%	245	69%
Bihar	Samastipur **	60	7%	82%	71%	93%	94%	428	87%	488	100%	305	69%	703	70%
Bihar	Saran **	26	7%	75%	54%	75%	52%	210	88%	238	100%	126	86%	450	88%
Bihar	Sheikhpura **	15	12%	89%	50%	86%	71%	39	100%	39	100%	30	100%	135	100%
Bihar	Sheohar	11	7%	88%	53%	75%	57%	48	74%	65	100%	37	80%	170	79%
Bihar	Sitamarhi **	38	6%	81%	65%	78%	56%	397	88%	366	81%	200	71%	595	85%
Bihar	Siwan	19	4%	90%	83%	89%	91%	311	91%	343	100%	237	71%	635	87%
Bihar	Supaul **	9	4%	91%	92%	96%	100%	148	80%	183	99%	110	86%	295	100%
Bihar	Vaishali **	37	5%	88%	65%	83%	79%	246	77%	318	100%	127	69%	756	87%
Chandigarh	Chandigarh	68	14%	94%	74%	87%	64%	253	80%	278	88%	223	90%	135	21%
Chhattisgarh	Bastar *	21	6%	87%	85%	72%	50%	157	95%	165	100%	90	100%	323	75%
Chhattisgarh	Bilaspur-CG	47	8%	92%	67%	91%	79%	282	85%	306	92%	161	65%	445	64%
Chhattisgarh	Dantewada *	8	4%	54%	47%	59%	60%	85	58%	121	82%	30	45%	61	25%
Chhattisgarh	Dhamtari	3	2%	85%	64%	81%	67%	87	88%	99	100%	81	84%	143	74%
Chhattisgarh	Durg	33	4%	83%	78%	85%	67%	254	87%	288	99%	229	77%	263	30%
Chhattisgarh	Janjgir	14	3%	93%	81%	91%	81%	216	96%	226	100%	124	76%	275	56%
Chhattisgarh	Jashpur *	2	1%	76%	100%	92%	86%	32	74%	34	79%	18	42%	32	23%
Chhattisgarh	Kanker *	3	1%	91%	62%	91%	71%	115	89%	129	100%	93	81%	148	60%
Chhattisgarh	Kawardha **	5	7%	84%	38%	83%	29%	46	88%	52	100%	28	78%	43	46%
Chhattisgarh	Korba	21	6%	96%	83%	91%	70%	135	87%	155	100%	125	86%	253	64%
Chhattisgarh	Koriya **	9	7%	83%	100%	88%	88%	51	93%	55	100%	36	92%	78	48%
Chhattisgarh	Mahasamund	9	3%	88%	74%	83%	63%	127	93%	136	100%	60	63%	233	81%
Chhattisgarh	Raigarh-CG **	13	4%	91%	84%	89%	76%	178	95%	188	100%	98	72%	82	20%
Chhattisgarh	Raipur	44	5%	94%	75%	89%	70%	464	93%	493	99%	440	92%	368	34%
Chhattisgarh	Rajnandgaon	21	5%	91%	53%	85%	71%	218	88%	195	79%	145	78%	290	59%
Chhattisgarh	Surguja †	32	6%	93%	81%	88%	79%	211	89%	228	96%	186	96%	470	71%
D & N Haveli	Dadra & Nagar Haveli †	3	4%	92%	53%	79%	47%	45	90%	47	94%	32	91%	19	20%
Daman & Diu	Daman	0	0%	79%	71%	82%	60%	16	70%	23	100%	18	100%	7	11%
Daman & Diu	Diu	6	50%	100%	100%	75%	67%	4	100%	4	100%	5	100%	2	15%
Delhi	BJRM Chest Clinic	31	12%	92%	71%	86%	69%	139	91%	153	100%	125	100%	102	30%
Delhi	BSA Chest Clinic	35	12%	92%	82%	82%	71%	120	94%	125	98%	105	101%	169	46%
Delhi	CD Chest Clinic	31	15%	95%	84%	76%	65%	85	100%	85	100%	38	57%	0	0%
Delhi	DDU Chest Clinic	144	14%	90%	81%	86%	71%	423	87%	488	100%	414	100%	150	11%
Delhi	GTB Chest Clinic	57	14%	94%	66%	83%	68%	204	95%	215	100%	148	97%	6	1%
Delhi	Gulabi Bagh	42	12%	88%	68%	88%	74%	138	87%	158	100%	144	100%	0	0%
Delhi	Hedgewar Chest Clinic	36	15%	90%	70%	86%	68%	91	93%	98	100%	98	96%	0	0%
Delhi	Jhandewalan	63	19%	89%	55%	84%	65%	132	89%	148	100%	95	100%	18	4%
Delhi	Karawal Nagar	89	16%	90%	67%	89%	78%	274	96%	284	100%	231	93%	0	0%
Delhi	Kingsway Camp	41	13%	89%	75%	80%	65%	0	0%	0	0%	0	0%	0	0%
Delhi	LN Chest Clinic	30	16%	96%	76%	89%	93%	84	98%	86	100%	103	100%	8	3%
Delhi	LRS	51	13%	92%	71%	92%	74%	217	92%	236	100%	176	100%	0	0%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Delhi	MNCH Chest Clinic	11	1707	157	6%	233	7	1%	86	143	1012	373	102	73	113	85	46
Delhi	Moti Nagar	7	2575	395	17%	327	8	-25%	201	120	474	291	83	39	98	71	38
Delhi	Narela	7	1811	278	2%	285	6	-25%	175	128	445	273	93	39	74	66	43
Delhi	NDMC	9	3397	391	-11%	474	7	-5%	218	77	458	211	56	26	88	41	23
Delhi	Nehru Nagar	11	2887	266	0%	442	7	-20%	163	130	989	364	86	80	117	81	49
Delhi	Patparganj	8	2701	356	10%	396	7	-10%	208	189	761	401	127	42	133	98	65
Delhi	R.K.Mission	7	1688	259	6%	228	7	-9%	140	130	505	310	85	95	57	74	49
Delhi	RTRM Chest Clinic	11	2386	220	2%	299	8	-7%	110	91	566	209	60	34	53	62	32
Delhi	SGM Chest Clinic	7	2345	360	5%	323	7	-23%	198	167	725	445	119	104	131	91	56
Delhi	Shahdra	5	2028	374	-2%	337	6	-22%	248	176	638	470	127	77	153	114	55
Delhi	SPM Marg	5	1088	200	28%	147	7	11%	108	83	257	189	56	20	59	55	32
Delhi	SPMH Chest Clinic	5	1372	253	7%	205	7	7%	151	144	563	415	100	53	168	94	52
Goa	North Goa	10	3034	305	22%	192	16	30%	77	60	324	130	46	22	35	26	15
Goa	South Goa	8	1338	173	28%	134	10	15%	70	54	225	117	38	22	27	29	18
Gujarat	Ahmadabad	16	3004	188	13%	397	8	9%	100	71	431	108	48	8	15	36	24
Gujarat	Ahmadabad MC	52	9802	189	13%	1413	7	9%	109	81	2108	163	53	17	41	51	30
Gujarat	Amreli	16	3047	187	-13%	348	9	-8%	86	81	400	98	60	5	9	25	22
Gujarat	Anand	22	4214	195	25%	571	7	15%	105	86	748	138	60	22	16	41	27
Gujarat	Banaskantha	29	5155	177	18%	829	6	-1%	114	91	925	127	59	14	8	45	33
Gujarat	Bharuch	16	2694	169	6%	437	6	-3%	109	92	483	121	69	9	12	30	24
Gujarat	Bhavnagar	29	4887	170	2%	619	8	-7%	86	75	737	102	58	8	12	25	19
Gujarat	Chhota Udepur	11	1653	156	2%	217	8	6%	82	90	302	114	62	11	7	34	28
Gujarat	Dahod *	19	4083	214	-19%	486	8	-5%	102	94	627	131	61	18	13	40	34
Gujarat	Gandhinagar	16	2589	166	-6%	354	7	-10%	91	72	399	103	54	4	12	31	18
Gujarat	Jamnagar	22	3760	168	-7%	405	9	-1%	73	64	578	104	50	6	23	25	17
Gujarat	Junagadh	29	5048	177	3%	566	9	-3%	79	76	692	97	58	6	6	27	20
Gujarat	Kachchh	18	3338	187	26%	423	8	6%	95	73	432	97	58	7	8	24	19
Gujarat	Kheda	24	3926	166	2%	617	6	-2%	105	85	694	118	57	12	8	40	29
Gujarat	Mahesana	21	4311	201	-5%	475	9	-4%	89	74	570	106	57	9	13	27	18
Gujarat	Narmada	6	1443	241	-5%	146	10	9%	97	99	192	128	75	13	11	29	27
Gujarat	Navsari	14	2770	193	-14%	318	9	-13%	89	74	415	116	58	18	15	25	16
Gujarat	Panch Mahals	24	4012	170	-1%	698	6	-2%	118	107	858	145	70	15	11	49	41
Gujarat	Patan	14	3136	227	10%	376	8	-4%	109	85	418	121	60	12	10	39	27
Gujarat	Porbandar	6	1003	160	-1%	123	8	-10%	78	73	218	139	63	43	12	21	11
Gujarat	Rajkot	37	7556	205	4%	801	9	-3%	87	75	981	107	62	9	15	20	14
Gujarat	Sabarkantha	24	4100	169	3%	701	6	-1%	115	90	885	146	58	23	11	52	32
Gujarat	Surat	16	3931	239	11%	650	6	3%	158	92	559	136	69	13	20	34	24
Gujarat	Surat MC	33	7260	217	3%	799	9	3%	96	89	1447	173	63	17	45	48	28
Gujarat	Surendranagar	18	3512	199	1%	465	8	-3%	105	76	489	111	56	11	16	27	20
Gujarat	The Dangs *	2	477	219	22%	54	9	-2%	99	90	59	108	64	7	2	35	28
Gujarat	Vadodara	17	3834	231	24%	548	7	-8%	132	82	500	120	56	13	14	38	28
Gujarat	Vadodara Corp	15	2436	160	6%	377	6	17%	99	84	495	130	60	9	22	39	26
Gujarat	Valsad *	16	2849	173	-3%	311	9	-4%	76	72	438	106	57	7	13	29	16
Gujarat	Vyara (Surat)	8	1471	175	27%	211	7	-7%	100	96	302	144	73	23	13	35	23
Haryana	Ambala	12	3255	266	13%	368	9	-18%	120	83	400	131	58	17	22	34	26

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Delhi	MNCH Chest Clinic	108	14%	85%	68%	83%	70%	322	80%	403	100%	319	100%	0	0%
Delhi	Moti Nagar	56	16%	91%	85%	81%	69%	189	96%	197	100%	120	98%	48	10%
Delhi	Narela	42	12%	87%		84%	57%	204	92%	180	81%	131	98%	0	0%
Delhi	NDMC	39	11%	95%	67%	90%	78%	162	95%	170	100%	144	100%	0	0%
Delhi	Nehru Nagar	84	11%	89%	65%	80%	69%	328	90%	366	100%	334	100%	0	0%
Delhi	Patparganj	88	15%	95%	79%	86%	67%	302	83%	365	100%	253	100%	0	0%
Delhi	R.K.Mission	59	15%	93%	79%	88%	77%	205	94%	219	100%	195	100%	8	2%
Delhi	RTRM Chest Clinic	49	12%	95%	81%	95%	83%	250	100%	250	100%	239	100%	106	19%
Delhi	SGM Chest Clinic	76	13%	90%	82%	87%	71%	278	98%	285	100%	237	100%	5	1%
Delhi	Shahdra	103	21%	95%	73%	81%	68%	247	100%	247	100%	200	100%	84	13%
Delhi	SPM Marg	27	15%	87%	71%	80%	68%	110	92%	110	92%	128	132%	23	9%
Delhi	SPMH Chest Clinic	97	22%	91%	77%	86%	67%	161	78%	206	100%	172	100%	168	30%
Goa	North Goa	16	6%	94%	61%	88%	61%	144	94%	145	95%	104	90%	29	9%
Goa	South Goa	18	11%	79%	54%	80%	62%	92	84%	93	85%	76	94%	24	11%
Gujarat	Ahmadabad	22	8%	91%	68%	86%	59%	271	94%	284	99%	223	90%	402	93%
Gujarat	Ahmadabad MC	163	11%	87%	61%	83%	58%	1022	95%	1070	100%	855	98%	435	21%
Gujarat	Amreli	18	6%	90%	52%	86%	70%	314	95%	324	98%	232	92%	125	31%
Gujarat	Anand	30	6%	94%	83%	90%	75%	454	97%	460	98%	392	93%	387	52%
Gujarat	Banaskantha	31	5%	92%	81%	88%	74%	617	92%	651	97%	469	87%	607	66%
Gujarat	Bharuch	22	6%	94%	75%	89%	73%	332	90%	370	100%	245	84%	277	57%
Gujarat	Bhavnagar	28	5%	94%	78%	89%	73%	522	95%	548	99%	467	92%	481	65%
Gujarat	Chhota Udepur	9	4%	92%	76%	89%	73%	222	93%	238	99%	149	87%	243	80%
Gujarat	Dahod *	37	8%	96%	81%	92%	75%	438	96%	455	100%	435	95%	432	69%
Gujarat	Gandhinagar	14	5%	91%	64%	87%	68%	261	93%	276	98%	229	95%	253	63%
Gujarat	Jamnagar	40	9%	91%	61%	88%	58%	323	86%	365	97%	178	59%	333	58%
Gujarat	Junagadh	21	4%	93%	72%	88%	66%	525	94%	554	99%	382	89%	462	67%
Gujarat	Kachchh	14	4%	91%	65%	86%	62%	314	92%	326	96%	229	90%	280	65%
Gujarat	Kheda	17	4%	93%	69%	87%	64%	446	88%	474	93%	373	87%	381	55%
Gujarat	Mahesana	28	7%	93%	76%	86%	65%	349	87%	397	99%	314	93%	196	34%
Gujarat	Narmada	5	3%	95%	81%	95%	80%	139	91%	153	100%	127	88%	159	83%
Gujarat	Navsari	23	7%	92%	76%	88%	66%	253	95%	262	98%	228	96%	283	68%
Gujarat	Panch Mahals	22	4%	94%	76%	91%	70%	604	92%	658	100%	542	95%	590	69%
Gujarat	Patan	13	5%	91%	69%	91%	64%	262	88%	296	99%	198	85%	204	49%
Gujarat	Porbandar	25	14%	92%	63%	92%	76%	114	98%	115	99%	89	92%	191	88%
Gujarat	Rajkot	68	9%	92%	68%	88%	60%	648	93%	699	100%	510	92%	332	34%
Gujarat	Sabarkantha	34	6%	92%	80%	88%	69%	489	89%	536	98%	382	84%	680	77%
Gujarat	Surat	21	5%	93%	68%	89%	75%	338	89%	380	100%	299	86%	416	74%
Gujarat	Surat MC	81	8%	92%	69%	89%	65%	705	93%	760	100%	582	96%	442	31%
Gujarat	Surendranagar	26	7%	93%	59%	88%	64%	321	95%	336	100%	248	89%	298	61%
Gujarat	The Dangs *	0	0%	84%	42%	88%	50%	47	94%	50	100%	36	90%	40	68%
Gujarat	Vadodara	8	2%	92%	58%	86%	59%	325	94%	339	98%	238	90%	336	67%
Gujarat	Vadodara Corp	16	5%	91%	70%	86%	52%	278	85%	311	95%	226	90%	99	20%
Gujarat	Valsad *	16	5%	90%	65%	87%	67%	261	87%	300	100%	216	86%	266	61%
Gujarat	Vyara (Surat)	8	3%	94%	74%	91%	74%	180	89%	203	100%	158	85%	229	76%
Haryana	Ambala	6	2%	92%	82%	87%	71%	230	89%	243	94%	168	87%	6	2%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Haryana	Bhiwani	17	2046	119	1%	372	6	-14%	87	72	456	106	44	12	15	36	31
Haryana	Faridabad	15	2389	162	-16%	334	7	-37%	90	71	719	195	49	38	65	42	25
Haryana	Fatehabad	10	1379	142	-19%	159	9	12%	65	60	233	96	38	19	7	32	27
Haryana	Gurgaon	12	2229	186	-12%	339	7	-19%	113	79	481	161	54	24	43	39	28
Haryana	Hisar	19	2529	136	-11%	473	5	-21%	102	60	422	91	40	15	8	28	22
Haryana	Jhajjar	11	1677	157	53%	233	7	21%	87	90	406	152	65	18	31	37	30
Haryana	Jind	14	1952	136	-8%	279	7	-26%	78	63	368	103	38	15	18	31	27
Haryana	Kaithal **	11	1280	112	-7%	199	6	-21%	70	62	273	96	47	16	10	23	19
Haryana	Karnal	15	2252	146	-13%	378	6	-28%	98	81	593	154	51	39	24	40	31
Haryana	Kurukshetra	10	1386	139	-29%	225	6	-18%	90	77	316	126	58	15	26	27	20
Haryana	Mahendragarh	10	1271	130	-10%	147	9	13%	60	50	298	122	33	39	15	35	20
Haryana	Mewat **	8	903	112	-7%	192	5	4%	95	84	286	142	48	20	16	57	40
Haryana	Palwal	12	1381	118	-15%	201	7	-21%	69	68	336	115	44	24	14	33	26
Haryana	Panchkula	6	1912	338	12%	202	9	4%	143	85	225	159	62	18	41	37	24
Haryana	Panipat	12	1581	135	-24%	216	7	-26%	74	56	479	164	40	63	24	37	17
Haryana	Rewari	9	1753	190	-4%	162	11	-9%	70	60	325	141	35	37	21	48	26
Haryana	Rohtak	11	4103	362	8%	588	7	3%	207	113	538	190	69	25	42	54	45
Haryana	Sirsa	13	1995	149	-10%	327	6	-26%	98	74	397	118	49	12	20	38	31
Haryana	Sonapat	15	2440	158	4%	341	7	3%	88	94	629	163	63	30	24	46	34
Haryana	Yamunanagar	12	1630	138	-6%	203	8	-7%	69	58	334	113	45	20	24	23	15
Himachal Pradesh	Bilaspur-HP	4	927	243	21%	93	10	36%	98	106	158	166	78	17	30	41	33
Himachal Pradesh	Chamba	5	1164	226	55%	119	10	31%	92	98	281	218	67	42	44	65	41
Himachal Pradesh	Hamirpur-HP **	5	1482	322	22%	142	10	-19%	123	103	202	175	73	14	50	39	32
Himachal Pradesh	Kangra	15	3563	238	32%	422	8	-6%	113	91	672	180	68	27	45	36	25
Himachal Pradesh	Kinnaur *	1	235	250	-15%	25	9	-5%	107	98	40	171	72	17	38	43	30
Himachal Pradesh	Kullu	4	1328	313	18%	135	10	36%	127	126	317	299	84	72	69	74	42
Himachal Pradesh	Lahul & Spiti *	0.4	80	215	1%	8	10	-48%	86	86	18	194	75	54	54	11	11
Himachal Pradesh	Mandi	10	2635	262	23%	288	9	-16%	114	106	496	197	74	31	44	48	37
Himachal Pradesh	Shimla	8	2411	299	0%	298	8	0%	148	79	351	174	58	23	50	43	23
Himachal Pradesh	Sirmaur	5	1068	208	12%	128	8	-13%	100	100	232	181	80	30	32	39	23
Himachal Pradesh	Solan	6	2001	358	3%	198	10	12%	142	95	317	227	79	52	54	42	19
Himachal Pradesh	Una	5	1002	200	22%	122	8	-20%	97	97	182	145	73	24	22	26	25
Jammu & Kashmir	Anantnag	14	2836	208	58%	189	15	29%	56	56	248	73	50	6	9	8	6
Jammu & Kashmir	Badgam	7	1374	199	19%	104	13	7%	60	64	126	73	63	3	5	1	1
Jammu & Kashmir	Baramulla	14	2455	181	59%	144	17	65%	42	38	194	57	34	4	14	5	4
Jammu & Kashmir	Doda	8	1152	143	17%	96	12	-6%	48	48	207	103	35	19	32	16	13
Jammu & Kashmir	Jammu	18	4712	258	50%	611	8	-4%	134	103	813	178	72	29	33	43	34
Jammu & Kashmir	Kargil *	1	218	163	-8%	6	36	-30%	18	15	20	60	12	12	30	6	3
Jammu & Kashmir	Kathua	6	1146	181	11%	147	8	0%	93	79	214	135	54	26	23	32	25
Jammu & Kashmir	Kupwara	7	1740	234	44%	137	13	10%	74	85	182	98	79	3	8	8	6
Jammu & Kashmir	Leh (Ladakh) *	1	340	248	51%	17	20	-27%	50	47	54	158	35	41	67	15	15
Jammu & Kashmir	Poonch	4	950	220	66%	67	14	52%	62	65	124	115	51	24	22	18	14
Jammu & Kashmir	Pulwama	7	1733	236	53%	154	11	3%	84	91	208	113	89	9	11	4	2
Jammu & Kashmir	Rajouri	6	1120	201	33%	102	11	-1%	73	66	195	140	49	29	34	25	19
Jammu & Kashmir	Srinagar	14	4243	294	69%	275	15	39%	76	69	383	106	65	10	24	7	5
Jammu & Kashmir	Udhampur	9	1955	227	54%	182	11	8%	85	84	281	131	55	13	28	35	31
Jharkhand	Bokaro	21	3258	157	25%	375	9	8%	72	68	661	127	60	32	15	22	10
Jharkhand	Chatra **	9	1003	108	64%	145	7	29%	63	62	259	112	58	33	3	17	6
Jharkhand	Deoghar **	14	1894	139	3%	252	8	-6%	74	66	298	88	60	13	4	10	7
Jharkhand	Dhanbad	28	3409	122	0%	501	7	-2%	72	66	737	105	57	20	10	19	10

