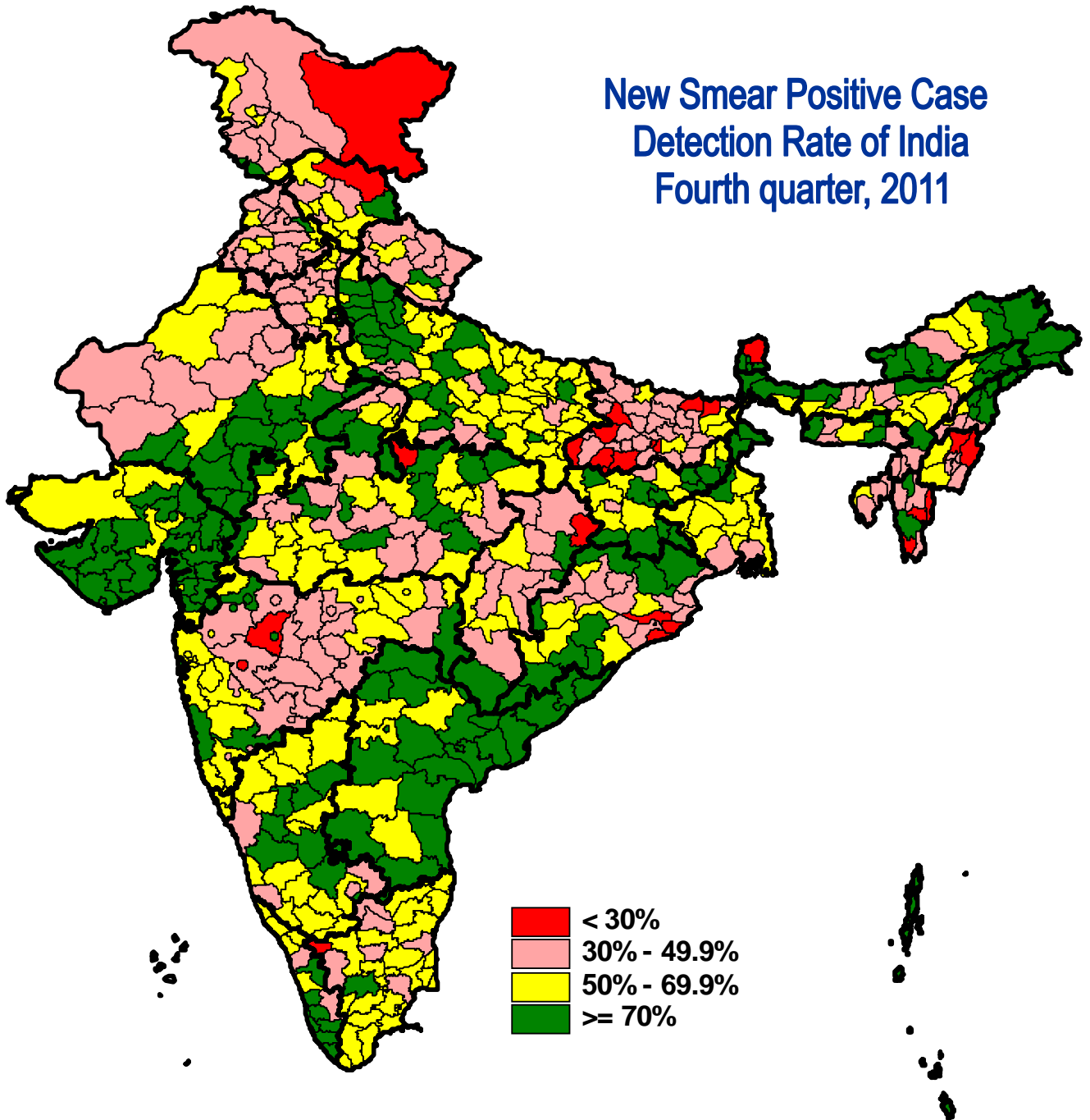


# RNTCP Performance Report, India

Fourth Quarter, 2011

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

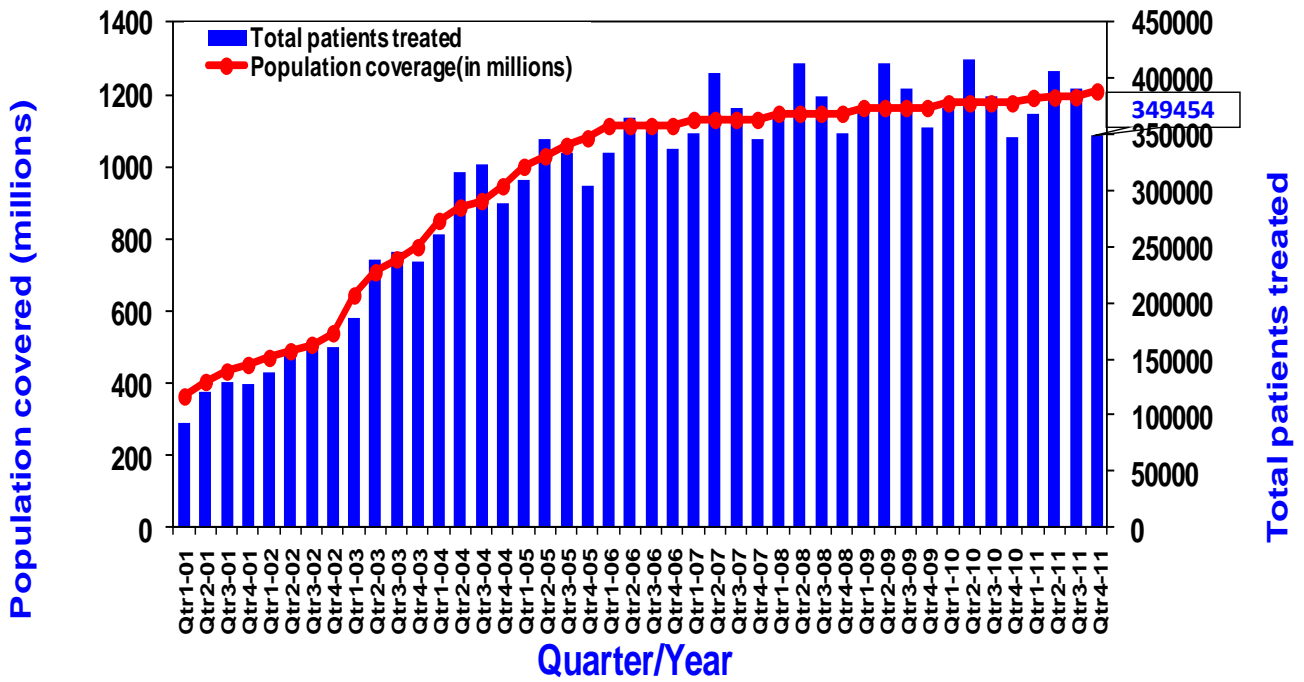


सत्यमेव जयते