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Haryana	Bhiwani	17	6%	88%	65%	88%	75%	248	78%	239	75%	127	57%	31	7%
Haryana	Faridabad	69	12%	92%	79%	85%	69%	249	92%	253	93%	180	86%	35	5%
Haryana	Fatehabad	7	5%	91%	88%	87%	82%	131	83%	131	83%	123	76%	42	18%
Haryana	Gurgaon	36	10%	88%	71%	84%	69%	197	80%	232	95%	202	93%	244	51%
Haryana	Hisar	10	3%	91%	82%	86%	72%	266	93%	274	95%	190	73%	112	27%
Haryana	Jhajjar	18	6%	91%	80%	84%	66%	247	97%	254	100%	168	94%	95	23%
Haryana	Jind	14	5%	91%	85%	85%	72%	223	95%	225	96%	206	95%	73	20%
Haryana	Kaithal **	8	4%	92%	76%	84%	79%	168	90%	186	100%	154	90%	65	24%
Haryana	Karnal	25	6%	90%	81%	87%	85%	295	92%	314	98%	193	100%	262	44%
Haryana	Kurukshetra	4	2%	93%	70%	88%	82%	180	91%	188	95%	163	94%	129	41%
Haryana	Mahendragarh	8	4%	89%	85%	82%	76%	116	91%	84	66%	89	78%	67	22%
Haryana	Mewat **	7	4%	92%	62%	92%	50%	150	84%	178	100%	98	77%	50	17%
Haryana	Palwal	15	6%	87%	82%	83%	79%	123	60%	122	60%	51	0%	0	0%
Haryana	Panchkula	8	5%	95%	70%	88%	76%	114	93%	115	94%	100	93%	60	27%
Haryana	Panipat	15	4%	89%	84%	86%	76%	146	87%	167	100%	110	85%	227	47%
Haryana	Rewari	11	5%	88%	86%	82%	64%	126	89%	134	94%	84	63%	165	51%
Haryana	Rohtak	37	10%	91%	80%	85%	76%	287	89%	319	98%	184	73%	69	13%
Haryana	Sirsa	12	4%	90%	67%	80%	65%	246	92%	254	95%	177	87%	147	37%
Haryana	Sonipat	20	4%	89%	84%	88%	72%	347	93%	373	100%	0	0%	113	18%
Haryana	Yamunanagar	3	1%	91%	60%	86%	61%	160	89%	173	97%	146	90%	256	77%
Himachal Pradesh	Bilaspur-HP	4	3%	89%	64%	84%	73%	100	95%	105	100%	104	98%	0	0%
Himachal Pradesh	Chamba	5	3%	90%	91%	84%	60%	138	99%	139	100%	92	88%	1	0%
Himachal Pradesh	Hamirpur-HP **	3	2%	93%	94%	95%	68%	117	97%	121	100%	118	96%	17	8%
Himachal Pradesh	Kangra	25	5%	88%	82%	88%	77%	344	98%	349	100%	298	97%	180	27%
Himachal Pradesh	Kinnaur *	0	0%	93%	50%	96%	70%	23	96%	24	100%	30	100%	0	0%
Himachal Pradesh	Kullu	22	9%	94%	98%	92%	82%	123	92%	130	97%	124	86%	11	3%
Himachal Pradesh	Lahul & Spiti *	3	18%	100%	100%	100%	0%	8	100%	8	100%	3	100%	0	0%
Himachal Pradesh	Mandi	9	2%	95%	83%	87%	80%	264	95%	277	99%	241	96%	44	9%
Himachal Pradesh	Shimla	8	3%	94%	95%	93%	87%	156	95%	112	68%	202	100%	26	7%
Himachal Pradesh	Sirmaur	4	2%	94%	74%	89%	72%	130	98%	129	98%	90	87%	58	25%
Himachal Pradesh	Solan	11	4%	89%	81%	87%	78%	132	96%	137	100%	133	94%	44	14%
Himachal Pradesh	Una	3	2%	90%	65%	86%	64%	122	100%	122	100%	106	100%	43	24%
Jammu & Kashmir	Anantnag	22	10%	92%	68%	90%	80%	190	98%	190	98%	188	93%	44	18%
Jammu & Kashmir	Badgam	5	4%	93%	100%	89%	100%	109	99%	110	100%	87	71%	20	16%
Jammu & Kashmir	Baramulla	7	4%	98%	93%	97%	100%	119	92%	126	97%	155	77%	17	9%
Jammu & Kashmir	Doda	12	7%	95%	73%	93%	74%	97	100%	97	100%	114	100%	0	0%
Jammu & Kashmir	Jammu	30	5%	90%	80%	91%	66%	478	98%	480	99%	310	98%	192	24%
Jammu & Kashmir	Kargil *	1	6%	91%	50%	100%	0%	5	100%	5	100%	13	81%	0	0%
Jammu & Kashmir	Kathua	3	2%	94%	78%	86%	77%	118	94%	126	100%	114	97%	0	0%
Jammu & Kashmir	Kupwara	11	7%	90%	78%	96%	83%	160	100%	160	100%	140	100%	6	3%
Jammu & Kashmir	Leh (Ladakh) *	0	0%	86%	75%	67%	67%	17	100%	17	100%	8	67%	3	6%
Jammu & Kashmir	Poonch	4	4%	91%	100%	84%	69%	70	100%	70	100%	37	74%	0	0%
Jammu & Kashmir	Pulwama	15	7%	98%	100%	95%	90%	168	100%	168	100%	134	99%	21	10%
Jammu & Kashmir	Rajouri	13	8%	88%	85%	86%	88%	94	99%	94	99%	71	68%	0	0%
Jammu & Kashmir	Srinagar	23	6%	92%	100%	93%	73%	251	100%	251	100%	274	100%	11	3%
Jammu & Kashmir	Udhampur	9	4%	93%	88%	93%	88%	174	95%	181	98%	146	91%	12	4%
Jharkhand	Bokaro	35	6%	93%	90%	89%	69%	343	95%	362	100%	263	83%	515	78%
Jharkhand	Chatra **	12	5%	94%	91%	83%	60%	138	93%	149	100%	98	85%	235	91%
Jharkhand	Deoghar **	8	3%	96%	93%	97%	93%	200	88%	228	100%	163	86%	210	70%
Jharkhand	Dhanbad	34	6%	93%	83%	89%	76%	415	89%	450	97%	288	75%	343	47%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Jharkhand	Dumka **	13	1687	131	14%	281	6	-20%	87	78	592	184	67	64	3	50	11
Jharkhand	Garhwa	12	1292	107	2%	224	6	-17%	74	63	469	155	57	63	6	30	7
Jharkhand	Giridih **	22	2313	104	-6%	368	6	-4%	66	63	473	85	52	15	3	15	12
Jharkhand	Godda **	12	1135	93	12%	168	7	20%	55	45	325	106	37	43	4	23	8
Jharkhand	Gumla †	10	883	92	5%	150	6	-5%	62	56	214	89	52	20	4	10	4
Jharkhand	Hazaribagh **	17	2212	132	86%	240	9	17%	57	52	392	94	45	26	7	16	8
Jharkhand	Jamtara **	8	850	111	3%	133	6	3%	70	67	235	123	58	24	3	39	9
Jharkhand	Khunti †	6	371	62		87	4		58	58	119	80	49	7	11	12	9
Jharkhand	Kodarma **	6	681	117	22%	75	9	16%	51	43	112	77	41	15	5	15	3
Jharkhand	Lathehar **	7	1221	180	45%	128	10	11%	75	77	205	121	66	31	8	16	11
Jharkhand	Lohardaga *	4	351	82	5%	57	6	-7%	53	49	81	76	43	16	9	8	8
Jharkhand	Pakaur **	8	1120	136	13%	214	5	-13%	104	102	316	154	91	31	4	28	12
Jharkhand	Palamu **	18	2719	154	1%	386	7	-9%	87	82	650	147	68	47	9	23	15
Jharkhand	Pashchimi Singhbhum *	15	1426	94	-1%	300	5	-8%	79	70	525	138	64	52	8	14	7
Jharkhand	Purbi Singhbhum †	23	2369	102	-5%	524	5	-17%	91	71	734	127	58	31	8	28	14
Jharkhand	Ramgarh **	10	1116	113		139	8		56	44	226	91	43	29	11	9	9
Jharkhand	Ranchi †	27	3606	136	13%	537	7	-8%	81	60	781	118	49	28	16	24	12
Jharkhand	Sahibganj **	11	1483	137	34%	140	11	20%	52	48	351	129	39	57	6	27	9
Jharkhand	Saraikela-Kharsawan **	9	1310	144	9%	164	8	-10%	72	69	285	125	66	40	9	11	4
Jharkhand	Simdega **	6	785	129	37%	141	6	-11%	93	83	166	109	68	18	4	20	17
Karnataka	Bagalkot	19	3321	178	-5%	321	10	-2%	69	52	526	113	40	40	13	21	14
Karnataka	Bangalore City	47	12552	267	0%	1459	9	16%	124	60	1572	134	41	21	43	30	20
Karnataka	Bangalore Rural	9	2049	220	10%	151	14	2%	65	61	315	135	49	21	40	24	16
Karnataka	Bangalore Urban	26	4343	164	0%	363	12	7%	55	72	1016	153	56	29	40	29	18
Karnataka	Belgaum	47	7667	162	1%	629	12	6%	53	52	1168	99	45	27	12	14	7
Karnataka	Bellary	23	5208	228	30%	612	9	10%	107	75	843	148	56	38	26	26	20
Karnataka	Bidar **	17	4191	248	65%	348	12	0%	82	71	596	141	54	38	15	34	20
Karnataka	Bijapur	20	3852	189	16%	334	12	-1%	66	50	504	99	37	31	7	23	14
Karnataka	Chamarajanagar	11	2387	220	20%	181	13	22%	67	74	374	138	58	25	31	24	19
Karnataka	Chikaballapur	13	2625	205	31%	251	10	4%	78	78	445	139	60	28	25	26	21
Karnataka	Chikmagalur	13	2969	231	10%	160	19	17%	50	41	264	82	32	12	24	14	10
Karnataka	Chitradurga	17	2694	158	-9%	288	9	7%	68	69	612	144	57	37	24	26	14
Karnataka	Dakshina Kannada	21	5623	263	18%	344	16	17%	64	53	502	94	39	13	15	26	17
Karnataka	Davanagere	20	4459	221	17%	398	11	20%	79	54	572	113	43	28	19	24	13
Karnataka	Dharwad	18	3771	209	21%	363	10	14%	80	52	451	100	39	15	23	23	17
Karnataka	Gadag	11	2287	209	-10%	250	9	-37%	91	75	314	115	60	22	12	21	15
Karnataka	Gulbarga **	24	5180	214	59%	501	10	22%	83	66	710	117	49	22	14	32	18
Karnataka	Hassan	19	4843	250	-1%	243	20	16%	50	53	465	96	39	18	18	21	15
Karnataka	Haveri	16	2899	179	-12%	256	11	-1%	63	53	436	108	40	28	16	24	14
Karnataka	Kodagu	6	1302	212	2%	62	21	39%	40	35	106	69	28	10	17	14	11
Karnataka	Kolar	16	3196	205	0%	304	11	-5%	78	57	406	104	49	17	22	16	9
Karnataka	Koppal	13	2369	176	18%	303	8	14%	90	75	452	134	57	33	12	33	24
Karnataka	Mandya	20	5136	259	7%	319	16	5%	64	61	538	108	47	16	26	20	16

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Jharkhand	Dumka **	16	4%	91%	79%	90%	81%	201	80%	252	100%	133	73%	587	99%
Jharkhand	Garhwa	29	8%	90%	93%	95%	78%	157	82%	191	100%	128	73%	395	84%
Jharkhand	Giridih **	27	7%	90%	78%	92%	91%	311	87%	358	100%	236	80%	356	75%
Jharkhand	Godda **	13	5%	95%	100%	96%	100%	125	91%	137	99%	93	85%	164	50%
Jharkhand	Gumla †	9	5%	91%	88%	88%	71%	108	80%	135	100%	97	84%	163	76%
Jharkhand	Hazaribagh **	25	8%	90%	75%	81%	93%	214	97%	220	100%	110	75%	313	80%
Jharkhand	Jamtara **	7	4%	93%	80%	93%	93%	116	91%	128	100%	84	83%	144	61%
Jharkhand	Khunti †	3	3%	90%	100%			84	97%	87	100%	51	66%	0	0%
Jharkhand	Kodarma **	3	3%	81%	38%	89%	100%	63	97%	65	100%	42	84%	79	71%
Jharkhand	Lathehar **	10	6%	95%	81%	93%	89%	98	75%	112	86%	58	62%	4	2%
Jharkhand	Lohardaga *	3	4%	78%	20%	80%	33%	42	78%	50	93%	36	80%	81	100%
Jharkhand	Pakaur **	6	2%	91%	73%	86%	77%	140	66%	211	100%	54	39%	200	63%
Jharkhand	Palamu **	40	7%	97%	82%	93%	73%	336	92%	366	100%	281	86%	107	16%
Jharkhand	Pashchimi Singhbhum *	12	3%	93%	77%	90%	70%	196	73%	266	99%	110	51%	362	69%
Jharkhand	Purbi Singhbhum †	19	3%	94%	81%	90%	73%	374	89%	419	100%	331	89%	207	28%
Jharkhand	Rangarh **	10	5%	86%	55%			120	94%	126	98%	0	0%	0	0%
Jharkhand	Ranchi †	34	5%	94%	71%	91%	66%	376	92%	406	99%	323	90%	285	36%
Jharkhand	Sahibganj **	37	13%	91%	91%	94%	75%	106	80%	132	100%	27	26%	223	64%
Jharkhand	Saraikela-Kharsawan **	10	4%	92%	77%	94%	82%	131	82%	159	100%	86	72%	180	63%
Jharkhand	Simdega **	1	1%	86%	50%	85%	63%	105	81%	126	98%	46	59%	158	95%
Karnataka	Bagalkot	28	7%	92%	73%	78%	63%	205	82%	236	94%	162	84%	264	50%
Karnataka	Bangalore City	117	10%	88%	58%	84%	54%	629	89%	708	100%	480	89%	444	28%
Karnataka	Bangalore Rural	42	16%	86%	42%	88%	60%	134	88%	153	100%	88	89%	160	51%
Karnataka	Bangalore Urban	62	8%	88%	73%	84%	67%	427	88%	472	97%	317	85%	718	71%
Karnataka	Belgaum	158	16%	89%	82%	82%	62%	557	90%	617	99%	371	78%	480	41%
Karnataka	Bellary	54	8%	91%	68%	77%	60%	367	84%	405	92%	221	83%	424	50%
Karnataka	Bidar **	27	6%	88%	74%	73%	44%	277	88%	293	93%	92	73%	176	30%
Karnataka	Bijapur	37	10%	91%	76%	67%	48%	194	74%	221	84%	54	50%	262	52%
Karnataka	Chamarajanagar	15	5%	91%	64%	80%	63%	180	87%	198	95%	95	76%	184	49%
Karnataka	Chikkaballapur	22	6%	91%	51%	83%	79%	194	75%	253	98%	88	59%	224	50%
Karnataka	Chikmagalur	12	6%	87%	56%	87%	58%	118	87%	135	99%	91	71%	149	56%
Karnataka	Chitradurga	15	3%	87%	54%	85%	58%	258	86%	294	98%	184	77%	469	77%
Karnataka	Dakshina Kannada	13	4%	88%	63%	78%	53%	264	87%	280	93%	125	73%	264	53%
Karnataka	Davanagere	13	3%	85%	70%	81%	51%	246	88%	270	96%	165	85%	276	48%
Karnataka	Dharwad	21	6%	85%	62%	81%	63%	216	86%	246	98%	143	73%	111	25%
Karnataka	Gadag	11	4%	89%	68%	83%	50%	172	83%	207	100%	111	90%	40	13%
Karnataka	Gulbarga **	24	5%	87%	62%	76%	44%	313	76%	381	93%	163	72%	313	44%
Karnataka	Hassan	17	5%	94%	70%	84%	52%	236	89%	253	95%	183	82%	231	50%
Karnataka	Haveri	36	11%	86%	66%	81%	63%	168	77%	209	95%	135	73%	286	66%
Karnataka	Kodagu	5	6%	87%	67%	87%	50%	49	82%	60	100%	46	98%	56	53%
Karnataka	Kolar	24	7%	91%	49%	84%	65%	198	87%	222	98%	140	85%	240	59%
Karnataka	Koppal	24	7%	84%	66%	81%	48%	223	82%	264	97%	135	79%	273	60%
Karnataka	Mandya	43	10%	93%	67%	85%	54%	262	84%	302	97%	201	91%	342	64%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Karnataka	Mysore	30	9354	316	10%	857	11	-4%	116	63	1003	136	47	28	35	25	17
Karnataka	Raichur	19	3438	185	-1%	452	8	5%	97	77	703	151	57	39	14	41	23
Karnataka	Ramanagara	12	2632	222	38%	197	13	18%	66	61	372	126	45	26	26	28	17
Karnataka	Shimoga	18	3942	213	14%	308	13	-1%	67	63	478	103	52	18	18	16	12
Karnataka	Tumkur	29	6972	240	32%	545	13	44%	75	65	961	132	53	31	27	21	14
Karnataka	Udupi	13	2910	233	3%	197	15	-2%	63	46	233	75	38	11	12	14	10
Karnataka	Uttara Kannada	15	2949	193	-5%	156	19	9%	41	36	295	77	30	20	12	15	8
Karnataka	Yadgiri **	11	1058	96		107	10		39	37	256	93	26	32	9	27	12
Kerala	Alappuzha	23	7794	341	29%	255	31	16%	45	42	512	90	39	27	18	6	6
Kerala	Ernakulam	34	8234	245	-2%	434	19	-3%	52	39	722	86	34	27	13	12	8
Kerala	Idukki	12	4894	399	5%	100	49	1%	33	29	206	67	28	14	21	4	2
Kerala	Kannur	26	7359	281	4%	251	29	1%	38	29	433	66	25	12	22	7	4
Kerala	Kasaragod	13	2769	212	-7%	131	21	-10%	40	35	235	72	28	12	18	13	9
Kerala	Kollam	28	7223	257	38%	296	24	28%	42	39	593	85	33	25	16	10	7
Kerala	Kottayam	21	8357	394	31%	268	31	43%	51	36	399	75	32	15	20	8	5
Kerala	Kozhikode	31	7777	249	4%	299	26	-2%	38	30	638	82	27	24	24	7	5
Kerala	Malappuram	39	10157	258	32%	319	32	21%	32	27	697	71	23	23	17	8	5
Kerala	Palakkad	28	5991	211	3%	337	18	-8%	47	42	568	80	39	14	19	9	6
Kerala	Pathanamthitta	13	3613	270	39%	188	19	18%	56	42	278	83	38	19	20	7	5
Kerala	Thiruvananthapuram	35	14176	404	26%	471	30	11%	54	37	628	72	32	15	15	9	7
Kerala	Thrissur	32	9157	283	30%	432	21	39%	53	38	630	78	32	18	19	9	6
Kerala	Wayanad	9	2234	262	17%	66	34	49%	31	26	155	73	25	26	18	3	3
Lakshadweep	Lakshadweep *	0.8	138	182	105%	0			0	0	2	11	0	0	11	0	0
Madhya Pradesh	Alirajpur †	7	515	77		66	8		40	37	99	59	29	16	5	9	9
Madhya Pradesh	Anuppur	9	702	80		94	7		43	40	173	79	35	28	9	7	5
Madhya Pradesh	Ashoknagar	10	723	74		107	7		44	40	224	92	31	32	7	22	9
Madhya Pradesh	Balaghat **	17	860	50	-1%	179	5	8%	41	43	302	70	38	17	5	10	6
Madhya Pradesh	Barwani †	13	1865	144	23%	204	9	-1%	63	53	279	86	40	17	10	19	15
Madhya Pradesh	Betul **	17	3208	192	68%	178	18	54%	43	37	260	62	31	18	4	10	9
Madhya Pradesh	Bhind	17	1757	103	4%	188	9	6%	44	36	484	113	26	63	8	16	10
Madhya Pradesh	Bhopal	22	5130	234	-32%	801	6	-39%	146	87	974	177	63	45	26	44	25
Madhya Pradesh	Burhanpur **	7	999	134		140	7		75	76	263	141	62	47	13	19	17
Madhya Pradesh	Chhatarpur **	18	5434	308	84%	728	7	17%	165	113	688	156	86	32	6	32	29
Madhya Pradesh	Chhindwara **	22	2329	105	37%	294	8	11%	53	46	429	78	31	21	8	17	15
Madhya Pradesh	Damoh **	13	1464	113	-11%	293	5	-12%	91	87	487	151	64	32	23	31	24
Madhya Pradesh	Datia	8	765	102	6%	162	5	-8%	86	78	279	149	56	45	9	39	23
Madhya Pradesh	Dewas	16	1727	111	22%	244	7	-23%	62	63	441	113	57	29	16	10	7
Madhya Pradesh	Dhar †	21	2716	131	1%	319	9	-10%	61	58	605	116	49	43	11	14	11
Madhya Pradesh	Dindori †	7	754	109	-4%	77	10	-15%	44	41	122	70	31	20	6	13	10
Madhya Pradesh	Guna	10	931	91	-5%	148	6	-20%	58	50	280	110	40	43	10	17	11
Madhya Pradesh	Gwalior	19	3872	199	4%	495	8	8%	102	76	716	147	53	31	24	38	25
Madhya Pradesh	Harda **	6	523	92	-7%	62	8	-25%	44	39	138	97	26	40	13	18	13
Madhya Pradesh	Hoshangabad **	13	1913	147	-15%	257	7	-14%	79	78	511	158	61	57	17	23	18
Madhya Pradesh	Indore	31	7951	257	11%	804	10	9%	104	81	1174	152	59	27	30	36	24
Madhya Pradesh	Jabalpur	26	4317	167	61%	570	8	39%	88	74	843	130	57	25	20	27	18
Madhya Pradesh	Jhabua †	10	1015	101	-10%	148	7	-5%	59	53	341	136	43	64	8	21	12
Madhya Pradesh	Katni	13	907	71	-8%	220	4	-7%	69	62	440	138	53	67	8	11	11
Madhya Pradesh	Khandwa **	13	1057	81	-12%	159	7	12%	49	43	278	86	39	35	3	9	4
Madhya Pradesh	Khargone **	18	2491	136	39%	333	7	-1%	73	65	621	136	54	47	18	17	13

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Karnataka	Mysore	61	7%	85%	56%	77%	51%	418	88%	448	94%	300	80%	233	23%
Karnataka	Raichur	60	12%	90%	57%	83%	56%	301	81%	323	87%	217	81%	552	79%
Karnataka	Ramanagara	20	7%	91%	68%	86%	68%	142	77%	176	95%	120	88%	231	62%
Karnataka	Shimoga	13	3%	90%	67%	86%	80%	263	89%	286	97%	156	89%	225	47.1%
Karnataka	Tumkur	32	4%	87%	44%	83%	61%	428	88%	475	98%	312	86%	646	67%
Karnataka	Udupi	7	4%	92%	68%	84%	74%	149	100%	145	97%	127	95%	161	69%
Karnataka	Uttara Kannada	19	8%	88%	69%	83%	59%	118	80%	140	95%	100	90%	149	51%
Karnataka	Yadgiri **	15	8%	85%	42%			72	70%	96	93%	58	59%	137	54%
Kerala	Alappuzha	106	22%	83%	72%	84%	69%	252	98%	249	97%	176	76%	434	85%
Kerala	Ernakulam	109	18%	88%	70%	83%	73%	301	86%	313	90%	273	85%	334	46%
Kerala	Idukki	36	19%	81%	43%	79%	50%	80	87%	89	97%	56	93%	170	83%
Kerala	Kannur	51	13%	89%	69%	84%	67%	178	92%	184	95%	112	81%	240	55%
Kerala	Kasaragod	7	4%	82%	65%	80%	58%	97	81%	113	94%	74	75%	175	74%
Kerala	Kollam	66	13%	89%	80%	89%	69%	272	95%	285	100%	228	92%	303	51%
Kerala	Kottayam	51	14%	83%	82%	86%	68%	178	89%	180	90%	198	88%	176	44%
Kerala	Kozhikode	139	24%	85%	77%	79%	65%	206	83%	236	95%	136	77%	389	61%
Kerala	Malappuram	162	26%	86%	70%	89%	75%	221	79%	259	93%	209	79%	515	74%
Kerala	Palakkad	53	10%	81%	67%	87%	71%	262	83%	266	84%	220	80%	380	67%
Kerala	Pathanamthitta	28	11%	88%	71%	83%	65%	138	97%	139	97%	89	79%	159	57%
Kerala	Thiruvananthapuram	61	11%	86%	73%	78%	63%	311	90%	309	90%	185	80%	396	63%
Kerala	Thrissur	96	17%	86%	66%	87%	69%	275	88%	254	81%	195	76%	470	75%
Kerala	Wayanad	39	26%	88%	64%	94%	82%	56	95%	58	98%	65	88%	100	65%
Lakshadweep	Lakshadweep *	0	0%	100%		0%		0		0		0	0%	0	0%
Madhya Pradesh	Alirajpur †	4	5%					56	88%	64	100%	63		45	45%
Madhya Pradesh	Anuppur	15	10%					65	75%	87	100%	33		22	13%
Madhya Pradesh	Ashoknagar	6	4%					91	92%	99	100%	73		167	75%
Madhya Pradesh	Balaghat **	17	7%	90%	77%	93%	89%	148	77%	189	99%	122	68%	204	68%
Madhya Pradesh	Barwani †	11	5%	88%	63%	92%	74%	161	91%	176	99%	77	62%	153	55%
Madhya Pradesh	Betul **	20	9%	94%	81%	88%	48%	151	92%	165	100%	79	85%	22	8%
Madhya Pradesh	Bhind	69	17%	84%	64%	80%	67%	141	90%	154	99%	63	58%	379	78%
Madhya Pradesh	Bhopal	70	10%	87%	57%	85%	49%	437	90%	483	100%	305	89%	415	43%
Madhya Pradesh	Burhanpur **	22	10%	90%	86%			145	99%	147	100%	94		182	69%
Madhya Pradesh	Chhatarpur **	49	9%	95%	86%	91%	80%	484	95%	507	100%	298	96%	481	70%
Madhya Pradesh	Chhindwara **	6	2%	89%	67%	86%	75%	229	89%	247	96%	107	58%	258	60%
Madhya Pradesh	Damoh **	34	9%	87%	64%	86%	70%	269	95%	283	100%	160	86%	144	30%
Madhya Pradesh	Datia	43	21%	91%	40%	84%	46%	138	93%	132	89%	51	59%	148	53%
Madhya Pradesh	Dewas	51	13%	90%	72%	87%	55%	223	90%	248	100%	119	78%	174	39%
Madhya Pradesh	Dhar †	67	13%	95%	78%	89%	72%	278	90%	310	100%	200	82%	415	69%
Madhya Pradesh	Dindori †	8	8%	90%	93%	83%	76%	63	88%	72	100%	27	51%	93	76%
Madhya Pradesh	Guna	7	3%	91%	63%	90%	78%	109	84%	129	100%	95	46%	95	34%
Madhya Pradesh	Gwalior	117	22%	93%	67%	88%	53%	345	91%	369	97%	227	92%	410	57%
Madhya Pradesh	Harda **	30	27%	92%	27%	82%	64%	44	79%	56	100%	13	48%	91	66%
Madhya Pradesh	Hoshangabad **	68	16%	93%	87%	91%	84%	219	85%	257	100%	208	93%	295	58%
Madhya Pradesh	Indore	171	19%	96%	84%	92%	83%	594	92%	644	100%	505	91%	621	53%
Madhya Pradesh	Jabalpur	70	11%	91%	57%	89%	63%	410	84%	485	99%	215	75%	603	72%
Madhya Pradesh	Jhabua †	34	12%	93%	81%	96%	83%	133	96%	131	94%	82	40%	165	48%
Madhya Pradesh	Katni	13	3%	92%	73%	87%	73%	162	80%	203	100%	129	83%	388	88%
Madhya Pradesh	Khandwa **	15	6%	87%	67%	88%	78%	126	91%	139	100%	115	43%	231	83%
Madhya Pradesh	Khargone **	78	14%	94%	84%	87%	80%	269	88%	307	100%	244	83%	242	39%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Madhya Pradesh	Mandla †	11	1028	96	0%	194	5	4%	73	67	312	117	57	30	13	16	10
Madhya Pradesh	Mandsaur	14	2431	172	54%	284	9	27%	80	75	479	135	45	38	12	40	31
Madhya Pradesh	Morena	19	1912	101	21%	278	7	-20%	59	51	419	88	33	14	8	34	20
Madhya Pradesh	Narsinghpur **	11	1155	101	-16%	150	8	-23%	52	46	287	100	35	26	22	18	13
Madhya Pradesh	Neemuch	9	1388	160	-2%	168	8	-5%	77	74	308	142	59	42	17	24	17
Madhya Pradesh	Panna **	10	566	55	0%	180	3	-13%	70	66	228	89	46	10	4	29	20
Madhya Pradesh	Raisen **	13	947	71	16%	119	8	4%	36	37	316	94	26	36	6	26	11
Madhya Pradesh	Rajgarh	15	1262	84	10%	176	7	3%	47	38	378	101	29	30	9	33	10
Madhya Pradesh	Ratlam	15	1409	97	28%	242	6	-1%	67	53	473	130	35	48	13	34	20
Madhya Pradesh	Rewa	24	2933	124	-2%	446	7	-25%	76	67	827	140	56	40	22	22	14
Madhya Pradesh	Sagar **	24	2570	106	9%	450	6	1%	74	71	641	106	56	23	8	18	16
Madhya Pradesh	Satna	22	2830	127	66%	362	8	49%	65	56	800	143	50	61	15	18	6
Madhya Pradesh	Sehore **	13	1641	127	49%	153	11	-19%	47	39	286	89	31	29	8	20	8
Madhya Pradesh	Seoni **	14	1055	76	86%	159	7	19%	46	41	235	67	32	13	7	15	11
Madhya Pradesh	Shahdol	10	846	84	3%	127	7	-1%	51	41	238	95	35	37	6	16	6
Madhya Pradesh	Shajapur	15	1485	96	18%	336	4	-23%	87	88	471	122	63	16	11	32	25
Madhya Pradesh	Sheopur	7	997	149	52%	221	5	13%	132	103	238	142	81	18	7	36	23
Madhya Pradesh	Shivpuri	17	2188	127	24%	356	6	-9%	83	79	550	128	66	40	2	20	13
Madhya Pradesh	Sidhi	12	1182	102	-5%	213	6	-36%	74	58	343	119	45	33	12	29	14
Madhya Pradesh	Singrauli	10	1023	99		118	9		46	41	218	84	36	24	12	12	5
Madhya Pradesh	Tikamgarh **	14	847	59	28%	130	7	4%	36	36	267	74	31	26	7	11	8
Madhya Pradesh	Ujjain	20	2930	143	52%	419	7	43%	82	72	699	137	48	38	21	30	25
Madhya Pradesh	Umaria	6	632	102	108%	62	10	37%	40	42	119	77	31	21	5	20	13
Madhya Pradesh	Vidisha **	15	1464	101	-10%	223	7	-21%	61	59	507	140	40	55	9	36	20
Maharashtra	Ahmadnagar	43	5444	126	7%	411	13	16%	38	42	847	78	39	16	13	11	4
Maharashtra	Ahmednagar MC	4	722	169	18%	43	17	86%	40	26	87	81	21	20	23	18	7
Maharashtra	Akola	14	2292	159	44%	151	15	45%	42	44	273	76	36	11	14	14	9
Maharashtra	Akola MC	5	787	173	46%	147	5	4%	129	59	130	114	40	17	34	24	21
Maharashtra	Amravati MC	6	1597	250	-7%	148	11	-20%	93	57	178	111	41	19	28	23	16
Maharashtra	Amravati Rural	24	4457	186	1%	311	14	11%	52	50	593	99	39	23	14	23	13
Maharashtra	Aurangabad MC	10	2655	261	59%	276	10	51%	109	127	459	181	104	26	13	38	24
Maharashtra	Aurangabad-MH **	24	1401	59	-48%	229	6	-47%	38	26	258	43	20	3	11	9	6
Maharashtra	Bhandara	13	2326	176	22%	186	13	17%	56	47	292	88	34	18	11	26	15
Maharashtra	Bhiwandi Nizampur	11	1056	99	-7%	215	5	-39%	81	67	446	167	57	46	30	34	11
Maharashtra	Bid **	25	4920	196	87%	276	18	89%	44	39	506	80	35	17	14	15	6
Maharashtra	Buldana **	26	3845	148	12%	470	8	18%	73	49	607	94	37	24	13	19	13
Maharashtra	Chandrapur	24	4320	179	13%	383	11	3%	63	52	605	100	44	27	12	17	9
Maharashtra	Dhule	16	2537	162	4%	229	11	-2%	58	68	411	105	57	19	9	19	11
Maharashtra	Dhule MC	4	1271	303	11%	179	7	-10%	171	76	150	143	60	27	26	31	17
Maharashtra	Gadchiroli **	11	1706	151	5%	169	10	21%	60	54	285	101	47	27	12	15	8
Maharashtra	Gondiya	14	1983	142	-19%	184	11	-4%	53	48	330	94	40	19	18	17	9
Maharashtra	Hingoli **	11	1239	108	-9%	145	9	-16%	50	52	278	97	41	25	12	19	14
Maharashtra	Jaigaon	38	3906	102	-3%	357	11	17%	37	48	997	104	39	36	12	16	10
Maharashtra	Jaigaon MC	5	1476	328	3%	177	8	1%	157	54	137	122	45	43	17	16	10
Maharashtra	Jalna **	19	1458	78	-42%	219	7	-31%	47	47	399	85	35	23	8	19	13
Maharashtra	Kalyan Dombivli MC	14	1905	137	27%	273	7	22%	79	67	587	169	56	36	34	43	14
Maharashtra	Kolhapur	35	5778	164	-17%	451	13	-1%	51	46	701	79	40	15	13	12	6
Maharashtra	Kolhapur MC	6	696	123	3%	53	13	13%	38	38	125	89	31	20	23	15	6
Maharashtra	Latur **	24	4108	170	-3%	285	14	-8%	47	40	494	82	31	20	13	17	11

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Madhya Pradesh	Mandla †	22	8%	99%	79%	92%	76%	153	85%	178	99%	134	69%	266	85%
Madhya Pradesh	Mandsaur	36	11%	90%	62%	91%	80%	243	90%	269	100%	160	87%	182	38%
Madhya Pradesh	Morena	31	12%	92%	69%	91%	59%	210	83%	241	95%	76	66%	382	91%
Madhya Pradesh	Narsinghpur **	18	8%	93%	72%	85%	61%	102	75%	134	99%	75	67%	179	62%
Madhya Pradesh	Neemuch	11	4%	90%	85%	88%	80%	143	88%	160	98%	118	83%	196	64%
Madhya Pradesh	Panna **	8	5%	91%	73%	89%	70%	152	89%	168	99%	107	80%	8	4%
Madhya Pradesh	Raisen **	5	2%	90%	79%	92%	86%	65	52%	124	100%	52	54%	46	15%
Madhya Pradesh	Rajgarh	17	7%	91%	54%	90%	86%	143	97%	147	100%	130	81%	269	71%
Madhya Pradesh	Ratlam	34	10%	89%	67%	84%	69%	165	83%	191	96%	95	77%	355	75%
Madhya Pradesh	Rewa	44	6%	93%	80%	93%	67%	389	95%	409	100%	191	88%	702	85%
Madhya Pradesh	Sagar **	42	8%	90%	59%	88%	78%	367	84%	425	97%	156	55%	369	58%
Madhya Pradesh	Satna	54	8%	89%	76%	92%	73%	274	88%	301	96%	198	80%	595	74%
Madhya Pradesh	Sehore **	14	6%	92%	76%	88%	76%	117	93%	126	100%	95	84%	200	70%
Madhya Pradesh	Seoni **	7	4%	94%	68%	90%	78%	135	91%	137	93%	60	60%	205	87%
Madhya Pradesh	Shahdol	15	8%	88%	88%	95%	93%	91	88%	103	100%	74	39%	197	83%
Madhya Pradesh	Shajapur	34	10%	95%	94%	91%	87%	328	97%	336	99%	173	91%	363	77%
Madhya Pradesh	Sheopur	12	7%	89%	59%	82%	78%	136	78%	168	97%	60	67%	188	79%
Madhya Pradesh	Shivpuri	41	9%	92%	67%	92%	76%	315	92%	325	95%	190	86%	427	78%
Madhya Pradesh	Sidhi	33	13%	84%	67%	89%	89%	137	80%	156	91%	60	35%	301	88%
Madhya Pradesh	Singrauli	16	9%					72	68%	106	100%	39		124	57%
Madhya Pradesh	Tikamgarh **	9	4%	92%	84%	89%	77%	95	69%	138	100%	65	68%	127	48%
Madhya Pradesh	Ujjain	78	14%	90%	63%	89%	77%	358	96%	371	99%	162	84%	420	60%
Madhya Pradesh	Umaria	7	8%	91%	84%	91%	73%	62	91%	66	97%	50	76%	114	96%
Madhya Pradesh	Vidisha **	25	7%	81%	75%	85%	78%	197	91%	200	92%	125	82%	102	20%
Maharashtra	Ahmadnagar	35	5%	90%	70%	88%	61%	423	92%	459	100%	364	89%	87	10%
Maharashtra	Ahmednagar MC	4	6%	83%	50%	68%	67%	29	100%	29	100%	15	0%	0	0%
Maharashtra	Akola	9	4%	83%	63%	81%	45%	141	87%	162	99%	107	89%	202	74%
Maharashtra	Akola MC	12	12%	72%	44%	72%	41%	58	84%	69	100%	30	0%	10	8%
Maharashtra	Amravati MC	5	4%	90%	61%	82%	57%	86	93%	92	100%	64	93%	60	34%
Maharashtra	Amravati Rural	22	5%	90%	66%	81%	61%	242	78%	310	99%	139	67%	345	58%
Maharashtra	Aurangabad MC	16	4%	92%	82%	92%	86%	295	91%	316	97%	256	87%	123	27%
Maharashtra	Aurangabad-MH **	9	4%	91%	82%	87%	74%	138	89%	155	100%	139	93%	3	1%
Maharashtra	Bhandara	3	1%	91%	69%	77%	56%	143	88%	163	100%	72	71%	144	49%
Maharashtra	Bhiwandi Nizampur	51	14%	93%	71%	84%	59%	166	92%	181	100%	73	75%	169	38%
Maharashtra	Bid **	31	7%	92%	71%	86%	76%	238	94%	253	100%	132	61%	144	28%
Maharashtra	Buldana **	19	4%	87%	56%	80%	62%	264	81%	317	98%	134	63%	154	25%
Maharashtra	Chandrapur	19	4%	91%	66%	86%	51%	288	90%	318	99%	218	87%	248	41%
Maharashtra	Dhule	12	4%	93%	80%	86%	77%	250	93%	264	99%	173	76%	278	68%
Maharashtra	Dhule MC	7	6%	92%	76%	98%	82%	76	94%	80	99%	66	0%	15	10%
Maharashtra	Gadchiroli **	10	4%	88%	57%	85%	84%	137	88%	152	97%	99	88%	45	16%
Maharashtra	Gondiya	13	5%	80%	46%	83%	64%	140	81%	173	100%	92	69%	157	48%
Maharashtra	Hingoli **	12	5%	88%	76%	84%	62%	144	92%	149	95%	108	87%	196	71%
Maharashtra	Jalgaon	48	6%	90%	61%	85%	68%	373	79%	472	100%	242	70%	469	47%
Maharashtra	Jalgaon MC	6	5%	91%	64%	92%	73%	49	79%	62	100%	51	0%	8	6%
Maharashtra	Jalna **	9	3%	89%	79%	91%	82%	221	99%	224	100%	186	97%	164	41%
Maharashtra	Kalyan Dombivli MC	55	13%	89%	58%	72%	46%	221	91%	242	100%	104	85%	18	3%
Maharashtra	Kolhapur	55	9%	91%	76%	85%	55%	351	87%	404	100%	255	81%	197	28%
Maharashtra	Kolhapur MC	7	7%	77%	50%	78%	27%	50	94%	52	98%	36	92%	4	3%
Maharashtra	Latur **	20	5%	90%	63%	82%	45%	219	86%	254	100%	180	85%	254	51%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Maharashtra	Malegoan Corporation	5	1220	244	89%	137	9	22%	110	81	231	185	66	42	54	22	17
Maharashtra	Mira Bhayander	10	867	87	16%	157	6	-12%	63	58	237	95	45	8	17	25	13
Maharashtra	Mumbai	139	26240	189	8%	3490	8	17%	101	88	7475	216	59	49	47	60	31
Maharashtra	Nagpur MC	24	3787	159	-15%	509	7	-5%	85	59	813	136	50	20	40	26	9
Maharashtra	Nagpur Rural	23	3933	169	27%	445	9	0%	76	67	650	112	56	27	12	17	11
Maharashtra	Nanded **	28	3034	107	-13%	352	9	-3%	50	46	607	86	40	20	14	11	6
Maharashtra	Nanded Waghela MC	5	848	169	10%	103	8	1%	82	56	129	103	47	6	31	18	9
Maharashtra	Nandurbar *	15	1878	123	-6%	238	8	-13%	62	56	428	112	46	31	13	23	12
Maharashtra	Nashik	41	5426	134	11%	501	11	3%	49	52	900	89	46	23	10	11	7
Maharashtra	Nashik Corp	13	1935	154	13%	231	8	16%	74	63	394	126	56	38	9	23	9
Maharashtra	Navi Mumbai	8	3248	396	29%	360	9	26%	176	117	560	273	84	41	72	76	38
Maharashtra	Osmanabad **	17	1860	108	-4%	151	12	4%	35	32	274	64	26	17	9	11	7
Maharashtra	Parbhani **	17	2186	126	-2%	208	11	8%	48	47	376	87	41	23	12	10	7
Maharashtra	Pimpri Chinchwad	12	2573	220	3%	248	10	14%	85	68	452	154	52	22	48	32	16
Maharashtra	Pune	30	3893	132	13%	424	9	-6%	57	60	916	124	50	15	34	25	11
Maharashtra	Pune Rural	43	8507	199	1%	915	9	8%	85	57	1013	95	48	16	15	15	9
Maharashtra	Raigarh-Mh	26	4282	167	-3%	511	8	2%	80	74	900	140	57	25	26	33	19
Maharashtra	Ratnagiri	20	4257	215	14%	361	12	7%	73	69	639	129	56	28	11	33	13
Maharashtra	Sangli	25	5335	214	1%	411	13	-16%	66	59	715	114	51	23	16	24	9
Maharashtra	Sangli MC	5	719	141	4%	75	10	6%	59	38	129	101	29	24	27	22	9
Maharashtra	Satara	33	6117	188	-4%	514	12	-12%	63	57	891	109	48	30	14	17	10
Maharashtra	Sindhudurg	10	2422	241	-1%	122	20	15%	49	46	262	104	38	28	19	20	9
Maharashtra	Solapur	35	4375	126	-33%	405	11	-17%	47	44	639	74	40	15	9	10	5
Maharashtra	Solapur MC	10	1519	149	-9%	231	7	-2%	91	54	293	115	41	30	24	21	13
Maharashtra	Thane	32	5603	177	24%	632	9	28%	80	85	1461	184	69	43	32	40	18
Maharashtra	Thane MC	15	2784	190	10%	337	8	12%	92	69	738	201	49	41	58	53	22
Maharashtra	Ulhasnagar MC	6	875	159	5%	158	6	11%	115	74	205	149	57	37	10	44	17
Maharashtra	Wardha	14	2629	183	1%	232	11	-3%	65	49	300	84	37	10	18	19	12
Maharashtra	Washim	12	1289	109	838%	141	9	717%	47	46	264	89	34	27	13	15	13
Maharashtra	Yavatmal **	29	3857	135	1%	478	8	-19%	67	63	867	121	50	29	22	20	14
Manipur	Bishnupur	2	202	96	9%	28	7	11%	53	44	46	87	38	11	23	15	9
Manipur	Chandel *	1	185	147	-2%	9	21	61%	29	35	32	102	32	29	16	25	3
Manipur	Churachandpur *	2	588	251	4%	24	25	43%	41	38	84	143	31	44	32	36	7
Manipur	Imphal East	4	586	145	-11%	60	10	5%	59	50	170	168	44	50	44	32	8
Manipur	Imphal West	5	773	172	1%	90	9	1%	80	51	132	117	42	35	25	16	10
Manipur	Senapati *	4	206	53	-27%	30	7	-53%	31	33	62	64	28	6	20	10	6
Manipur	Tamenglong *	1	120	105	20%	13	9	-15%	45	45	17	59	31	3	10	14	14
Manipur	Thoubal	4	345	92	29%	35	10	19%	37	37	90	96	34	39	12	11	3
Manipur	Ukhrul *	1	173	120	42%	27	6	-17%	75	72	40	111	44	19	17	30	28
Meghalaya	East Garo Hills *	3	238	85	6%	21	11	64%	30	30	44	63	24	18	7	13	7
Meghalaya	East Khasi Hills *	8	2153	287	-3%	279	8	1%	149	78	440	234	55	49	70	59	34
Meghalaya	Jaintia Hills *	3	408	121	-20%	58	7	-27%	69	63	152	181	57	45	43	36	12
Meghalaya	Ri Bhoi *	2	378	173	-13%	60	6	-20%	110	100	117	214	77	42	44	49	29
Meghalaya	South Garo Hills *	1	135	120	41%	12	11	-64%	43	43	20	71	39	11	14	7	4
Meghalaya	West Garo Hills *	6	997	170	-9%	126	8	5%	86	73	152	104	68	13	11	12	8
Meghalaya	West Khasi Hills *	3	470	141	16%	41	11	22%	49	61	143	171	50	43	44	34	13