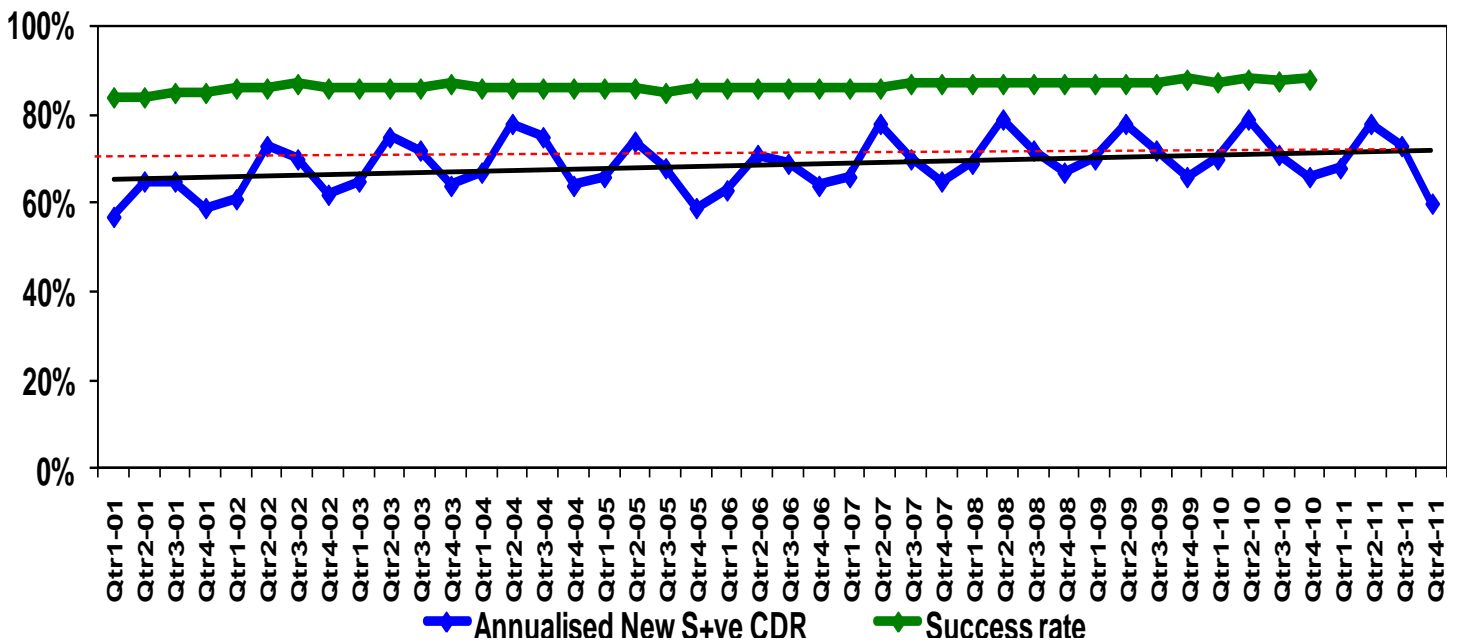
Central TB Division, Directorate General of Health Services  
Ministry of Health and Family Welfare, Nirman Bhavan, New Delhi 110108  
<http://www.tbcindia.nic.in>