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Maharashtra	Malegoan Corporation	21	10%	86%	100%	88%	80%	99	95%	104	100%	75	0%	41	18%
Maharashtra	Mira Bhayander	11	6%	86%	63%	90%	53%	141	97%	145	100%	102	0%	13	5%
Maharashtra	Mumbai	542	10%	90%	71%	85%	66%	2817	90%	3063	98%	2242	84%	0	0%
Maharashtra	Nagpur MC	48	7%	90%	71%	85%	49%	282	79%	298	84%	184	65%	23	3%
Maharashtra	Nagpur Rural	21	4%	92%	81%	89%	71%	354	91%	391	100%	300	90%	302	46%
Maharashtra	Nanded **	21	4%	91%	61%	89%	84%	290	87%	321	96%	191	72%	277	46%
Maharashtra	Nanded Waghela MC	2	2%	93%	78%	90%	79%	60	86%	70	100%	44	59%	40	31%
Maharashtra	Nandurbar *	18	5%	93%	83%	87%	87%	183	84%	218	100%	107	59%	328	77%
Maharashtra	Nashik	77	10%	94%	87%	91%	76%	470	89%	508	96%	271	52%	407	45%
Maharashtra	Nashik Corp	25	8%	92%	80%	86%	78%	185	92%	201	100%	163	98%	42	11%
Maharashtra	Navi Mumbai	60	15%	90%	61%	88%	48%	237	95%	249	100%	177	100%	146	26%
Maharashtra	Osmanabad **	25	11%	90%	76%	84%	66%	116	83%	139	100%	106	77%	134	49%
Maharashtra	Parbhani **	12	4%	90%	71%	87%	72%	180	86%	209	100%	136	81%	92	24%
Maharashtra	Pimpri Chinchwad	40	11%	93%	74%	85%	62%	185	93%	196	98%	160	94%	7	2%
Maharashtra	Pune	58	8%	93%	69%	87%	61%	421	93%	442	98%	356	95%	77	8%
Maharashtra	Pune Rural	41	5%	91%	71%	88%	66%	491	80%	522	86%	428	81%	228	23%
Maharashtra	Raigarh-Mh	44	6%	90%	66%	81%	56%	425	88%	484	100%	272	77%	575	64%
Maharashtra	Ratnagiri	13	3%	91%	63%	90%	65%	323	94%	343	99%	230	91%	414	65%
Maharashtra	Sangli	29	5%	93%	66%	89%	59%	344	92%	373	100%	200	81%	116	16%
Maharashtra	Sangli MC	3	3%	93%	69%	86%	38%	44	92%	48	100%	34	76%	11	9%
Maharashtra	Satara	46	6%	92%	64%	86%	67%	434	92%	469	100%	289	78%	481	54%
Maharashtra	Sindhudurg	13	6%	91%	62%	89%	55%	109	93%	117	100%	98	87%	184	70%
Maharashtra	Solapur	29	5%	91%	68%	87%	67%	347	90%	385	99%	332	87%	120	19%
Maharashtra	Solapur MC	29	12%	85%	53%	83%	37%	118	87%	133	98%	106	95%	1	0%
Maharashtra	Thane	110	10%	92%	73%	86%	69%	572	84%	663	97%	509	83%	963	66%
Maharashtra	Thane MC	67	12%	89%	66%	83%	58%	220	84%	259	99%	206	96%	303	41%
Maharashtra	Ulhasnagar MC	13	9%	99%	52%	85%	53%	80	78%	94	91%	99	99%	12	6%
Maharashtra	Wardha	11	5%	92%	69%	82%	80%	139	79%	162	93%	134	88%	169	56%
Maharashtra	Washim	10	5%	85%	71%	87%	78%	110	79%	125	90%	88	88%	192	73%
Maharashtra	Yavatmal **	60	8%	89%	63%	87%	62%	359	79%	415	91%	244	83%	642	74%
Manipur	Bishnupur	0	0%	92%	60%	96%	88%	22	88%	25	100%	26	93%	40	87%
Manipur	Chandel *	1	4%	93%	78%	91%	60%	10	91%	11	100%	6	46%	16	50%
Manipur	Churachandpur *	11	17%	100%	100%	79%	75%	22	100%	22	100%	18	100%	33	39%
Manipur	Imphal East	1	1%	89%	80%	96%	83%	51	98%	52	100%	36	73%	84	49%
Manipur	Imphal West	5	4%	98%	90%	90%	50%	48	83%	48	83%	39	78%	70	53%
Manipur	Senapati *	5	10%	95%	86%	97%	100%	33	100%	33	100%	33	100%	0	0%
Manipur	Tamenglong *	1	8%	85%	100%	80%	100%	13	80%	9	69%	11	73%	12	71%
Manipur	Thoubal	0	0%	94%	83%	96%	75%	35	100%	35	100%	22	85%	63	70%
Manipur	Ukhrul *	3	10%	88%	67%	91%	40%	26	100%	26	100%	14	100%	25	63%
Meghalaya	East Garo Hills *	3	9%	90%	100%	79%	88%	18	82%	10	45%	23	74%	19	43%
Meghalaya	East Khasi Hills *	46	14%	82%	51%	71%	51%	151	91%	163	98%	84	88%	278	63%
Meghalaya	Jaintia Hills *	21	17%	75%	50%	86%	64%	36	62%	58	100%	25	63%	152	100%
Meghalaya	Ri Bhoi *	10	11%	69%	73%	71%	50%	55	95%	56	97%	27	100%	109	93%
Meghalaya	South Garo Hills *	2	11%	86%	50%	95%	100%	8	67%	10	83%	8	38%	14	70%
Meghalaya	West Garo Hills *	9	7%	94%	88%	93%	61%	110	100%	110	100%	115	92%	45	30%
Meghalaya	West Khasi Hills *	19	17%	89%	69%	90%	57%	48	91%	53	100%	33	73%	43	30%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Mizoram	Aizawl *	4	1075	281	32%	75	14	62%	78	65	342	357	42	97	133	86	25
Mizoram	Champhai *	1	198	173	29%	14	14	2%	49	42	30	105	32	21	39	14	11
Mizoram	Kolasib *	1	201	293	48%	9	22	217%	52	41	31	180	29	52	70	29	17
Mizoram	Lawngtlai *	1	85	103	-12%	4	21	34%	19	19	34	165	19	73	53	19	0
Mizoram	Lunglei *	2	267	173	-8%	29	9	69%	75	70	56	145	65	8	62	10	5
Mizoram	Mamit *	1	118	168	-5%	11	11	-56%	63	46	22	125	46	40	11	28	11
Mizoram	Saiha *	1	193	282	47%	13	15	37%	76	88	60	350	82	134	111	23	6
Mizoram	Serchhip *	1	123	197	58%	8	15	-20%	51	45	13	83	38	19	19	6	6
Nagaland	Dimapur *	3	997	286	25%	207	5	-25%	238	139	261	300	102	68	45	85	41
Nagaland	Kiphire *	1	129	122	5%	14	9	-31%	53	57	29	110	38	8	34	30	19
Nagaland	Kohima *	3	385	152	15%	59	7	17%	93	69	110	174	54	33	55	32	17
Nagaland	Longleng *	1	122	96	-5%	9	14	-15%	28	28	23	73	25	13	28	6	3
Nagaland	Mokokchung *	3	328	129	12%	47	7	14%	74	73	81	128	55	27	22	24	19
Nagaland	Mon *	3	615	210	-15%	47	13	-19%	64	89	158	215	64	63	48	41	26
Nagaland	Peren *	1	89	88	12%	7	13	47%	28	51	25	99	28	39	0	32	32
Nagaland	Phhek *	2	106	63	17%	22	5	-35%	52	47	39	92	40	12	21	19	12
Nagaland	Tuensang *	2	269	113	8%	36	7	-3%	60	60	120	201	42	44	85	30	18
Nagaland	Wokha *	2	368	203	-7%	38	10	-11%	84	84	43	95	75	9	2	9	9
Nagaland	Zunheboto *	2	211	119	8%	20	11	-56%	45	45	25	56	45	11	0	0	0
Orissa	Anugul	13	2159	171	12%	195	11	3%	62	52	266	84	42	15	14	13	10
Orissa	Balangir **	15	1872	126	3%	254	7	-8%	69	62	539	145	55	51	18	19	8
Orissa	Baleshwar	22	2805	125	20%	370	8	-2%	66	57	511	91	49	22	10	10	9
Orissa	Bargarh	15	1759	118	10%	200	9	-5%	54	57	426	114	51	27	26	10	6
Orissa	Bhadrak	15	1246	84	-15%	86	14	-1%	23	21	188	51	20	13	14	4	1
Orissa	Bhubaneswar MC	7	1179	164	1%	153	8	-4%	85	42	208	116	34	16	46	16	9
Orissa	Boudh	4	376	91	-7%	53	7	-20%	51	65	106	102	52	10	18	22	13
Orissa	Cuttack	26	2496	96	-1%	322	8	3%	50	27	406	62	21	9	21	11	7
Orissa	Debagarh	3	300	99	-2%	33	9	-4%	43	46	66	87	33	16	21	17	13
Orissa	Dhenkanal	12	1524	129	-22%	186	8	-22%	63	63	285	96	52	10	19	16	13
Orissa	Gajapati †	6	927	161	3%	175	5	4%	122	100	253	176	90	33	27	26	11
Orissa	Ganjam	35	5102	147	7%	732	7	-10%	84	76	1445	166	62	44	31	29	16
Orissa	Jagatsinghpur	12	1492	127	1%	86	17	-27%	29	26	126	43	20	4	12	7	5
Orissa	Jajapur	18	1652	92	6%	192	9	0%	43	42	373	83	38	17	20	9	5
Orissa	Jharsuguda	6	999	177	-17%	101	10	-2%	71	69	197	139	57	36	27	20	13
Orissa	Kalahandi **	15	1930	130	5%	266	7	14%	72	65	497	134	57	36	21	20	8
Orissa	Kandhamal †	7	1256	175	-5%	156	8	-9%	87	76	255	142	63	29	29	19	13
Orissa	Kendrapara	14	1648	114	-2%	141	12	-6%	39	39	226	63	35	10	10	8	5
Orissa	Kendujhar	17	2920	168	3%	430	7	0%	99	90	765	177	77	46	30	24	15
Orissa	Khordha	14	1230	90	7%	137	9	10%	40	39	273	80	33	15	22	9	7
Orissa	Koraput †	13	1942	149	-6%	348	6	-1%	106	84	403	123	73	22	13	14	11
Orissa	Malkangiri *	5	775	145	-27%	161	5	-21%	121	123	221	166	107	31	8	20	17
Orissa	Mayurbhanj †	25	4307	175	-2%	809	5	-11%	131	120	1201	195	105	48	18	24	15
Orissa	Nabarangapur †	11	1027	91	28%	153	7	32%	54	50	240	85	45	28	4	7	6
Orissa	Nayagarh	10	1598	167	-7%	220	7	5%	92	72	347	145	50	29	26	40	25
Orissa	Nuapada †	6	1017	173	18%	111	9	30%	75	67	238	162	56	72	15	18	12
Orissa	Puri	17	1704	102	-4%	140	12	12%	34	33	348	84	27	20	21	15	7
Orissa	Rayagada †	9	1713	187	-2%	279	6	-10%	122	93	347	152	79	37	15	21	17

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Mizoram	Aizawl *	48	18%	92%	65%	86%	61%	64	100%	64	100%	53	72%	27	8%
Mizoram	Champhai *	5	19%	92%	100%	91%	67%	12	100%	12	100%	11	100%	16	53%
Mizoram	Kolasib *	2	8%	90%	86%	93%	89%	5	63%	5	63%	3	17%	10	32%
Mizoram	Lawngtlai *	4	13%	100%	50%	86%	100%	4	100%	4	100%	5	56%	30	88%
Mizoram	Lunglei *	7	13%	91%		95%	100%	27	100%	27	100%	23	96%	12	21%
Mizoram	Mamit *	3	18%	60%	50%	80%	50%	9	90%	9	90%	4	80%	11	50%
Mizoram	Saiha *	9	16%	88%	100%	100%	100%	15	100%	15	100%	10	100%	15	25%
Mizoram	Serchhip *	3	25%	100%	100%	100%	100%	6	86%	6	86%	1	20%	5	38%
Nagaland	Dimapur *	19	10%	90%	84%	86%	77%	99	79%	125	100%	50	60%	132	51%
Nagaland	Kiphire *	4	19%	100%	100%	86%	100%	15	100%	15	100%	14	100%	10	34%
Nagaland	Kohima *	2	2%	94%	100%	97%	75%	45	100%	45	100%	45	100%	104	95%
Nagaland	Longleng*	1	5%	100%	50%	100%	67%	9	100%	9	100%	11	100%	0	0%
Nagaland	Mokokchung *	7	11%	97%	70%	89%	88%	44	94%	47	100%	47	100%	25	31%
Nagaland	Mon *	17	13%	92%	89%	98%	100%	0	0%	0	0%	0	0%	0	0%
Nagaland	Peren *	2	12%	100%		100%	100%	0	0%	0	0%	0	0%	0	0%
Nagaland	Phek *	2	6%	88%	100%	100%	100%	18	82%	22	100%	17	100%	24	62%
Nagaland	Tuensang *	18	18%	92%	82%	93%	75%	36	100%	36	100%	28	90%	80	67%
Nagaland	Wokha *	3	8%	100%	100%	100%	100%	37	97%	38	100%	35	100%	28	65%
Nagaland	Zunheboto *	2	8%	96%	100%	80%	100%	20	100%	20	100%	13	100%	5	20%
Orissa	Anugul	14	6%	95%	64%	90%	62%	134	81%	165	99%	105	81%	192	72%
Orissa	Balangir **	23	5%	93%	43%	84%	88%	191	83%	228	99%	90	53%	500	93%
Orissa	Baleshwar	6	1%	90%	82%	88%	73%	256	79%	318	98%	158	81%	418	82%
Orissa	Bargarh	13	3%	90%	60%	88%	77%	167	78%	208	98%	120	75%	398	93%
Orissa	Bhadrak	6	3%	91%	56%	91%	78%	60	75%	78	98%	53	72%	188	100%
Orissa	Bhubaneshwar MC	30	17%	81%	70%	75%	52%	67	85%	74	94%	38	75%	65	31%
Orissa	Boudh	4	5%	89%	33%	87%	67%	53	79%	67	100%	47	80%	99	93%
Orissa	Cuttack	14	4%	91%	70%	92%	67%	143	79%	179	98%	100	54%	363	89%
Orissa	Debagarh	2	4%	85%	43%	89%	100%	32	91%	35	100%	36	100%	66	100%
Orissa	Dhenkanal	16	7%	94%	73%	93%	64%	167	87%	191	100%	127	77%	256	90%
Orissa	Gajapati †	24	11%	87%	36%	81%	35%	125	86%	141	97%	62	65%	19	8%
Orissa	Ganjam	96	8%	87%	54%	81%	61%	552	82%	664	98%	311	71%	1005	70%
Orissa	Jagatsinghpur	4	4%	95%	80%	94%	64%	69	92%	74	99%	60	82%	126	100%
Orissa	Jajapur	9	3%	95%	85%	93%	89%	162	84%	185	96%	162	82%	307	82%
Orissa	Jharsuguda	4	2%	90%	70%	92%	52%	86	87%	93	94%	81	88%	190	96%
Orissa	Kalahandi **	32	8%	82%	47%	85%	54%	206	86%	234	98%	149	64%	22	4%
Orissa	Kandhamal †	20	9%	91%	70%	91%	80%	108	79%	130	95%	56	55%	235	92%
Orissa	Kendrapara	11	6%	98%	83%	97%	78%	129	90%	144	100%	132	96%	216	96%
Orissa	Kendujhar	31	5%	85%	65%	86%	30%	351	88%	397	100%	259	88%	12	2%
Orissa	Khordha	32	13%	92%	78%	86%	79%	120	88%	137	100%	113	81%	14	5%
Orissa	Koraput †	18	5%	89%	62%	87%	70%	222	81%	272	99%	169	75%	238	59%
Orissa	Malkangiri *	5	3%	84%	65%	83%	79%	137	83%	150	91%	92	63%	100	45%
Orissa	Mayurbhanj †	23	2%	88%	67%	87%	69%	608	82%	734	99%	464	85%	1053	88%
Orissa	Nabarangapur †	8	4%	91%	86%	86%	79%	126	88%	132	92%	104	85%	234	98%
Orissa	Nayagarh	13	5%	71%	36%	57%	34%	166	93%	174	97%	39	53%	7	2%
Orissa	Nuapada †	4	2%	92%	64%	88%	71%	92	92%	100	100%	78	81%	90	38%
Orissa	Puri	29	10%	88%	77%	88%	70%	135	96%	141	100%	102	78%	338	97%
Orissa	Rayagada †	15	5%	90%	80%	89%	67%	167	76%	219	100%	155	74%	309	89%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Orissa	Sambalpur	10	2011	195	0%	227	9	-13%	88	54	343	133	43	36	35	19	12
Orissa	Sonapur	6	797	133	11%	70	11	35%	47	53	163	109	46	23	25	15	7
Orissa	Sundargarh †	20	3926	193	10%	506	8	-4%	100	83	828	163	67	45	25	26	16
Puducherry	Puducherry	14	5760	414	-2%	673	9	4%	194	58	371	107	42	23	23	19	17
Punjab	Amritsar	22	3513	159	5%	658	5	-20%	119	87	950	172	62	30	42	38	26
Punjab	Barnala	6	1122	183	32%	138	8	18%	90	78	156	102	65	8	14	14	13
Punjab	Bathinda	13	2350	176	-7%	371	6	-36%	111	103	539	162	68	28	20	45	36
Punjab	Faridkot	6	1245	200	5%	216	6	-17%	138	105	300	192	67	35	42	49	40
Punjab	Fatehgarh Sahib	6	1190	195	1%	124	10	-12%	81	79	183	120	61	9	25	26	19
Punjab	Firozpur	20	2671	136	-5%	387	7	-10%	79	74	548	111	52	15	15	29	22
Punjab	Gurdaspur	24	3845	162	25%	500	8	-8%	84	80	734	124	57	19	17	31	23
Punjab	Hoshiarpur	17	2556	153	-5%	278	9	-2%	67	61	436	104	44	21	16	23	19
Punjab	Jalandhar	22	3543	161	13%	547	6	-5%	99	77	748	136	54	17	32	32	25
Punjab	Kapurthala	8	1631	192	31%	178	9	-6%	84	81	255	120	62	15	20	24	20
Punjab	Ludhiana	34	5283	154	-1%	764	7	-19%	89	73	1257	147	55	30	34	28	20
Punjab	Mansa-PN	8	1781	229	9%	181	10	19%	93	76	250	129	57	23	22	27	22
Punjab	Moga	10	1185	118	8%	226	5	-4%	90	86	311	124	70	19	14	21	16
Punjab	Mohali	7	1402	187	28%	145	10	-5%	77	96	345	184	72	20	61	32	26
Punjab	Muktsar	9	1450	165	-3%	218	7	-19%	99	82	293	134	59	22	21	31	26
Punjab	Nawanshahr	7	1013	153	1%	146	7	-8%	88	89	201	121	74	9	21	17	15
Punjab	Patiala	21	3676	177	4%	480	8	-9%	92	65	666	128	45	18	35	30	22
Punjab	Rupnagar	8	1538	205	5%	169	9	5%	90	83	243	129	66	16	26	22	17
Punjab	Sangrur	16	3542	216	16%	312	11	8%	76	77	607	148	52	43	22	31	27
Punjab	Tarn Taran	13	1848	146	17%	252	7	2%	80	83	377	119	56	14	17	32	27
Rajasthan	Ajmer	26	3723	142	-6%	734	5	-8%	112	92	1203	184	57	39	35	52	39
Rajasthan	Alwar	36	4335	121	1%	704	6	-16%	78	82	1435	160	64	51	24	20	18
Rajasthan	Banswara †	18	1967	109	-9%	553	4	-8%	123	131	810	180	93	32	13	41	38
Rajasthan	Baran	12	1823	148	-12%	290	6	7%	94	88	516	168	63	48	17	40	30
Rajasthan	Barmer	24	2856	121	8%	305	9	12%	52	53	619	105	40	34	9	21	14
Rajasthan	Bharatpur	25	2650	105	17%	403	7	-5%	64	67	773	123	49	37	9	28	21
Rajasthan	Bhilwara	24	4145	172	6%	926	4	-5%	153	133	1375	228	80	48	38	62	54
Rajasthan	Bikaner	23	3767	165	10%	553	7	-6%	97	77	633	111	56	5	22	28	21
Rajasthan	Bundi	12	1220	106	4%	207	6	21%	72	75	412	143	52	39	18	34	25
Rajasthan	Chittaurgarh	22	3398	157	37%	481	7	10%	89	103	922	170	68	39	21	43	39
Rajasthan	Churu	20	2146	105	16%	364	6	-2%	71	64	624	122	44	35	18	26	20
Rajasthan	Dausa	16	2036	129	-1%	294	7	-24%	74	71	578	146	52	50	15	29	20
Rajasthan	Dhaulpur	12	1837	156	-7%	323	6	-18%	109	91	500	169	71	47	16	35	23
Rajasthan	Dungarpur †	13	1519	114	-6%	504	3	-24%	152	137	755	227	101	62	17	47	39
Rajasthan	Ganganagar	21	2945	137	8%	415	7	-4%	77	75	782	146	61	37	25	23	16
Rajasthan	Hanumangarh	18	2290	126	4%	422	5	6%	93	88	702	154	60	34	21	39	31
Rajasthan	Jaipur	31	8756	279	25%	1212	7	-15%	154	164	2565	326	105	69	67	85	62
Rajasthan	Jaipur DTC																
Rajasthan	Jaisalmer	6	1258	206	39%	107	12	1%	70	64	150	98	50	18	13	18	14
Rajasthan	Jalore	17	1819	105	16%	326	6	-7%	75	89	645	148	69	37	8	35	23