# 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, 4<sup>th</sup> 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 49/lakh (65%) in 4<sup>th</sup> Quarter 2011 as compared to same quarter previous year with treatment success rate of 88.1% in NSP patients registered in 4<sup>th</sup> Quarter 2010 at the national level. The programme while consolidating and sustaining its past achievements is progressing well towards achieving the TB related Millennium Development Goals in terms of achieving the programme objectives.

### **RNTCP performance in 4<sup>th</sup> quarter 2011**

During the quarter, over 1.9 million suspects were examined 2,15,171 sputum positive cases were diagnosed, and 3,49,454 TB cases were registered for treatment. The annualized total case detection rate is 116 cases per 100,000 populations. With a total of 148,090 new smear positive cases being registered for treatment, the new smear positive TB case notification rate (annualized) for the 4<sup>th</sup> Quarter 2011 is 49 per lakh pop. In addition to this, 79,070 new smear negative cases, 50,293 new extra pulmonary cases, 46,999 smear positive re-treatment cases and 24,565 re-treatment Others' were also registered for treatment in this quarter. The treatment success rate amongst the new smear positive Pulmonary TB cases registered in the 4<sup>th</sup> quarter 2010 is 88.1% and the sputum conversion rate of patients registered during 3Q11 is 90.4%. The default rates among NSP (5.4%), NSN (6.6%) and re-treatment cases (14.4%) continues to show the declining trend over the past several quarters.

### **Major Activities during the quarter**

#### ***Programme review, Supervision & Monitoring and Training***

The Biannual National State TB Officers and RNTCP Consultants Review Meeting was held in November at New Delhi with the theme of '**Quality services for universal access under RNTCP**' and the objectives 'To review the performance and quality of RNTCP services (DOTS, DOTS-Plus, TB-HIV, PPM, ACSM); To prepare focused action plan for underperforming areas and To update the STOs and Consultants on newer initiatives, policy changes etc.'

The review meeting for all the states implementing DOTS-Plus services for Multi-Drug Resistant TB patients was held in November at Pune, Maharashtra.

The third National Co-ordination Committee meeting for reviewing Global Fund Round 9 projects in Tuberculosis in India was held in October at Bhopal. National Stakeholders Meeting for Tuberculosis and Diabetes Mellitus Collaborative activities was held in October.

Meeting of Human Resource Development Technical Working Group to finalize protocol for study on the Human Resource aspect for Health and TB management Integration was held in December.

The National Standing Committee for Operational Research in RNTCP was held December.

#### ***Progress in accreditation of Intermediate Reference Laboratories (IRL)***

RNTCP has accredited 35 Culture and DST laboratories in the country which includes 4 National reference laboratories (NRL), 17 Intermediate Reference laboratories, 8 medical colleges, 2 ICMR laboratories, 3 NGO laboratories and 1 private laboratory. The Line Probe Assay (LPA) has been introduced in the programme and 3 NRL's, 9 IRLs and 6 Medical College Laboratories have been accredited. 4 NRLs and 1 private sector laboratory is accredited for Liquid culture DST. The programme has planned to conduct operational feasibility study of cartridge based nucleic acid amplification test (CB-NAAT) in different field settings.

#### ***Progress in the Programmatic Management of Drug Resistant TB (PMDT) services:***

RNTCP achieved its PMDT Vision for 2011 by introducing services in all 35 states in some districts with variable access and scaling up. 508 million (43%) population have access to services through 260/662 (40%) districts that varies from states to state. 11 /35 (31%) States-UTs

have achieved 100% complete geographical coverage and are progressing towards achieving universal access. Since the inception of PMDT services in India, a cumulative total of 38155 MDR TB Suspects have been examined for diagnosis; 10263 MDR TB cases have been confirmed and 6994 MDR TB cases have been initiated on regimen for MDR TB through 50 DOTS Plus Sites across the country.

In 4th quarter 2011, central level PMDT appraisals were conducted in Gujarat (6 districts), Maharashtra (8 districts), Lakshadweep Islands, West Bengal (2 districts), Uttarakhand (5 districts), Uttar Pradesh (6 districts) and Andhra Pradesh (7 districts). 5 batches of National Training in PMDT were conducted at Gujarat (2 batches), New Delhi (2 batch) and Kerala (1 batch) in this quarter.

Regional PMDT Review meetings with key state officials of 20 preparatory and implementing states were conducted at Shimla and Pune in October and November 2011 respectively, to closely monitor the progress made by every state against their respective state PMDT scale up plans, further accelerate and organize timely intervention from central and state level to support the states complete pending preparatory activities.

#### ***Progress in PPM & ACSM activities***

The National Advocacy Communication and Social Mobilization (ACSM) Workshop for strengthening ACSM activities in the programme was held in November at New Delhi for all the State TB Officers, State IEC Officers, State RNTCP Consultants and other stakeholders.

The tenth National Task Force Meeting for the involvement of medical colleges in RNTCP was held in December.

#### ***Progress in TB HIV Collaborative Activities***

Scale-up of Joint TB/HIV collaborative activities continues to progress impressively. CTD and NACO completed TOT in Jharkhand, Bihar and 5 Union territories. Thus apart from Jammu and Kashmir intensified TB/HIV package is now implemented across the country and nationwide coverage is expected to be achieved in 2Q12.

In 4Q11 nationally 51.6% TB patients were tested for HIV and 6% of them were detected HIV infected. More than 91% HIV infected TB cases were initiated on CPT, but only 62% on ART in the 4Q10 cohort. Performance in high performance states improved further in 4Q11 with Andhra Pradesh, Karnataka, Tamil Nadu, Maharashtra, Gujarat and Goa achieving HIV testing of more than 80% and CPT initiation of more than 90%. Karnataka, Gujarat and Goa also achieved ART initiation in more than 70% patients. But performance remains sub-optimal in low HIV prevalence states like Uttar Pradesh, Madhya Pradesh, Rajasthan, Assam, Jharkhand, Orissa, Chhattisgarh etc. who managed to test less than 30% TB patients.