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Orissa	Sambalpur	20	7%	91%	55%	85%	71%	130	90%	144	100%	98	66%	343	100%
Orissa	Sonapur	6	4%	81%	45%	84%	45%	64	80%	80	100%	40	55%	16	10%
Orissa	Sundargarh †	24	3%	93%	78%	89%	59%	325	77%	424	100%	217	74%	802	97%
Puducherry	Puducherry	46	15%	89%	74%	83%	75%	164	80%	179	87%	148	95%	0	0%
Punjab	Amritsar	76	10%	91%	77%	86%	72%	460	95%	482	100%	427	100%	732	77%
Punjab	Barnala	5	4%	95%	94%	92%	78%	109	92%	118	99%	59	79%	38	24%
Punjab	Bathinda	18	5%	91%	79%	87%	78%	338	97%	349	100%	296	100%	134	25%
Punjab	Faridkot	8	4%	90%	65%	85%	73%	163	98%	166	100%	113	100%	70	23%
Punjab	Fatehgarh Sahib	9	6%	93%	59%	86%	64%	98	80%	122	100%	72	90%	76	42%
Punjab	Firozpur	18	4%	91%	61%	85%	73%	331	91%	353	97%	220	81%	136	25%
Punjab	Gurdaspur	23	4%	92%	87%	92%	78%	426	89%	475	100%	361	90%	59	8%
Punjab	Hoshiarpur	15	4%	94%	91%	90%	76%	257	97%	266	100%	222	98%	123	28%
Punjab	Jalandhar	40	7%	92%	73%	87%	75%	396	91%	417	96%	44	13%	178	24%
Punjab	Kapurthala	10	5%	87%	96%	93%	75%	171	99%	173	100%	111	87%	61	24%
Punjab	Ludhiana	116	11%	87%	74%	84%	66%	573	89%	640	99%	547	94%	348	28%
Punjab	Mansa-PN	9	5%	91%	77%	91%	86%	153	100%	153	100%	154	98%	0	0%
Punjab	Moga	7	3%	98%	95%	91%	80%	210	98%	209	97%	176	91%	80	26%
Punjab	Mohali	23	8%	95%	78%	87%	67%	160	87%	183	100%	135	98%	109	32%
Punjab	Muktsar	11	5%	91%	72%	93%	91%	180	96%	187	100%	145	96%	70	24%
Punjab	Nawanshahr	6	3%	96%	85%	94%	87%	145	98%	148	100%	111	95%	34	17%
Punjab	Patiala	20	4%	86%	72%	79%	59%	309	90%	335	97%	239	89%	58	9%
Punjab	Rupnagar	6	3%	96%	71%	90%	95%	149	96%	156	100%	147	94%	47	19%
Punjab	Sangrur	29	6%	88%	71%	88%	57%	200	62%	213	66%	168	72%	48	8%
Punjab	Tarn Taran	13	5%	90%	68%	92%	90%	263	100%	263	100%	198	100%	18	5%
Rajasthan	Ajmer	77	9%	91%	63%	85%	71%	532	85%	605	96%	428	86%	232	19%
Rajasthan	Alwar	49	4%	94%	85%	91%	79%	686	92%	744	100%	580	91%	353	25%
Rajasthan	Banswara †	26	4%	93%	84%	91%	84%	512	86%	554	93%	302	66%	125	15%
Rajasthan	Baran	19	5%	92%	86%	89%	79%	264	93%	285	100%	216	87%	171	33%
Rajasthan	Barmer	15	3%	89%	74%	90%	84%	280	88%	318	100%	223	86%	16	3%
Rajasthan	Bharatpur	36	6%	93%	86%	87%	78%	362	83%	424	97%	174	67%	97	13%
Rajasthan	Bhilwara	70	7%	91%	77%	89%	73%	743	92%	798	99%	537	92%	83	6%
Rajasthan	Bikaner	30	6%	89%	78%	88%	72%	383	87%	387	88%	307	86%	85	13%
Rajasthan	Bundi	11	4%	91%	64%	89%	61%	210	95%	219	99%	138	90%	53	13%
Rajasthan	Chittaurgarh	28	4%	90%	79%	87%	74%	438	76%	529	92%	365	88%	73	8%
Rajasthan	Churu	45	9%	88%	75%	87%	77%	293	89%	312	95%	220	91%	69	11%
Rajasthan	Dausa	24	5%	92%	84%	90%	75%	242	85%	278	98%	161	75%	73	13%
Rajasthan	Dhaulpur	25	6%	93%	75%	88%	76%	214	77%	271	97%	183	81%	90	18%
Rajasthan	Dungarpur †	32	5%	91%	76%	91%	82%	354	76%	466	100%	303	79%	204	27%
Rajasthan	Ganganagar	25	4%	91%	79%	88%	79%	377	91%	413	100%	328	86%	123	16%
Rajasthan	Hanumangarh	43	8%	91%	83%	86%	79%	381	92%	388	94%	360	90%	41	6%
Rajasthan	Jaipur	140	7%	94%	81%	91%	71%	0	0%	0	0%	885	83%	118	5%
Rajasthan	Jaipur DTC														
Rajasthan	Jaisalmer	3	2%	91%	72%	90%	71%	89	91%	88	90%	72	89%	9	6%
Rajasthan	Jalore	7	1%	92%	82%	94%	84%	365	91%	394	99%	299	86%	9	1%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Rajasthan	Jhalawar	14	1366	96	-7%	321	4	-9%	91	76	445	126	51	28	12	34	29
Rajasthan	Jhunjhunun	23	2405	105	-2%	332	7	-3%	58	61	626	109	42	19	18	31	23
Rajasthan	Jodhpur	35	5426	157	20%	711	8	-3%	82	63	1197	138	47	37	29	26	17
Rajasthan	Karauli	14	2306	159	-1%	334	7	1%	92	90	579	160	56	52	9	42	37
Rajasthan	Kota	19	2567	136	20%	441	6	7%	94	80	756	161	56	48	22	34	26
Rajasthan	Nagaur	33	3037	91	5%	477	6	-8%	57	56	962	115	37	37	15	26	20
Rajasthan	Pali	22	2296	105	-10%	421	5	-20%	77	73	708	130	53	40	12	25	21
Rajasthan	Rajsamand	12	1276	108	6%	279	5	6%	94	93	456	154	65	35	19	34	29
Rajasthan	Sawai Madhopur	13	1976	147	-9%	324	6	-18%	97	94	557	166	65	35	24	41	31
Rajasthan	Sikar	27	3327	121	15%	421	8	3%	61	58	693	101	36	26	10	28	23
Rajasthan	Sirohi	10	1474	144	-12%	282	5	-23%	110	107	402	157	83	23	16	35	25
Rajasthan	Tonk	15	2356	162	4%	448	5	-2%	123	125	815	224	83	57	32	52	44
Rajasthan	Udaipur	32	6683	211	16%	1826	4	0%	231	119	1547	196	87	43	25	40	34
Sikkim	East Sikkim	3	1066	385	7%	116	9	-12%	167	124	204	294	94	56	74	71	38
Sikkim	North Sikkim *	0.5	81	174	12%	13	6	-12%	112	164	41	353	78	103	78	95	86
Sikkim	South Sikkim **	1.5	371	249	27%	42	9	-11%	113	142	95	255	83	46	54	73	59
Sikkim	West Sikkim **	1.4	280	201	38%	28	10	-10%	80	80	62	178	69	23	46	40	34
Tamil Nadu	Chennai	46	19158	418	18%	1577	12	12%	138	74	1757	154	54	35	39	26	21
Tamil Nadu	Coimbatore	32	6023	189	22%	501	12	5%	63	52	683	86	41	13	16	15	11
Tamil Nadu	Cuddalore	25	8179	330	7%	299	27	26%	48	54	875	141	42	46	34	20	12
Tamil Nadu	Dharmapuri	14	3186	228	-10%	138	23	28%	40	44	319	91	34	30	12	15	9
Tamil Nadu	Dindigul	21	6164	296	23%	622	10	-7%	119	67	774	149	54	51	27	17	14
Tamil Nadu	Erode	22	6344	295	1%	592	11	-13%	110	60	535	100	48	20	14	17	14
Tamil Nadu	Kanchipuram	31	4074	131	19%	312	13	-1%	40	71	1202	154	54	39	39	22	17
Tamil Nadu	Kanyakumari	18	6399	353	41%	353	18	3%	78	56	392	86	44	18	10	14	12
Tamil Nadu	Karur	10	1448	143	-10%	122	12	8%	48	61	290	114	51	35	12	16	12
Tamil Nadu	Krishnagiri	17	3174	189	-18%	201	16	-22%	48	46	352	84	38	18	17	10	8
Tamil Nadu	Madurai	28	7151	257	10%	731	10	-6%	105	62	856	123	48	32	23	20	16
Tamil Nadu	Nagapattinam	16	2553	158	3%	209	12	-20%	52	53	407	101	43	33	13	11	10
Tamil Nadu	Namakkal	16	2268	140	-12%	195	12	10%	48	59	408	100	46	23	17	14	13
Tamil Nadu	Perambalur	13	1778	139	-5%	172	10	0%	54	47	315	98	39	27	22	10	8
Tamil Nadu	Pudukottai	16	2918	185	3%	192	15	-12%	49	41	319	81	33	23	12	13	9
Tamil Nadu	Ramanathapuram	13	3106	242	-2%	160	19	11%	50	60	404	126	49	44	18	14	13
Tamil Nadu	Salem	32	4845	149	-4%	462	10	-4%	57	47	789	97	37	22	22	16	10
Tamil Nadu	Sivaganga	12	2829	226	-10%	231	12	-24%	74	49	319	102	41	35	14	12	8
Tamil Nadu	Thanjavur	24	7024	293	-12%	441	16	-17%	74	60	629	105	48	27	14	16	13
Tamil Nadu	The Nilgiris	8	1162	140	-10%	35	33	14%	17	18	68	33	14	6	9	3	3
Tamil Nadu	Theni	12	3482	293	5%	253	14	-13%	85	68	497	167	56	64	20	27	15
Tamil Nadu	Thiruvallur	30	8661	291	1%	380	23	-12%	51	76	1082	146	59	29	36	21	18
Tamil Nadu	Thiruvarur	13	1910	151	4%	162	12	-1%	51	52	389	123	43	56	11	13	9
Tamil Nadu	Tiruchirappalli	26	7528	290	16%	433	17	38%	67	58	916	141	54	47	33	8	4
Tamil Nadu	Tirunelveli	30	6408	211	5%	427	15	3%	56	54	892	117	41	42	17	18	15
Tamil Nadu	Tiruppur	20	2477	121		201	12		39	59	619	121	48	44	13	16	12
Tamil Nadu	Tiruvanamalai	24	6099	257	2%	445	14	24%	75	70	823	139	57	40	23	19	14
Tamil Nadu	Toothukudi	17	3462	204	-7%	287	12	2%	68	61	458	108	48	31	14	15	14
Tamil Nadu	Vellore	38	18208	481	16%	759	24	2%	80	68	1355	143	56	34	35	18	13