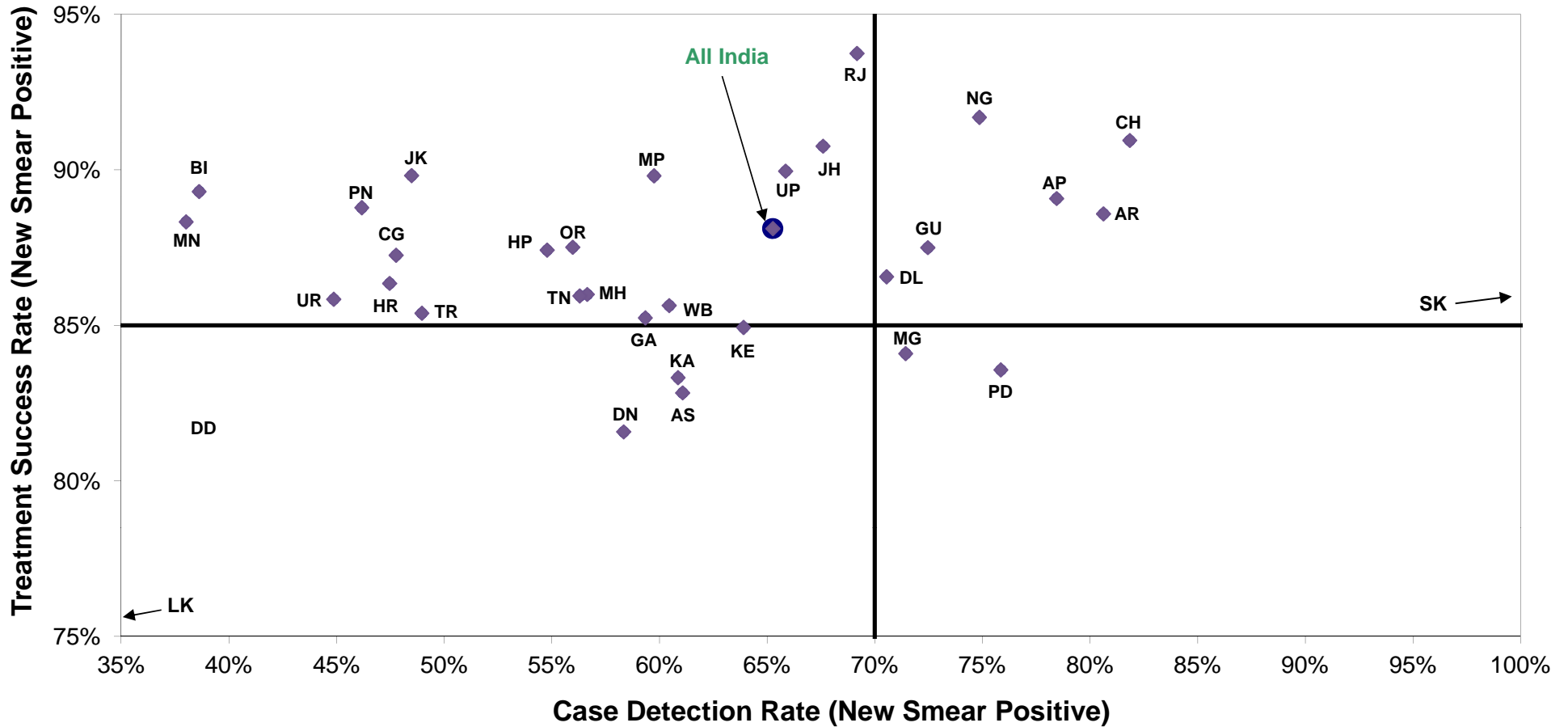
Facilitation for establishment of HIV testing facilities at all RNTCP DMC with respective SACS will help boost these performance levels.

As per decision of NTWG, RNTCP facilitated conduct of operational research study for HIV testing among TB suspects in Karnataka and Andhra Pradesh, and preparations are completed for 10 selected districts in low prevalent states.

The programme has made achieved many milestones over last one decade and is moving towards universal access to TB Care.

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 4th 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, Fourth quarter), Smear Conversion (2011, Third quarter), and Treatment Outcomes (2010, Fourth quarter)**

State	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	4	1154	304	55%	101	11	30%	106	102	240	253	79	69	67	37
Andhra Pradesh	847	140315	166	-2%	18665	8	-3%	88	75	27423	130	59	29	16	26
Arunachal Pradesh	14	2441	177	-12%	314	8	-27%	91	82	531	154	60	32	25	35
Assam	312	31740	102	-7%	4898	6	-4%	63	56	8535	110	46	29	14	21
Bihar	1038	96765	93	2%	10555	9	3%	41	36	17375	67	29	19	4	14
Chandigarh	11	4146	393	53%	536	8	4%	203	107	539	204	78	25	61	41
Chhattisgarh	255	27361	107	0%	3050	9	3%	48	44	6439	101	38	38	13	12
D & N Haveli	3	697	203	30%	70	10	34%	82	58	103	120	47	29	22	22
Daman & Diu	2	733	302	2%	48	15	17%	79	38	77	127	28	56	15	28
Delhi	168	39264	234	14%	5091	8	2%	122	101	10239	244	67	43	70	64
Goa	15	3607	247	6%	323	11	-10%	89	62	449	123	47	15	36	25
Gujarat	604	109673	182	-6%	13816	8	0%	92	81	18461	122	58	14	14	36
Haryana	254	40738	161	8%	5134	8	1%	81	70	8223	130	45	23	22	39
Himachal Pradesh	69	14494	211	-4%	1480	10	3%	86	75	2696	157	52	27	38	40
Jammu & Kashmir	125	21612	172	-5%	1944	11	10%	62	58	2834	90	46	11	17	16
Jharkhand	330	37403	113	1%	5080	7	4%	62	59	8820	107	51	31	7	18
Karnataka	611	131532	215	-1%	11185	12	-2%	73	59	17067	112	46	24	20	22
Kerala	334	86838	260	-2%	3540	25	-4%	42	37	6623	79	32	20	18	10
Lakshadweep	1	286	444	175%	4	72	-41%	25	43	8	50	25	0	6	19
Madhya Pradesh	726	99799	137	12%	12493	8	10%	69	60	22151	122	48	39	13	22
Maharashtra	1124	182169	162	-10%	18007	10	-4%	64	58	32635	116	45	25	20	26
Manipur	27	2908	107	-24%	259	11	6%	38	36	651	96	29	27	23	17
Meghalaya	30	5177	175	-1%	581	9	12%	78	67	1136	153	54	32	36	32
Mizoram	11	1896	174	-14%	164	12	-20%	60	55	512	188	41	49	63	36
Nagaland	20	3201	162	10%	396	8	11%	80	73	822	166	56	35	39	36
Orissa	419	53084	127	4%	6637	8	6%	63	56	11595	111	48	27	20	16
Puducherry	12	5822	468	31%	647	9	7%	208	73	395	127	57	23	27	20
Punjab	277	38896	140	-4%	4552	9	12%	66	63	7944	115	44	21	23	27
Rajasthan	686	106555	155	7%	15938	7	6%	93	79	25270	147	55	39	20	34
Sikkim	6	1403	231	-6%	162	9	-2%	107	101	366	241	78	50	60	53
Tamil Nadu	721	153750	213	-11%	10716	14	-5%	59	55	18788	104	42	25	19	18
Tripura	37	5027	137	4%	409	12	22%	45	42	604	66	37	9	12	8
Uttar Pradesh	1996	303603	152	11%	42593	7	4%	85	79	64456	129	63	28	13	25
Uttarakhand	101	15634	155	-7%	2031	8	5%	80	63	3078	122	43	25	19	34
West Bengal	913	142311	156	3%	13752	10	6%	60	56	22369	98	45	17	16	19
<b>Grand Total</b>	<b>12102</b>	<b>1912034</b>	<b>158</b>	<b>0%</b>	<b>215171</b>	<b>9</b>	<b>1%</b>	<b>71</b>	<b>63</b>	<b>349454</b>	<b>116</b>	<b>49</b>	<b>26</b>	<b>17</b>	<b>24</b>