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Rajasthan	Jhalawar	9	3%	90%	75%	90%	72%	254	89%	283	99%	181	84%	76	17%
Rajasthan	Jhunjhunun	36	8%	90%	69%	87%	72%	313	85%	368	100%	253	83%	21	3%
Rajasthan	Jodhpur	41	4%	95%	78%	90%	77%	468	85%	545	99%	335	74%	70	6%
Rajasthan	Karauli	15	4%	93%	80%	92%	77%	249	74%	336	100%	202	77%	161	28%
Rajasthan	Kota	41	7%	91%	74%	90%	76%	352	91%	362	93%	284	87%	154	20%
Rajasthan	Nagaur	48	6%	89%	73%	87%	82%	427	90%	456	96%	308	86%	112	12%
Rajasthan	Pali	33	6%	91%	78%	88%	78%	339	84%	383	95%	215	72%	47	7%
Rajasthan	Rajsamand	17	5%	91%	74%	88%	72%	240	86%	269	96%	160	83%	105	23%
Rajasthan	Sawai Madhopur	16	4%	92%	80%	88%	78%	282	88%	322	100%	226	90%	92	17%
Rajasthan	Sikar	34	7%	92%	83%	88%	76%	335	84%	370	92%	253	85%	35	5%
Rajasthan	Sirohi	21	7%	94%	79%	86%	78%	254	92%	274	99%	205	90%	53	13%
Rajasthan	Tonk	35	6%	91%	82%	89%	74%	441	95%	464	100%	433	90%	187	23%
Rajasthan	Udaipur	41	3%	92%	81%	91%	85%	763	80%	940	99%	562	75%	548	35%
Sikkim	East Sikkim	12	8%	88%	63%	82%	61%	85	93%	89	98%	76	96%	45	22%
Sikkim	North Sikkim *	5	17%	86%	100%	50%	67%	6	32%	6	32%	3	60%	18	44%
Sikkim	South Sikkim **	6	9%	93%	100%	83%	38%	53	100%	53	100%	30	100%	69	73%
Sikkim	West Sikkim **	2	4%	90%	78%	97%	89%	32	89%	36	100%	37	97%	30	48%
Tamil Nadu	Chennai	128	9%	92%	72%	87%	60%	715	83%	853	99%	611	89%	134	8%
Tamil Nadu	Coimbatore	23	4%	90%	65%	83%	56%	352	84%	420	100%	275	85%	191	28%
Tamil Nadu	Cuddalore	123	16%	95%	78%	92%	85%	254	76%	311	93%	302	92%	40	5%
Tamil Nadu	Dharmapuri	11	4%	89%	71%	86%	56%	116	76%	148	97%	105	80%	16	5%
Tamil Nadu	Dindigul	95	14%	92%	69%	85%	72%	282	80%	348	99%	166	62%	424	55%
Tamil Nadu	Erode	2	0%	92%	53%	82%	46%	260	79%	330	100%	225	82%	155	29%
Tamil Nadu	Kanchipuram	104	10%	93%	74%	88%	63%	482	86%	550	99%	460	95%	307	26%
Tamil Nadu	Kanyakumari	19	6%	92%	79%	88%	64%	224	87%	257	100%	119	70%	228	58%
Tamil Nadu	Karur	13	5%	94%	89%	88%	92%	129	81%	158	99%	116	79%	35	12%
Tamil Nadu	Krishnagiri	21	7%	91%	80%	88%	67%	162	83%	190	97%	149	88%	51	14%
Tamil Nadu	Madurai	84	12%	86%	57%	81%	63%	410	92%	391	88%	348	95%	65	8%
Tamil Nadu	Nagapattinam	30	8%	93%	44%	90%	59%	175	81%	185	86%	135	70%	78	19%
Tamil Nadu	Namakkal	20	6%	92%	73%	91%	60%	181	75%	240	100%	209	92%	174	43%
Tamil Nadu	Perambalur	25	9%	95%	68%	81%	59%	125	83%	137	91%	100	79%	43	14%
Tamil Nadu	Pudukottai	18	7%	91%	54%	88%	71%	116	70%	140	84%	97	82%	108	34%
Tamil Nadu	Ramanathapuram	89	25%	90%	46%	87%	66%	171	86%	200	100%	155	88%	115	28%
Tamil Nadu	Salem	42	6%	90%	59%	84%	50%	319	82%	386	100%	169	47%	210	27%
Tamil Nadu	Sivaganga	23	8%	92%	85%	90%	85%	115	74%	129	83%	119	77%	74	23%
Tamil Nadu	Thanjavur	41	8%	82%	60%	84%	58%	358	98%	364	100%	272	92%	165	26%
Tamil Nadu	The Nilgiris	6	10%	94%	63%	82%	0%	36	97%	37	100%	42	100%	37	54%
Tamil Nadu	Theni	38	9%	88%	66%	81%	55%	159	75%	209	98%	105	76%	52	10%
Tamil Nadu	Thiruvallur	56	6%	94%	83%	89%	73%	482	84%	575	100%	342	84%	270	25%
Tamil Nadu	Thiruvavur	63	18%	91%	48%	84%	54%	135	82%	163	99%	101	84%	47	12%
Tamil Nadu	Tiruchirappalli	64	7%	92%	84%	90%	87%	359	95%	373	99%	375	100%	283	31%
Tamil Nadu	Tirunelveli	47	6%	89%	72%	82%	59%	345	81%	419	99%	223	72%	223	25%
Tamil Nadu	Tiruppur	24	4%	89%	64%			252	82%	309	100%	0	0%	41	7%
Tamil Nadu	Tiruvanamalai	57	8%	92%	84%	91%	72%	278	66%	402	95%	336	88%	301	37%
Tamil Nadu	Toothukudi	33	8%	88%	68%	86%	63%	242	93%	260	100%	237	88%	142	31%
Tamil Nadu	Vellore	42	4%	90%	75%	91%	71%	515	80%	647	100%	440	83%	773	57%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Tamil Nadu	Villupuram	32	4613	144	-81%	429	11	-82%	54	70	1238	155	52	45	32	26	18
Tamil Nadu	Virudhunagar	19	4261	224	26%	382	11	3%	80	61	650	137	50	57	13	17	14
Tripura	Dhalai *	3	516	148	6%	31	17	32%	36	41	52	60	37	9	6	8	6
Tripura	North Tripura	7	640	96	-6%	56	11	-25%	33	33	107	64	29	22	4	10	6
Tripura	South Tripura	9	1261	146	26%	112	11	-11%	52	51	163	75	43	13	7	12	9
Tripura	West Tripura	17	2983	172	8%	304	10	-5%	70	58	386	89	50	12	15	12	9
Uttar Pradesh	Agra	44	9844	225	4%	1650	6	-6%	151	118	2131	195	77	24	29	61	42
Uttar Pradesh	Aligarh	36	7325	203	4%	1050	7	-10%	116	100	1599	177	80	47	22	28	20
Uttar Pradesh	Allahabad	60	10767	180	0%	1641	7	-15%	110	85	1905	128	61	25	12	30	26
Uttar Pradesh	Ambedkar Nagar	24	2173	89	-2%	402	5	-4%	66	63	528	86	56	13	8	9	8
Uttar Pradesh	Auraiya	14	2373	166	16%	394	6	-2%	111	104	490	137	77	19	6	35	28
Uttar Pradesh	Azamgarh	48	5544	116	13%	831	7	-13%	70	62	1187	99	49	21	7	23	13
Uttar Pradesh	Baghpat	14	1525	108	-25%	309	5	-28%	88	86	439	125	61	16	16	32	26
Uttar Pradesh	Bahraich **	32	4275	132	-14%	681	6	-11%	84	78	1288	159	61	63	17	18	17
Uttar Pradesh	Ballia	33	3100	93	20%	495	6	-9%	59	61	838	101	56	28	9	7	5
Uttar Pradesh	Balrampur	20	2559	126	3%	324	8	1%	64	62	622	122	58	48	9	8	5
Uttar Pradesh	Banda **	18	2483	137	-6%	389	6	-17%	86	70	533	118	51	21	13	32	24
Uttar Pradesh	Barabanki **	37	5261	142	-1%	887	6	-15%	96	93	1328	144	72	30	15	26	22
Uttar Pradesh	Bareilly	44	9256	213	7%	1268	7	-9%	117	90	1599	147	63	32	13	38	28
Uttar Pradesh	Basti **	25	2798	112	6%	504	6	-15%	81	75	781	125	67	30	16	12	9
Uttar Pradesh	Bijnor **	38	5650	149	-11%	789	7	-18%	83	79	995	105	68	6	15	17	12
Uttar Pradesh	Budaun **	37	9215	248	29%	1191	8	-8%	128	124	1693	182	90	41	4	47	34
Uttar Pradesh	Bulandshahar	35	5887	167	-5%	905	7	-13%	102	104	1790	203	82	60	26	35	23
Uttar Pradesh	Chandauli	20	1947	98	-11%	314	6	-11%	63	58	404	82	48	8	9	15	10
Uttar Pradesh	Chitrakoot	10	1543	159	39%	180	9	20%	74	70	351	145	55	46	14	30	17
Uttar Pradesh	Deoria	33	3132	95	21%	565	6	-30%	68	62	709	86	54	9	10	13	10
Uttar Pradesh	Etah	19	3891	207	9%	629	6	-23%	134	123	806	172	96	24	17	36	29
Uttar Pradesh	Etawah	16	2881	178	-23%	443	7	-7%	109	96	615	152	67	22	29	34	30
Uttar Pradesh	Faizabad	21	3160	153	14%	480	7	-15%	93	86	783	152	76	43	16	18	11
Uttar Pradesh	Farrukhabad	19	2719	143	-1%	428	6	-10%	90	75	604	127	60	31	17	20	17
Uttar Pradesh	Fatehpur **	28	4308	155	4%	526	8	-3%	75	70	769	110	55	21	11	23	16
Uttar Pradesh	Firozabad	25	3374	136	23%	595	6	6%	96	85	959	155	58	22	28	47	27
Uttar Pradesh	Gautam Budh Nagar	14	3071	213	14%	508	6	-22%	141	119	954	265	84	51	77	53	37
Uttar Pradesh	Ghaziabad	40	8458	213	12%	1252	7	-3%	126	130	2653	267	101	57	56	52	29
Uttar Pradesh	Ghaziipur	37	2676	73	-22%	493	5	-18%	53	55	689	75	48	10	5	12	8
Uttar Pradesh	Gonda	33	3320	99	9%	684	5	-22%	82	70	1192	143	62	52	13	16	9
Uttar Pradesh	Gorakhpur	46	5656	124	6%	908	6	-19%	79	67	951	83	61	6	7	10	7
Uttar Pradesh	Hamirpur-UP **	13	2708	215	55%	309	9	23%	98	85	419	133	67	30	9	27	19
Uttar Pradesh	Hardoi **	41	6169	150	-15%	1029	6	-22%	100	96	1695	165	79	53	9	24	18
Uttar Pradesh	Hathras	16	2050	127	-17%	329	6	-10%	82	72	365	91	57	3	9	21	15
Uttar Pradesh	Jalaun **	18	2468	140	-9%	331	7	-8%	75	74	662	150	55	50	11	34	22
Uttar Pradesh	Jaunpur	47	4825	102	1%	825	6	-3%	70	64	1389	117	57	36	13	11	8
Uttar Pradesh	Jhansi **	21	3176	150	63%	519	6	9%	98	74	645	122	54	27	10	32	21
Uttar Pradesh	Jyotiba Phule Nagar **	18	3751	207	-2%	452	8	-10%	100	98	579	128	73	22	6	26	24

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Tamil Nadu	Villupuram	104	10%	92%	77%	90%	72%	452	80%	542	96%	364	84%	558	45%
Tamil Nadu	Virudhunagar	89	16%	90%	70%	83%	69%	210	69%	298	98%	138	54%	245	38%
Tripura	Dhalai *	1	2%	97%	67%	97%	100%	34	92%	31	84%	37	97%	49	94%
Tripura	North Tripura	2	2%	92%	64%	84%	63%	46	79%	54	93%	45	83%	88	82%
Tripura	South Tripura	2	1%	91%	92%	92%	73%	87	78%	108	97%	50	81%	76	47%
Tripura	West Tripura	4	1%	88%	71%	89%	71%	207	81%	257	100%	173	82%	145	38%
Uttar Pradesh	Agra	220	15%	92%	65%	91%	67%	1166	90%	1300	100%	764	85%	1851	87%
Uttar Pradesh	Aligarh	89	7%	93%	78%	91%	82%	727	80%	908	100%	535	84%	727	45%
Uttar Pradesh	Allahabad	78	5%	90%	73%	86%	72%	1202	93%	1288	100%	699	78%	1531	80%
Uttar Pradesh	Ambedkar Nagar	8	2%	90%	82%	92%	76%	345	88%	380	97%	239	82%	399	76%
Uttar Pradesh	Auraiya	21	6%	90%	72%	88%	87%	331	88%	375	100%	269	86%	432	88%
Uttar Pradesh	Azamgarh	39	4%	91%	78%	85%	75%	674	91%	738	99%	324	75%	364	31%
Uttar Pradesh	Baghpat	17	5%	92%	89%	87%	85%	271	89%	305	100%	222	90%	314	72%
Uttar Pradesh	Bahraich **	39	3%	89%	80%	87%	77%	605	95%	636	100%	495	92%	1078	84%
Uttar Pradesh	Ballia	25	3%	96%	95%	91%	79%	475	93%	492	97%	287	88%	459	55%
Uttar Pradesh	Balrampur	18	3%	91%	75%	86%	63%	319	100%	319	100%	225	93%	442	71%
Uttar Pradesh	Banda **	21	5%	94%	90%	93%	75%	313	92%	339	100%	267	90%	375	70%
Uttar Pradesh	Barabanki **	78	7%	95%	85%	92%	82%	836	97%	863	100%	544	80%	958	72%
Uttar Pradesh	Bareilly	57	5%	90%	69%	87%	68%	865	87%	992	100%	682	100%	1312	82%
Uttar Pradesh	Basti **	43	6%	93%	84%	86%	66%	431	91%	474	100%	267	89%	654	84%
Uttar Pradesh	Bijnor **	42	5%	91%	75%	87%	73%	700	92%	756	100%	548	96%	842	85%
Uttar Pradesh	Budaun **	56	4%	96%	87%	93%	87%	1114	96%	1156	100%	819	93%	1245	74%
Uttar Pradesh	Bulandshahar	112	8%	95%	86%	93%	83%	860	93%	927	100%	599	91%	926	52%
Uttar Pradesh	Chandauli	19	6%	91%	80%	87%	76%	268	94%	286	100%	191	92%	368	91%
Uttar Pradesh	Chitrakoot	12	4%	93%	82%	91%	87%	136	79%	172	100%	132	89%	182	52%
Uttar Pradesh	Deoria	33	6%	95%	81%	86%	60%	470	90%	522	100%	211	73%	758	107%
Uttar Pradesh	Etah	49	8%	93%	91%	96%	94%	490	84%	583	100%	334	84%	680	84%
Uttar Pradesh	Etawah	46	10%	91%	68%	85%	64%	354	90%	392	100%	265	79%	517	84%
Uttar Pradesh	Faizabad	44	6%	91%	85%	88%	84%	412	93%	445	100%	329	91%	644	82%
Uttar Pradesh	Farrukhabad	37	7%	92%	85%	86%	80%	293	80%	366	100%	261	82%	261	43%
Uttar Pradesh	Fatehpur **	22	4%	90%	77%	89%	85%	461	92%	497	100%	342	90%	557	72%
Uttar Pradesh	Firozabad	142	21%	89%	54%	85%	64%	459	87%	524	99%	288	80%	868	91%
Uttar Pradesh	Gautam Budh Nagar	64	8%	92%	74%	92%	83%	410	94%	435	100%	252	82%	739	77%
Uttar Pradesh	Ghaziabad	185	9%	95%	89%	92%	86%	1268	98%	1282	99%	1084	96%	1794	68%
Uttar Pradesh	Ghazipur	27	5%	88%	81%	87%	71%	469	92%	512	100%	312	83%	666	97%
Uttar Pradesh	Gonda	40	4%	93%	88%	92%	87%	514	87%	588	100%	239	56%	617	52%
Uttar Pradesh	Gorakhpur	32	4%	93%	77%	90%	75%	663	85%	776	100%	494	79%	769	81%
Uttar Pradesh	Hamirpur-UP **	16	5%	91%	85%	89%	76%	224	83%	266	99%	139	81%	202	48%
Uttar Pradesh	Hardoi **	60	4%	91%	84%	87%	71%	889	89%	990	99%	623	89%	1206	71%
Uttar Pradesh	Hathras	29	10%	95%	82%	92%	86%	245	85%	289	100%	188	91%	316	87%
Uttar Pradesh	Jalaun **	26	5%	91%	75%	88%	76%	306	91%	325	96%	240	92%	505	76%
Uttar Pradesh	Jaunpur	45	4%	92%	77%	89%	69%	678	88%	771	100%	515	86%	901	65%
Uttar Pradesh	Jhansi **	11	2%	89%	69%	88%	76%	358	90%	395	99%	221	78%	239	37%
Uttar Pradesh	Jyotiba Phule Nagar **	11	2%	92%	89%	90%	85%	417	94%	443	100%	327	91%	260	45%

**Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter),
and Treatment Outcomes (2010, First quarter)**

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per s+ case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
Uttar Pradesh	Kannauj	17	2661	159	-14%	379	7	-20%	91	88	506	121	69	21	11	20	19
Uttar Pradesh	Kanpur Dehat **	19	2477	129	4%	440	6	-8%	92	85	520	109	69	9	9	22	17
Uttar Pradesh	Kanpur Nagar	50	8496	170	3%	1584	5	-19%	127	97	1941	155	69	20	24	43	30
Uttar Pradesh	Kanshiram Nagar	15	1971	132	-1%	339	6	-33%	91	84	461	123	73	24	12	14	12
Uttar Pradesh	Kaushambi	16	3109	199	15%	414	8	11%	106	105	731	187	84	50	10	42	22
Uttar Pradesh	Kheri	39	5240	135	10%	799	7	-16%	83	77	1243	129	60	35	7	26	18
Uttar Pradesh	Kushinagar	35	3413	98	8%	675	5	-35%	77	73	820	94	66	12	7	8	6
Uttar Pradesh	Lalitpur **	12	1662	141	-3%	272	6	-7%	92	74	301	102	53	12	9	27	21
Uttar Pradesh	Lucknow	45	9871	222	-8%	1554	6	-12%	140	85	1673	150	60	33	23	35	27
Uttar Pradesh	Maharajanj **	26	2336	89	-16%	342	7	-16%	52	52	479	73	45	13	5	9	7
Uttar Pradesh	Mahoba **	9	1414	165	819%	212	7	603%	99	97	240	112	64	3	8	37	34
Uttar Pradesh	Mainpuri	19	1951	101	-12%	279	7	0%	58	51	381	79	42	17	9	11	10
Uttar Pradesh	Mathura	25	3425	137	-15%	551	6	-17%	88	78	752	120	64	25	13	18	15
Uttar Pradesh	Mau **	22	2920	131	38%	360	8	-8%	64	62	533	95	56	23	5	11	5
Uttar Pradesh	Meerut	36	7718	213	-5%	1032	7	-10%	114	106	1644	181	83	37	31	31	24
Uttar Pradesh	Mirzapur	26	4369	171	6%	558	8	-5%	87	84	879	138	63	38	8	30	22
Uttar Pradesh	Moradabad **	45	6789	150	-5%	1145	6	-17%	101	95	1298	115	74	8	10	22	21
Uttar Pradesh	Muzaffarnagar	43	8134	190	0%	1123	7	-25%	105	101	1717	160	76	31	22	30	25
Uttar Pradesh	Pilibhit **	20	4047	204	-3%	527	8	-19%	106	81	543	109	62	10	10	28	21
Uttar Pradesh	Pratapgarh **	33	5171	157	20%	619	8	-6%	75	74	998	121	64	24	12	20	11
Uttar Pradesh	Rae Bareli **	35	3612	104	-2%	642	6	-20%	74	67	1287	148	56	60	14	18	12
Uttar Pradesh	Rampur	23	4099	176	-12%	582	7	-15%	100	93	857	147	69	32	14	32	26
Uttar Pradesh	Saharanpur	34	6987	203	10%	986	7	-9%	115	105	1350	157	76	17	26	37	29
Uttar Pradesh	Sant Kabir Nagar **	17	1658	96	-6%	259	6	-33%	60	57	491	114	51	33	19	12	7
Uttar Pradesh	Sant Ravidas Nagar	16	3273	200	10%	411	8	1%	101	101	726	178	82	52	11	33	19
Uttar Pradesh	Shahjahanpur	31	5053	164	14%	693	7	-15%	90	79	880	114	62	21	9	23	17
Uttar Pradesh	Shravasti **	11	1282	120	-2%	215	6	-11%	81	79	277	104	66	16	7	15	14
Uttar Pradesh	Siddharthnagar **	25	2498	101	0%	403	6	-23%	65	64	556	90	57	18	6	9	8
Uttar Pradesh	Sitapur **	44	7119	163	10%	828	9	2%	76	70	1704	156	55	59	10	31	15
Uttar Pradesh	Sonbhadra	18	1848	104	-1%	357	5	-2%	81	75	437	99	63	11	9	15	13
Uttar Pradesh	Sultanpur	39	4322	112	-1%	702	6	-24%	73	67	915	95	58	18	5	13	10
Uttar Pradesh	Unnao **	33	3596	110	-25%	533	7	-12%	65	73	1070	131	53	33	17	28	21
Uttar Pradesh	Varanasi	38	5898	155	4%	863	7	-3%	91	75	1363	143	64	36	23	20	12
Uttarakhand	Almora	7	1174	159	-12%	155	8	-43%	84	73	177	96	57	4	14	21	15
Uttarakhand	Bageshwar	3	502	172	8%	69	7	-29%	94	96	90	123	71	10	18	25	25
Uttarakhand	Chamoli	4	530	122	55%	72	7	9%	67	66	146	135	45	24	25	37	21
Uttarakhand	Champawat	3	400	152	-2%	35	11	15%	53	53	62	94	36	17	14	27	18
Uttarakhand	Dehradun	15	3958	264	1%	629	6	-4%	168	82	632	169	54	36	40	39	29
Uttarakhand	Garhwal	8	1460	179	14%	200	7	-4%	98	69	227	111	51	24	13	23	18
Uttarakhand	Hardwar	17	2144	127	-4%	334	6	-16%	79	69	529	125	51	28	20	26	19
Uttarakhand	Nainital	9	2016	225	53%	382	5	6%	171	114	468	209	68	37	31	73	47
Uttarakhand	Pithoragarh	5	772	142	-5%	104	7	-7%	77	71	152	112	56	16	19	21	18
Uttarakhand	Rudraprayag	3	359	135	-10%	55	7	-7%	82	79	83	124	48	24	13	39	31
Uttarakhand	Tehri Garhwal	7	894	126	21%	92	10	7%	52	62	198	112	38	19	19	36	25
Uttarakhand	Udhamsingh Nagar	14	2436	168	1%	326	7	-14%	90	79	559	154	57	44	19	34	23
Uttarakhand	Uttarkashi	3	498	144	-29%	63	8	-28%	73	74	130	151	55	37	29	30	22
West Bengal	Bankura	36	6747	189	3%	645	10	5%	72	61	970	109	53	24	20	12	8
West Bengal	Bardhaman	77	14212	184	10%	1386	10	6%	72	61	2250	117	49	29	16	23	14
West Bengal	Birbhum	34	6354	189	5%	838	8	-9%	100	75	1047	125	63	30	12	19	13
West Bengal	Dakshin Dinajpur	17	3110	186	-7%	399	8	-9%	95	83	555	132	73	22	19	19	13