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 2011 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, Fourth quarter), Smear Conversion (2011, Third quarter), and Treatment Outcomes (2010, Fourth 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)
		No	%			No	%	No	%	No	%	No	%					
Andaman & Nicobar	27	21	10%	87%	81%	101	100%	94	93%	72	84%	55	23%	28%	1%	0%		
Andhra Pradesh	18	1042	5%	91%	74%	14675	90%	15830	97%	11193	84%	22718	83%	89%	10%	9%	88%	47%
Arunachal Pradesh	23	50	12%	90%	88%	271	93%	284	98%	154	89%	152	29%	69%	0%	0%		
Assam	12	313	5%	87%	67%	3836	86%	4179	94%	2485	73%	2830	33%	31%	1%	0%	43%	86%
Bihar	8	1041	8%	89%	74%	8243	87%	9311	98%	5025	71%	12043	69%	13%	4%	0%	14%	48%
Chandigarh	33	39	9%	91%	73%	276	95%	290	99%	261	98%	104	19%	93%	1%	1%	67%	17%
Chhattisgarh	6	295	5%	90%	71%	2482	88%	2764	98%	1551	71%	3365	52%	16%	2%	0%	0%	50%
D & N Haveli	12	4	5%	89%	85%	47	94%	49	98%	37	95%	22	21%	60%	2%	1%		
Daman & Diu	10	2	3%	88%	80%	21	91%	23	100%	26	100%	26	34%	74%	4%	3%	100%	0%
Delhi	37	912	12%	89%	71%	3910	89%	4291	98%	3164	92%	949	9%	72%	2%	1%	71%	77%
Goa	17	25	7%	84%	75%	207	88%	234	100%	178	95%	74	16%	98%	3%	3%	98%	70%
Gujarat	24	768	6%	92%	69%	11370	92%	12199	98%	9335	90%	10655	58%	93%	5%	4%	96%	73%
Haryana	28	325	6%	91%	75%	4127	89%	4407	95%	2835	86%	2374	29%	60%	1%	1%	67%	36%
Himachal Pradesh	27	140	7%	93%	82%	1291	96%	1306	97%	1044	87%	480	18%	43%	1%	1%	50%	33%
Jammu & Kashmir	13	152	7%	92%	78%	1823	98%	1860	100%	1646	97%	297	10%	16%	0%	0%	0%	80%
Jharkhand	8	410	6%	93%	83%	4194	86%	4827	99%	2770	70%	5846	66%	24%	2%	0%	0%	78%
Karnataka	15	1131	8%	88%	63%	7996	86%	8891	96%	5382	80%	8673	51%	94%	13%	12%	99%	75%
Kerala	7	969	17%	83%	69%	2869	87%	3008	91%	1966	76%	4057	61%	68%	2%	2%	76%	83%
Lakshadweep	19	0	0%	100%	0%	7	100%	7	100%	1	0%	0	0%	0%		0%		
Madhya Pradesh	14	2310	13%	91%	73%	9885	89%	10863	97%	6769	78%	13045	59%	27%	2%	1%	11%	53%
Maharashtra	14	1718	7%	90%	68%	14597	88%	16200	98%	10784	81%	10970	34%	83%	10%	8%	95%	63%
Manipur	9	35	7%	89%	74%	249	97%	249	97%	218	86%	347	53%	53%	9%	5%	46%	35%
Meghalaya	17	137	15%	85%	63%	472	90%	502	96%	328	90%	664	58%	11%	0%	0%		
Mizoram	17	71	17%	91%	78%	158	100%	156	99%	89	79%	99	19%	65%	14%	9%	98%	44%
Nagaland	20	83	13%	92%	77%	293	78%	341	91%	321	86%	335	41%	64%	7%	5%	81%	59%
Orissa	10	533	5%	89%	71%	5026	84%	5837	97%	3318	70%	8489	73%	30%	3%	1%	0%	0%
Puducherry	19	31	9%	90%	76%	181	77%	181	77%	144	95%	0	0%	85%	3%	2%	100%	67%
Punjab	20	325	5%	91%	77%	4143	93%	4373	98%	3646	92%	2304	29%	67%	2%	1%	74%	65%
Rajasthan	25	1025	5%	92%	78%	11461	83%	13119	95%	9015	81%	3593	14%	30%	1%	0%	53%	37%
Sikkim	36	19	6%	88%	61%	168	98%	172	100%	115	94%	126	34%	0%	0%	0%		
Tamil Nadu	13	1137	7%	90%	70%	8260	82%	9683	96%	6149	81%	5215	28%	89%	7%	6%	89%	62%
Tripura	6	11	2%	89%	79%	317	80%	380	96%	271	77%	270	45%	40%	3%	1%		
Uttar Pradesh	17	3041	6%	92%	79%	35843	90%	39656	99%	25346	85%	46959	73%	23%	1%	0%	12%	49%
Uttarakhand	22	143	6%	89%	73%	1455	89%	1598	98%	1072	83%	1870	61%	44%	1%	0%	75%	25%
West Bengal	13	912	5%	88%	66%	10586	80%	12580	95%	8581	82%	6002	27%	48%	2%	1%	87%	78%
<b>Grand Total</b>	<b>16</b>	<b>19170</b>	<b>7%</b>	<b>90%</b>	<b>73%</b>	<b>170840</b>	<b>88%</b>	<b>189744</b>	<b>97%</b>	<b>125291</b>	<b>82%</b>	<b>175008</b>	<b>50%</b>	<b>52%</b>	<b>6%</b>	<b>3%</b>	<b>91%</b>	<b>62%</b>

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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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 Fourth quarter 2010