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
Uttar Pradesh	Kannauj	27	6%	94%	85%	92%	84%	338	92%	369	100%	298	93%	386	76%
Uttar Pradesh	Kanpur Dehat **	22	5%	92%	76%	92%	81%	366	89%	412	100%	306	96%	376	72%
Uttar Pradesh	Kanpur Nagar	125	9%	90%	75%	86%	72%	1004	81%	1104	89%	631	83%	970	50%
Uttar Pradesh	Kanshiram Nagar	32	8%	92%	83%	97%	100%	272	86%	317	100%	197	75%	410	89%
Uttar Pradesh	Kaushambi	24	4%	98%	99%	97%	98%	404	98%	414	100%	408	95%	731	100%
Uttar Pradesh	Kheri	46	5%	91%	79%	90%	82%	642	84%	761	100%	442	82%	1052	85%
Uttar Pradesh	Kushinagar	34	5%	94%	86%	92%	96%	572	90%	631	99%	302	80%	775	95%
Uttar Pradesh	Lalitpur **	19	9%	86%	77%	89%	85%	209	95%	221	100%	160	91%	202	67%
Uttar Pradesh	Lucknow	79	6%	85%	65%	82%	63%	909	94%	964	100%	794	100%	572	34%
Uttar Pradesh	Maharajganj **	18	4%	96%	89%	94%	80%	301	88%	330	97%	279	90%	361	75%
Uttar Pradesh	Mahoba **	3	2%	92%	88%	92%	77%	191	91%	208	99%	152	90%	201	84%
Uttar Pradesh	Mainpuri	19	6%	93%	79%	93%	81%	251	100%	251	100%	112	54%	381	100%
Uttar Pradesh	Mathura	36	6%	94%	76%	87%	68%	446	90%	492	100%	379	94%	502	67%
Uttar Pradesh	Mau **	19	4%	95%	80%	95%	82%	319	92%	345	100%	196	93%	435	82%
Uttar Pradesh	Meerut	82	6%	94%	81%	92%	83%	900	93%	957	99%	739	92%	1408	86%
Uttar Pradesh	Mirzapur	44	6%	95%	86%	95%	94%	508	94%	535	99%	403	91%	628	71%
Uttar Pradesh	Moradabad **	38	4%	91%	76%	87%	76%	1004	93%	1071	99%	615	82%	980	76%
Uttar Pradesh	Muzaffarnagar	66	5%	92%	76%	87%	74%	954	88%	1085	100%	692	90%	1187	69%
Uttar Pradesh	Pilibhit **	18	4%	90%	86%	84%	72%	394	96%	406	99%	278	90%	374	69%
Uttar Pradesh	Pratapgarh **	28	3%	92%	89%	93%	89%	579	93%	621	100%	324	70%	822	82%
Uttar Pradesh	Rae Bareilly **	45	4%	89%	75%	86%	72%	514	87%	588	100%	407	88%	1119	87%
Uttar Pradesh	Rampur	41	6%	92%	71%	89%	73%	513	94%	548	100%	405	91%	155	18%
Uttar Pradesh	Saharanpur	44	4%	90%	79%	91%	79%	840	93%	907	100%	608	90%	1085	80%
Uttar Pradesh	Sant Kabir Nagar **	18	4%	91%	69%	90%	81%	195	79%	223	90%	170	75%	384	78%
Uttar Pradesh	Sant Ravidas Nagar	28	5%	96%	91%	93%	92%	388	94%	408	99%	325	100%	566	78%
Uttar Pradesh	Shahjahanpur	43	6%	91%	91%	87%	80%	529	87%	601	99%	438	90%	598	68%
Uttar Pradesh	Shravasti **	6	3%	92%	77%	90%	69%	196	92%	213	100%	142	90%	227	82%
Uttar Pradesh	Siddharthnagar **	22	4%	93%	94%	95%	85%	344	86%	399	100%	238	86%	396	71%
Uttar Pradesh	Sitapur **	74	5%	90%	80%	91%	83%	708	92%	772	100%	458	90%	1047	61%
Uttar Pradesh	Sonbhadra	23	6%	94%	86%	92%	88%	312	93%	331	99%	224	74%	430	98%
Uttar Pradesh	Sultanpur	30	4%	91%	82%	93%	83%	612	93%	658	100%	504	88%	0	0%
Uttar Pradesh	Unnao **	47	6%	94%	91%	87%	86%	561	93%	601	100%	506	95%	840	79%
Uttar Pradesh	Varanasi	107	9%	91%	79%	88%	73%	664	92%	716	99%	528	88%	972	71%
Uttarakhand	Almora	11	8%	97%	88%	92%	77%	120	90%	133	99%	79	88%	96	54%
Uttarakhand	Bageshwar	4	6%	93%	100%	81%	74%	69	99%	70	100%	35	67%	40	44%
Uttarakhand	Chamoli	4	4%	84%	89%	100%	73%	63	88%	72	100%	55	83%	57	39%
Uttarakhand	Champawat	4	9%	88%	86%	86%	88%	29	81%	36	100%	38	84%	44	71%
Uttarakhand	Dehradun	46	9%	89%	76%	81%	72%	243	78%	296	95%	217	82%	454	72%
Uttarakhand	Garhwal	13	7%	93%	76%	83%	84%	117	83%	125	89%	91	71%	137	60%
Uttarakhand	Hardwar	41	10%	90%	73%	85%	73%	254	86%	293	99%	123	67%	300	57%
Uttarakhand	Nainital	23	8%	88%	74%	80%	60%	245	95%	250	97%	160	100%	171	37%
Uttarakhand	Pithoragarh	11	9%	90%	83%	85%	61%	88	88%	100	100%	64	79%	75	49%
Uttarakhand	Rudrapur	2	4%	90%	83%	87%	81%	45	85%	53	100%	46	79%	36	43%
Uttarakhand	Tehri Garhwal	4	3%	93%	88%	89%	81%	90	81%	111	100%	78	81%	151	76%
Uttarakhand	Udhamsingh Nagar	41	9%	90%	70%	83%	62%	277	95%	282	97%	214	96%	167	30%
Uttarakhand	Uttarkashi	6	6%	94%	60%	86%	78%	56	85%	66	100%	54	82%	94	72%
West Bengal	Bankura	21	2%	93%	85%	89%	75%	435	80%	503	92%	448	88%	224	23%
West Bengal	Bardhaman	76	4%	90%	66%	87%	60%	885	73%	1115	92%	604	62%	663	29%
West Bengal	Birbhum	25	3%	87%	64%	82%	58%	524	81%	491	76%	390	85%	155	15%
West Bengal	Dakshin Dinajpur	14	3%	86%	71%	84%	63%	249	69%	294	82%	264	90%	96	17%

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	Population (in lakh) covered by RNTCP ¹	No. of suspects examined	Suspects examined per lakh population	Rate of change in suspects examined per lakh population (compared to same quarter in previous year)	No of Smear positive patients diagnosed ²	Suspects examined per smear positive case diagnosed	Rate of change in suspects examined per + case diagnosed (compared to same quarter in previous year)	Annualized smear positive case detection rate (from PMR)	Annualized smear positive case notification rate [from CFR: sm + cases (NSP + Rel + TAD) * 4 / Pop]	Total patients registered for treatment ³	Annualized total case notification rate	Annualized new smear positive case notification rate	Annualized new smear negative case notification rate	Annualized new extra pulmonary case notification rate	Annualized previously treated case notification rate	Annualized previously treated smear positive case notification rate
West Bengal	Darjiling **	18	3639	203	-5%	486	7	13%	109	85	812	181	59	32	41	49	34
West Bengal	Haora	48	7891	165	1%	910	9	-12%	76	62	1352	113	45	18	21	30	21
West Bengal	Hugli	56	7391	131	3%	910	8	-5%	65	56	1457	104	46	19	20	19	11
West Bengal	Jalpaiguri **	38	9744	257	10%	971	10	10%	102	94	1575	166	76	30	27	32	22
West Bengal	Koch Bihar **	28	5010	181	-14%	378	13	3%	55	47	610	88	39	18	18	13	10
West Bengal	Kolkata	51	10836	212	6%	1306	8	0%	102	63	1653	129	42	17	33	37	24
West Bengal	Maldah **	37	6969	190	4%	752	9	10%	82	71	1126	123	60	24	15	24	14
West Bengal	Medinipur East	49	5772	117	-10%	460	13	-14%	37	31	620	50	26	7	9	9	5
West Bengal	Medinipur West	58	7981	137	4%	1034	8	-15%	71	57	1554	107	49	24	15	19	8
West Bengal	Murshidabad	65	12427	190	1%	1301	10	-11%	80	69	1864	114	57	21	16	19	15
West Bengal	Nadia	51	10408	203	10%	764	14	10%	59	51	1182	92	41	17	14	20	11
West Bengal	North 24 Parganas	100	13442	135	-4%	1461	9	-5%	59	57	2393	96	46	13	16	21	13
West Bengal	Puruliya	28	4400	156	-2%	453	10	-9%	64	56	937	133	48	49	9	26	10
West Bengal	South 24 Parganas	77	11938	155	-5%	990	12	4%	51	50	1675	87	41	15	15	16	11
West Bengal	Uttar Dinajpur	27	4095	150	12%	448	9	-5%	66	57	598	88	49	14	11	14	9
Grand Total		11925	1985671	167	5%	235008	8	-3.3%	79	67	369206	124	52	28	19	25	16
Summary of performance of Tribal Districts		530	72077	136	-2.4%	10126	7	-1.7%	76	72	17891	135	59	36	17	23	15
Summary of performance of Poor and Backward Districts		2664	324216	122	0.3%	40403	8	2.4%	61	57	69015	104	46	28	10	19	12
Zonal Analysis																	
North Zone		3022	501569	166	4%	72062	7	-11%	95	83	109262	145	63	29	23	30	21
South Zone		2476	602684	243	15%	47527	13	9%	77	62	73536	119	49	29	20	21	15
West Zone		3384	516712	153	6%	66820	8	0%	79	69	108051	128	52	29	19	28	18
East zone		2599	357343	137	6%	40952	9	1%	63	54	65005	100	45	24	12	19	10
North East		444	58363	132	1%	7647	8	0.7%	69	58	13352	120	47	30	20	24	13

Performance of RNTCP Case Detection (2011, First quarter), Smear Conversion (2010, Fourth quarter), and Treatment Outcomes (2010, First quarter)

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients ⁴	3 month conversion rate of retreatment patients ⁴	Treatment Success rate of new smear positive patients ⁵	Treatment success rate among smear positive previously treated cases ⁵	No (%) of all Smear Positive cases started RNTCP DOTS within 7 days of diagnosis		No (%) of all Smear Positive cases registered within one month of starting RNTCP DOTS treatment		No (%) of all cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases (all forms of TB) registered receiving DOT through a community volunteer	
		No	%					No	%	No	%	No	%	No	%
West Bengal	Darjiling **	40	7%	92%	58%	82%	49%	338	81%	373	90%	234	76%	367	45%
West Bengal	Haora	95	10%	88%	65%	79%	61%	666	86%	754	97%	528	90%	569	42%
West Bengal	Hugli	47	4%	90%	68%	86%	67%	569	71%	786	98%	509	78%	386	26%
West Bengal	Jalpaiguri **	83	7%	91%	64%	86%	60%	871	93%	920	98%	749	94%	150	10%
West Bengal	Koch Bihar **	3	1%	89%	73%	85%	70%	269	79%	311	91%	233	77%	128	21%
West Bengal	Kolkata	143	12%	83%	61%	78%	60%	740	87%	846	100%	708	98%	419	25%
West Bengal	Maldah **	50	6%	90%	67%	81%	61%	465	68%	594	87%	491	78%	123	11%
West Bengal	Medinipur East	10	2%	88%	56%	82%	60%	289	75%	364	94%	241	65%	81	13%
West Bengal	Medinipur West	28	2%	91%	76%	88%	73%	653	78%	0	0%	481	76%	171	11%
West Bengal	Murshidabad	76	5%	93%	72%	89%	67%	937	80%	1129	96%	798	83%	383	21%
West Bengal	Nadia	23	2%	89%	58%	88%	67%	571	85%	662	99%	539	84%	230	19%
West Bengal	North 24 Parganas	76	4%	88%	62%	85%	61%	1375	94%	1456	99%	1149	93%	1381	58%
West Bengal	Puruliya	26	3%	91%	78%	87%	72%	326	79%	384	93%	318	85%	124	13%
West Bengal	South 24 Parganas	67	5%	88%	65%	85%	63%	783	78%	992	99%	681	84%	452	27%
West Bengal	Uttar Dinajpur	23	5%	91%	68%	85%	56%	344	87%	384	97%	285	82%	106	18%
Grand Total		20438	7%	91%	73%	87%	70%	179059	87%	197191	96%	135832	84%	174907	47%

Summary of performance of Tribal Districts	910	6%	90%	74%	88%	72%	8281	85%	9330	96%	5836	77%	9560	53%
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Summary of performance of Poor and Backward Districts	3198	6%	90%	74%	89%	75%	33662	87%	37659	97%	25037	80%	38279	55%
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Zonal Analysis

North Zone	6040	7%	92%	78%	89%	75%	57618	91%	62399	98%	43248	87%	55799	51%
South Zone	4802	8%	90%	71%	86%	66%	34266	87%	38194	97%	25684	83%	42238	57%
West Zone	6034	7%	91%	72%	88%	70%	51199	87%	56462	96%	39168	84%	39817	37%
East zone	2877	5%	89%	69%	87%	68%	30286	84%	33928	94%	23296	80%	32071	49%
North East	685	6%	88%	69%	86%	64%	5690	86%	6208	94%	4436	78%	4982	37%

* Tribal Districts (more than 50% tribal population) ** Poor/Backward District † Tribal & Poor/Backward Districts

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, 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, Kerala is 50

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

2 Smear positive patients diagnosed include new smear positive cases and smear positive retreatment cases

3 Total patients registered for treatment includes new sputum smear positive cases, new smear negative cases, new extra-pulmonary cases, new others ,relapse,failure,TAD and retreatment others

4 Sputum Conversion rate is not expected for new districts that began implementing RNTCP in 4th quarter 2010

5 Cure rate and Success rate are not expected for new districts that began implementing RNTCP after 4th quarter 2009

Values for grey areas are not expected

**Referral of TB Suspects from ICTCs to RNTCP diagnostic units (1th quarter 2011)
(Reported by Phase-I states implementing Joint TB-HIV Action Plan)**

	Andhra Pradesh		Karnataka		Maharashtra		Manipur		Mizoram		Nagaland		Tamil Nadu		Total	
Total Population (In lakhs)	847		594		1126		24		10		22		674		3297	
Total No. of districts	24		31		55		9		8		11		31		169	
	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative
1. Number of TB suspects referred from VCTCs to RNTCP facilities*	7779	11070	6172	13399	8797	25364	417	192	120	8	67	354	4513	19224	27865	69611
2. Out of the above persons, number diagnosed as having TB:																
a) Sputum Positive TB	449	1117	378	806	460	1775	3	11	1	0	6	30	212	944	1509	4683
b) Sputum Negative TB	203	318	158	196	248	607	2	4	1	0	3	8	121	210	736	1343
c) Extra-Pulmonary TB	56	77	102	101	157	256	5	0	0	0	1	5	70	58	391	497
d) Total diagnosed TB patients	708	1512	638	1103	865	2638	10	15	2	0	10	43	403	1212	2636	6523
3. Out of above total diagnosed TB patients (d), number receiving DOTS	517	1262	561	2106	672	2423	10	15	1	0	10	41	343	1038	2114	6885

Source of data: Monthly reports on TB-HIV cross referrals submitted by individual ICTC to the respective state SACS

Treatment Outcome of HIV positive TB patients registered in First quarter 2011

States	All TB-HIV NSP Total Case Registered	Treatment Success	Died	Failure	Default	Transferred Out
Andhra Pradesh	1249	81%	12%	2%	4%	0%
Goa	14	64%	21%	14%	0%	0%
Gujarat	186	72%	19%	2%	6%	1%
Karnataka	663	67%	23%	2%	8%	1%
Maharashtra	1016	70%	15%	1%	4%	10%
Manipur	6	100%	0%	0%	0%	0%
Mizoram	3	33%	33%	0%	33%	0%
Nagaland	6	100%	50%	0%	0%	-50%
Pondicherry	3	67%	0%	0%	33%	0%
Tamil Nadu	395	73%	17%	4%	7%	0%
Grand Total	3541	74%	16%	2%	5%	3%

States	All TB-HIV Total Case Registered	Treatment Success	Died	Failure	Default	Transferred out
Andhra Pradesh	3147	82%	12%	1%	5%	-1%
Goa	45	80%	13%	7%	0%	0%
Gujarat	688	75%	15%	1%	9%	1%
Karnataka	2252	70%	18%	1%	8%	3%
Maharashtra	3097	79%	13%	1%	6%	2%
Manipur	31	65%	16%	3%	3%	13%
Mizoram	41	76%	12%	2%	10%	0%
Nagaland	26	81%	12%	0%	8%	0%
Pondicherry	5	60%	20%	0%	20%	0%
Tamil Nadu	1427	80%	12%	2%	5%	1%
Grand Total	10759	78%	14%	1%	6%	1%

Proportion of HIV positive TB patients receiving CPT and ART during TB treatment, First quarter 2011

States	% CPT	% ART
Andhra Pradesh	91%	43%
Goa	100%	82%
Gujarat	93%	71%
Karnataka	98%	66%
Maharashtra	93%	57%
Manipur	61%	48%
Mizoram	90%	59%
Nagaland	92%	31%
Pondicherry	100%	20%
Tamil Nadu	83%	58%
Grand Total	92%	56%

**DOTS Plus Implementation, Diagnosis, 6 months interim, 12 months Culture Conversion and Treatment Outcome of MDR TB Case
(Reported by DOTS Plus Sites of Implementing States)**

State	Indicators on Coverage of MDR TB Services						Indicators on MDR TB Case Finding					Indicators on 6 months interim report						
	Total Population (In lacs)	Total number of districts	Number of districts implementing DOTS Plus	Population of districts implementing DOTS Plus (in lacs)	% population with access to MDR TB services under RNTCP in 1Q11	Number of DOTS Plus Sites functional in the state	Number of S+ Re-treatment cases registered in districts implementing DOTS Plus in 1Q11	Number of MDR TB Suspects subjected to C-DST in 1Q11	Proportion of S+ RT cases registered in districts implementing DOTS Plus who were tested for MDR-TB §	Number of MDR TB Cases detected in 1Q11	Number of MDR TB Cases detected that were registered and initiated on Cat-IV treatment in 1Q11 #	Number of MDR TB Case registered and initiated on Cat IV in the 4 cohorts 6-9 months prior (2Q10) (a)	Out of a, No. (%) who are alive, on treatment and culture negative		Out of a, No. (%) who died		Out of a, No. (%) who defaulted	
Andhra Pradesh	839.6	24	8	336.9	40%	2	1710	320	19%	67	72	46	23	50%	6	13%	7	15%
Delhi	179.4	24	24	179.4	100%	4	1298	916	71%	118	107	180	120	67%	14	8%	22	12%
Gujarat*	582.3	30	21	417.6	72%	2	1657	416	25%	195	139	159	80	50%	9	6%	14	9%
Haryana	250.2	21	7	94.5	38%	1	593	82	14%	11	12	16	12	75%	0	0%	1	6%
Himachal Pradesh	67.2	12	2	20	30%	2	246	92	37%	4	4							
Jharkhand	310.4	24	2	53.8	17%	1	875	21	2%	3	7							
Kerala	343.2	14	14	343.2	100%	2	213	111	52%	17	26	7	3	43%	1	14%	0	0%
Mahara-shtra	1111.2	55	21	391.6	35%	3	3399	635	19%	147	115	48	19	40%	5	10%	9	19%
Orissa	403.9	31	4	80.9	20%	1	669	32	5%	12	15	5	3	60%	0	0%	0	0%
Puducherry	1.3	1	1	1.3	100%	1	7	62	886%	2	0							
Rajasthan	667.5	32	15	371.2	56%	1	1367	181	13%	42	38	46	26	57%	6	13%	2	4%
Tamil Nadu	670.1	31	25	537.8	80%	1	676	114	17%	2	32	27	10	37%	0	0%	0	0%
Uttar Pradesh	1972.7	71	1	42.9	2%	1	3496	380	11%	19	2							
West Bengal	886.7	19	5	232.1	26%	2	1764	155	9%	65	54	51	18	35%	2	4%	1	2%
India Total	11767.4	658	150	3115.2	26%	24	17970	3517	20%	704	623	585	314	54%	43	7%	56	10%

* Data from Daman & Diu is included in Gujarat

§ This indicator will be more relevant when S+ve RT cases are considered as MDR TB suspects in all districts in the state

For 2010, these numbers are NOT from the same cohort of patients from which MDR diagnosed are reported, but rather from treatment initiation registers only. The current DOTS Plus information system does not allow for cohort-based reporting of MDR TB suspects, hence this should not yet be taken as a proportion of MDR TB diagnosed and used as an indicator for efficiency of initiation on treatment. Future versions of the DOTS Plus reporting system will be based on cohorts of patients tested in laboratories, and will be used for monitoring of timeliness and efficiency of diagnosis and initiation on treatment

**DOTS Plus Implementation, Diagnosis, 6 months interim, 12 months Culture Conversion and Treatment Outcome of MDR TB Case
(Reported by DOTS Plus Sites of Implementing States)**

State	Indicators on 12 months Culture Conversion Report											Indicators on Treatment Outcome of MDR TB Cases									
	Number of MDR TB cases registered in the cohort, 12-15 months prior (4Q09) (b)	Out of b, No. (%) who are alive, on treatment and culture negative		Out of b, No. (%) who are alive, on treatment and culture positive		Out of b, No. (%) who are alive, on treatment and culture not known		Out of b, No. (%) who died		Out of b, No. (%) who defaulted		Number of MDR TB cases registered in the cohort, 31-33 months prior (3Q08) ©	Out of c, No. reported as Cured	Out of c, No. reported as Treatment Completed	Out of c, Success Rate	Out of c, No. (%) who died	Out of c, No. (%) who defaulted	Out of c, No. (%) who failed treatment			
Andhra Pradesh	78	34	44%	6	8%	6	8%	20	26%	12	15%										
Delhi	87	51	59%	5	6%	4	5%	9	10%	18	21%										
Gujarat*	106	42	40%	24	23%	3	3%	18	17%	19	18%	113	46	1	42%	27	24%	23	20%	15	13%
Haryana	19	4	21%	2	11%	3	16%	4	21%	6	32%										
Himachal Pradesh																					
Jharkhand																					
Kerala	43	19	44%	1	2%	13	30%	6	14%	4	9%										
Mahara-shtra	31	18	58%	4	13%	5	16%	2	6%	2	6%	69	32	4	52%	9	13%	14	20%	10	14%
Orissa	3	2	67%	0	0%	0	0%	1	33%	0	0%										
Puducherry																					
Rajasthan	36	26	72%	4	11%	0	0%	4	11%	1	3%										
Tamil Nadu	27	4	15%	7	26%	15	56%	1	4%	0	0%										
Uttar Pradesh																					
West Bengal	12	7	58%	1	8%	0	0%	1	8%	3	25%										
India Total	442	207	47%	54	12%	49	11%	66	15%	65	15%	182	78	5	46%	36	20%	37	20%	25	14%

* Data from Daman & Diu is included in Gujarat

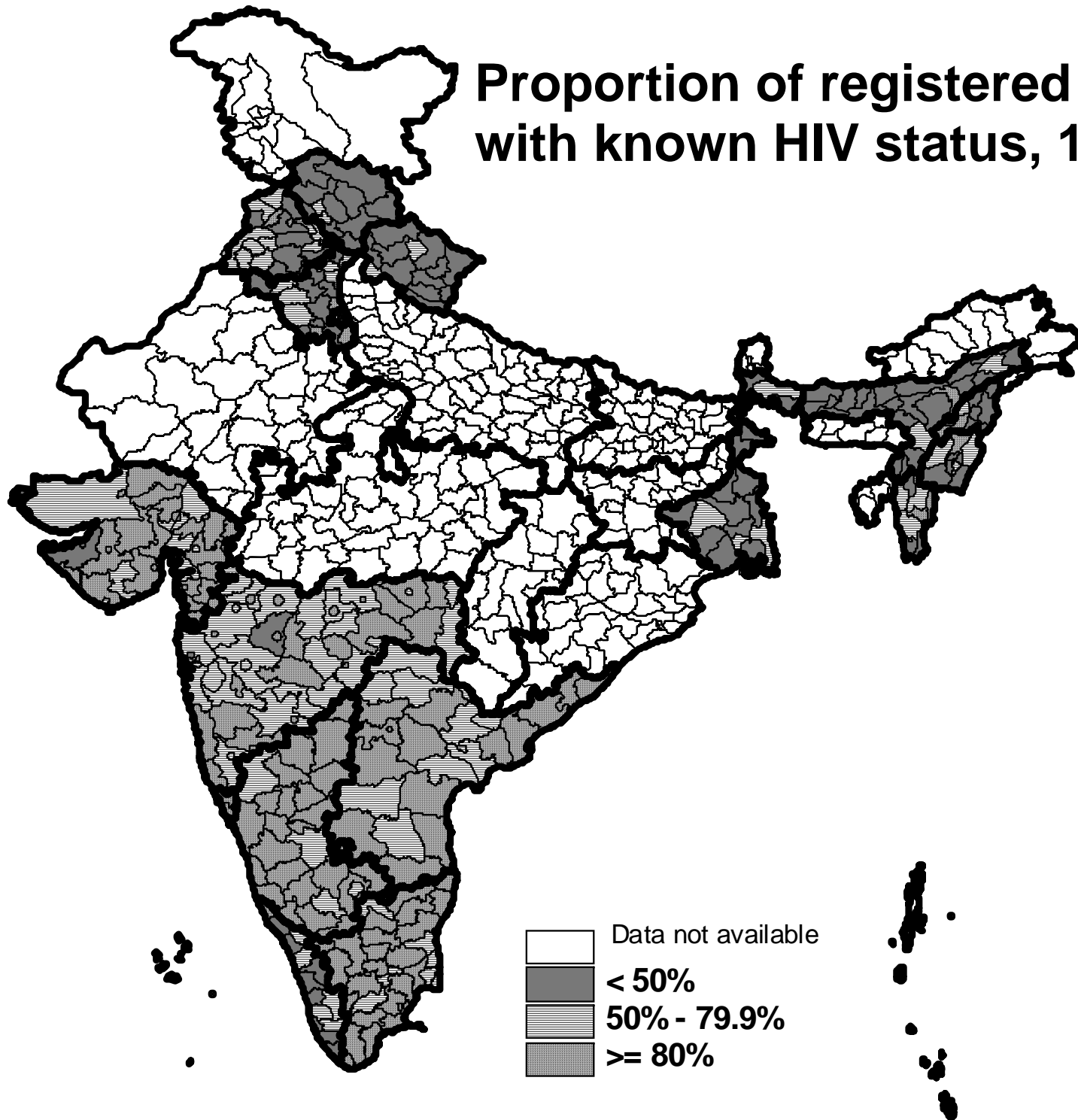
\$ This indicator will be more relevant when S+ve RT cases are considered as MDR TB suspects in all districts in the state

For 2010, these numbers are NOT from the same cohort of patients from which MDR TB diagnosed are reported, but rather from treatment initiation registers only.

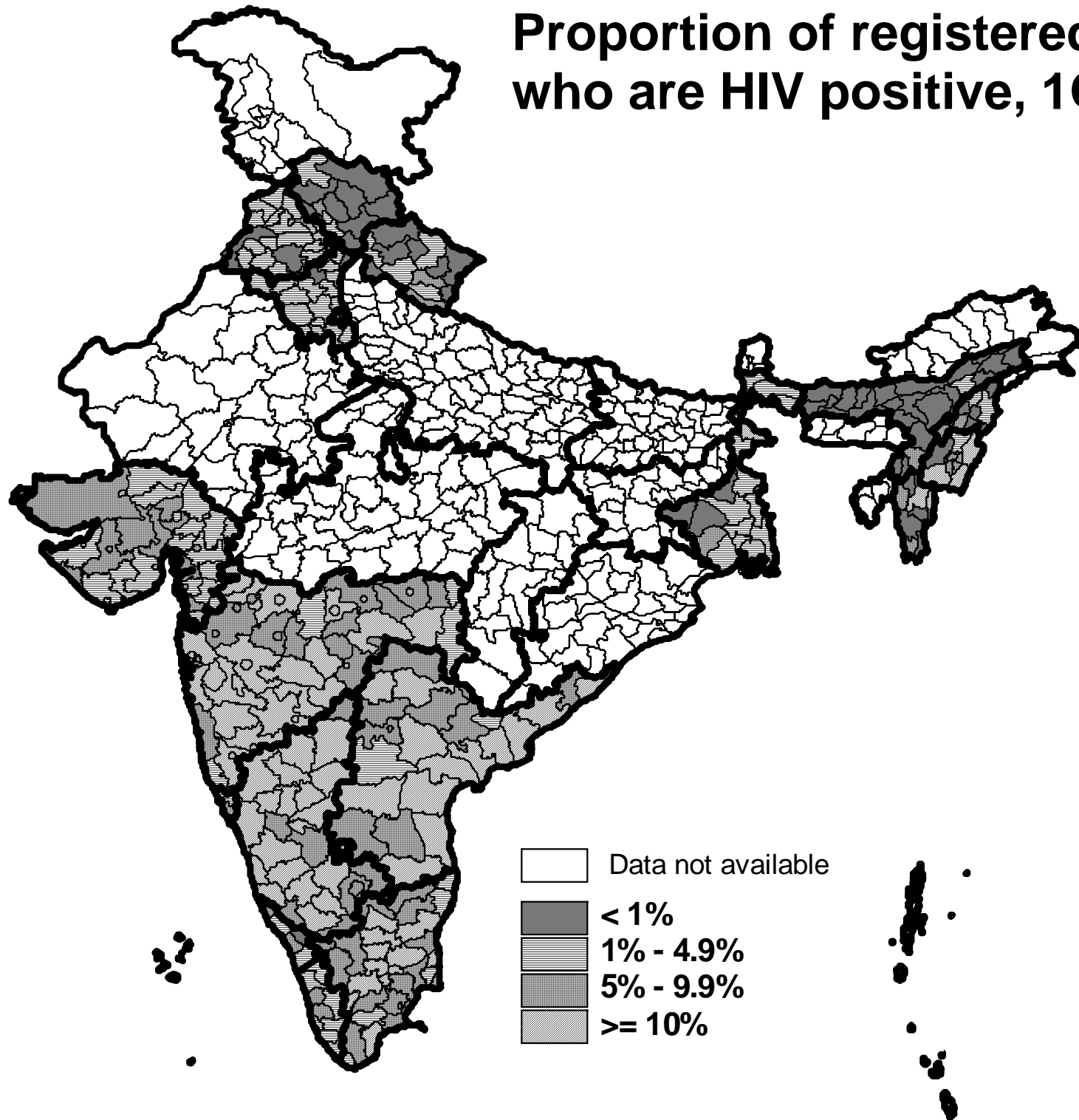
The current DOTS Plus information system does not allow for cohort-based reporting of MDR TB suspects, hence this should not yet be taken as a proportion of MDR TB diagnosed and used as an indicator for efficiency of initiation on treatment. Future versions of the DOTS Plus reporting system will be based on cohorts of patients tested in laboratories, and will be used for monitoring of timeliness and efficiency of diagnosis and initiation on treatment

S.No	Name of the Culture & DST Laboratory	Culture workload (from culture register)		DST workload and results (from DST register)								Laboratory Quality Indicators					
				[DST results summary combined all methods]								Proportion of smear positive diagnostic specimens reported as culture positive		Proportion of all specimens with culture 'contaminated' results		Patients (with diagnostic specimens) with DST completed within the benchmark turn-around time*	
				Diagnostic Sputum SPECIMENS inoculated	Follow-Up SPECIMENS inoculated	Solid DST Processed	Liquid Culture DST done	LPA DST done	Total H+R Sens	Total H+R Res	Total H only Res	Total R only Res	Number	%	Number	%	Number
1	IRL Ajmer	85	95	42	0	0	9	18	15	0	40	58	25	14	37	88	
2	BPHRC,Andhra Pradesh	180	290	63	0	0	10	23	3	0	124	97	8	1.5	46	73	
3	IRL,Delhi	570	754	122	0	0	13	93	4	4	181	41	222	17	48	17	
4	IRL,Gujarat	518	986	433	0	273	252	226	71	28	732	84	230	8	134	49	
5	IRL,Jarkhand	72	0	27	0	0	5	13	0	0	20	74	13	12	30	84	
6	IRL,Kerala	476	251	72	0	0	16	37	3	0	184	25	94	12	58	12	
7	IRL, Orrissa	36	66	24	0	0	2	17	1	0	32	89	4	4	14	70	
8	SMS,Jaipur	228	294	67	0	0	17	31	17	0	77	85	33	3	61	91	
9	IRL, Andhra Pradesh	308	370	123	0	123	35	44	7	23	202	77	18	3	67	62	
10	IRL, West Bengal	174	516	91	0	0	0	87	0	4	19	71	14	3	0	0	
11	IRL,Chennai	354	388	10	0	0	1	8	1	0	165	91	61	8	9	90	
12	IRL, Nagpur	288	606	99	0	17	40	53	20	3	133	66	138	15	80	81	
13	CMC,Vellore	22	19	7	0	0	5	1	1	0	19	42	0	0	7	100	

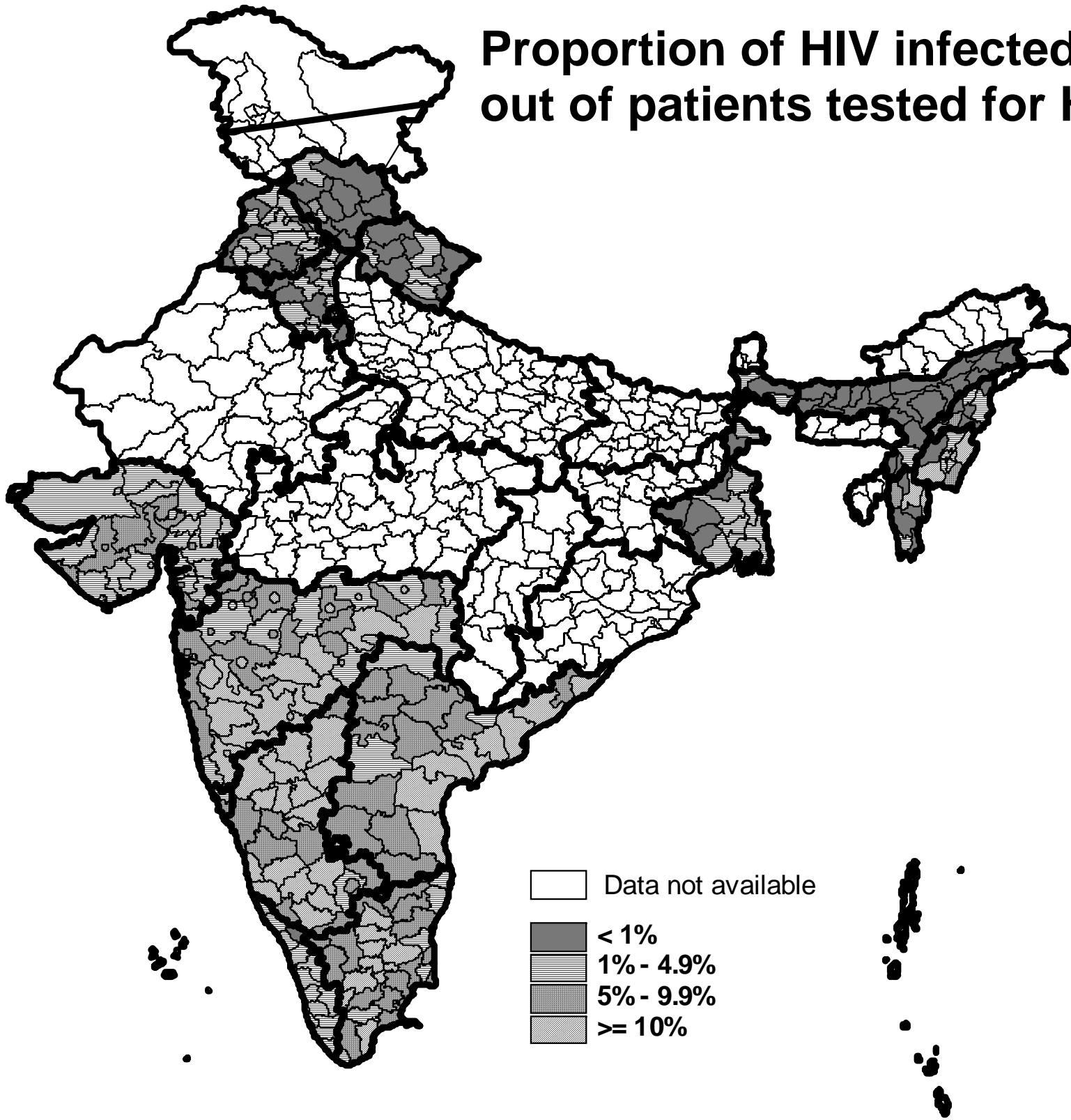
Proportion of registered TB patients with known HIV status, 1Q 11



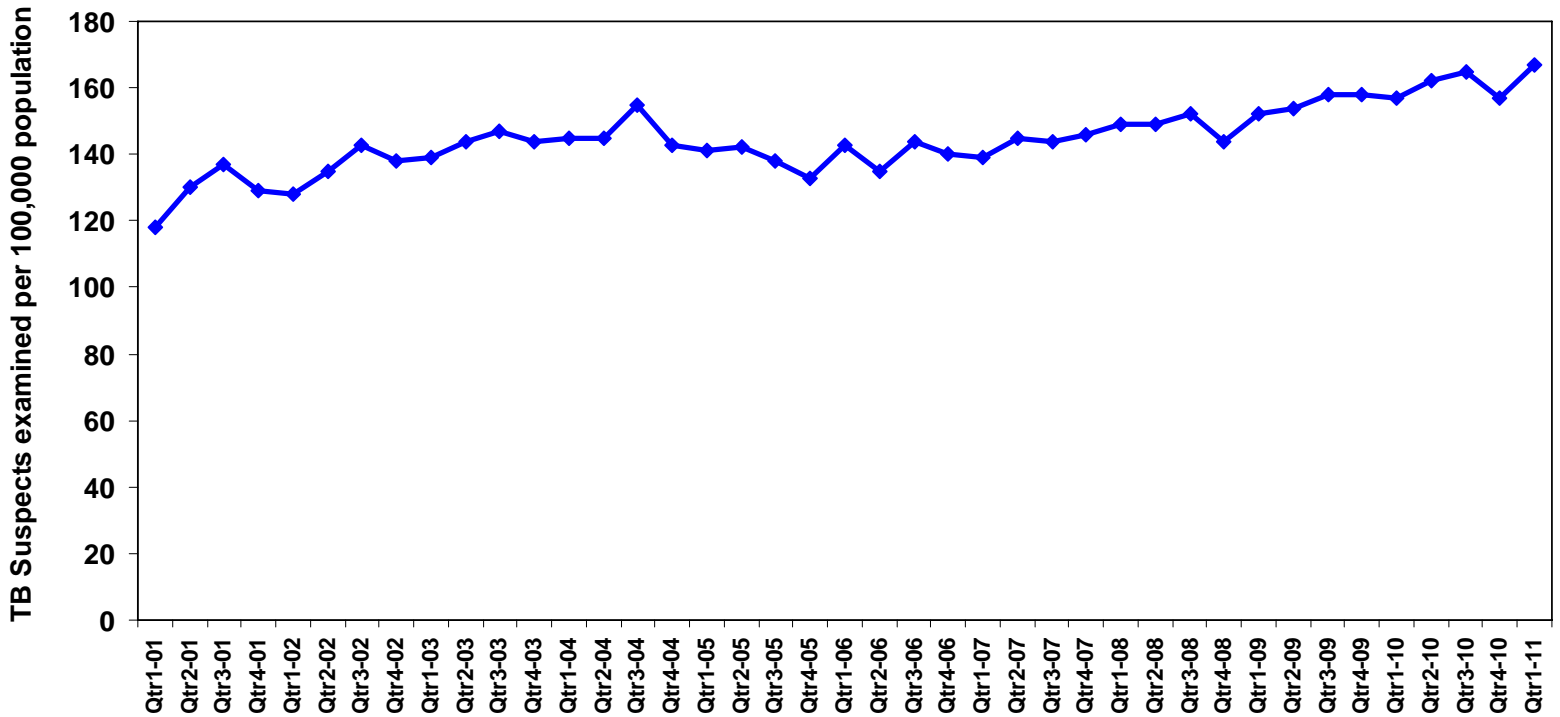
Proportion of registered TB patients who are HIV positive, 1Q 11



Proportion of HIV infected patients out of patients tested for HIV, 1Q 11

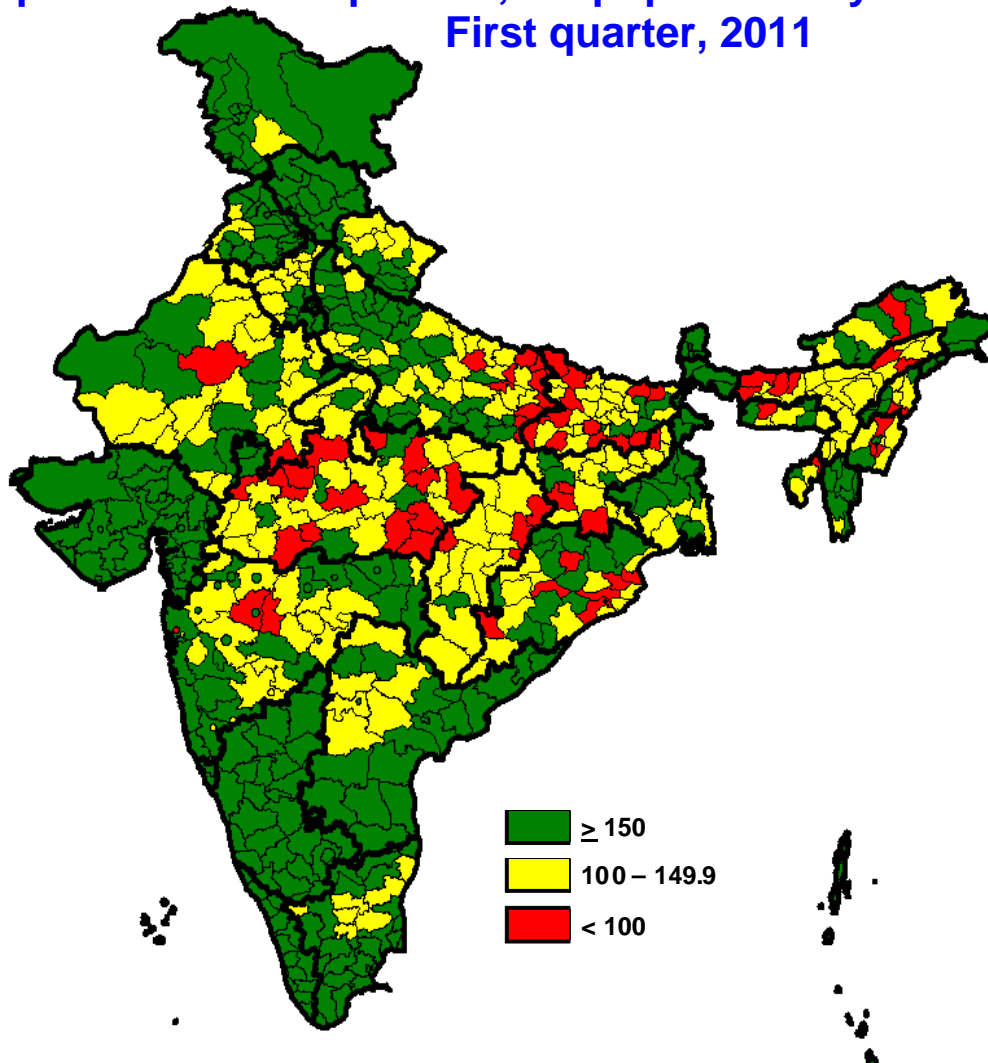


TB Suspects examined per 100,000 population*, 2001-2011



* During RNTCP expansion phase, data for districts implementing partial quarters has been excluded

TB Suspects examined per 100,000 population by district, India, First quarter, 2011



Cure rate by district, India

First quarter, 2010