Implementing states	New Smear Positive <sup>1</sup>							New Smear Negative <sup>2</sup>						New Extra Pulmonary <sup>2</sup>					
	Registered	Cure	Completed	Died	Failure	Defaulted	Trans out	Registered	Completed	Died	Failure	Defaulted	Trans out	Registered	Completed	Died	Failure	Defaulted	Trans out
Andaman & Nicobar	76	80.3%	0.0%	0.0%	7.9%	7.9%	3.9%	62	82.3%	3.2%	1.6%	11.3%	1.6%	59	89.8%	5.1%	0.0%	5.1%	0.0%
Andhra Pradesh	12238	87.0%	2.1%	4.8%	2.2%	3.5%	0.4%	7057	91.4%	3.5%	0.3%	4.4%	0.4%	3140	93.2%	2.7%	0.1%	2.5%	1.5%
Arunachal Pradesh	149	88.6%	0.0%	3.4%	3.4%	3.4%	1.3%	117	88.0%	2.6%	1.7%	6.8%	0.9%	92	95.7%	0.0%	0.0%	3.3%	1.1%
Assam	3634	79.9%	3.4%	3.7%	2.3%	10.1%	0.5%	2394	82.5%	4.2%	0.3%	12.6%	0.4%	1172	87.4%	4.7%	0.2%	7.4%	0.3%
Bihar	7323	81.2%	8.1%	3.0%	1.0%	6.3%	0.4%	5293	88.9%	3.4%	0.2%	7.0%	0.4%	1127	90.2%	2.0%	0.2%	4.4%	3.1%
Chandigarh	232	90.9%	0.0%	0.9%	3.0%	2.2%	1.7%	50	96.0%	0.0%	0.0%	2.0%	2.0%	166	96.4%	0.6%	0.0%	1.8%	1.2%
Chhattisgarh	2394	81.4%	5.8%	4.1%	1.0%	7.2%	0.5%	2364	84.8%	2.1%	0.2%	12.4%	0.5%	817	94.1%	1.3%	0.2%	3.5%	0.7%
D & N Haveli	38	81.6%	0.0%	5.3%	0.0%	7.9%	5.3%	21	81.0%	0.0%	4.8%	9.5%	4.8%	18	94.4%	5.6%	0.0%	0.0%	0.0%
Daman & Diu	24	87.5%	0.0%	4.2%	4.2%	4.2%	0.0%	26	88.5%	3.8%	0.0%	7.7%	0.0%	9	88.9%	11.1%	0.0%	0.0%	0.0%
Delhi	2784	86.2%	0.4%	3.0%	4.3%	4.2%	1.8%	1607	92.4%	1.6%	1.2%	3.8%	0.9%	2889	96.0%	1.2%	0.0%	2.0%	0.8%
Goa	183	84.2%	1.1%	4.9%	2.7%	6.6%	0.5%	120	90.8%	5.8%	0.8%	2.5%	0.0%	130	95.4%	3.1%	0.0%	1.5%	0.0%
Gujarat	9130	87.3%	0.2%	4.7%	2.3%	4.7%	0.7%	1922	90.6%	4.4%	0.3%	4.2%	0.5%	2135	93.3%	3.2%	0.1%	3.0%	0.4%
Haryana	2704	85.2%	1.2%	4.6%	3.7%	5.1%	0.2%	1437	87.2%	3.5%	1.5%	7.7%	0.1%	1297	93.2%	1.5%	0.3%	4.8%	0.2%
Himachal Pradesh	978	86.2%	1.2%	5.2%	3.0%	3.8%	0.6%	480	88.8%	4.4%	1.5%	5.0%	0.4%	657	95.4%	2.9%	0.0%	1.4%	0.3%
Jammu & Kashmir	1621	88.1%	1.7%	3.3%	1.9%	2.3%	2.7%	386	88.6%	4.1%	0.3%	4.1%	2.8%	553	90.6%	2.9%	0.0%	3.4%	3.1%
Jharkhand	4028	85.6%	5.2%	3.8%	0.9%	4.2%	0.2%	2582	90.5%	1.7%	0.3%	6.4%	1.0%	564	94.1%	1.1%	0.2%	4.1%	0.5%
Karnataka	6740	81.7%	1.1%	6.7%	2.8%	6.6%	1.0%	3717	83.4%	6.6%	0.6%	7.5%	1.8%	3237	87.9%	4.9%	0.2%	4.2%	2.7%
Kerala	2649	83.2%	1.7%	4.4%	4.6%	5.5%	0.5%	1631	92.3%	3.0%	0.1%	4.2%	0.4%	1578	91.2%	2.3%	0.1%	5.1%	1.3%
Lakshadweep	1	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1											
Madhya Pradesh	8204	86.7%	3.1%	3.3%	1.5%	4.6%	0.8%	6383	89.8%	2.2%	0.3%	6.9%	0.8%	2349	92.9%	1.2%	0.1%	3.4%	2.3%
Maharashtra	13197	84.7%	1.3%	5.9%	2.2%	4.9%	1.0%	7487	86.5%	5.0%	0.5%	7.1%	0.9%	5811	91.8%	3.6%	0.1%	3.8%	0.7%
Manipur	240	85.8%	2.5%	3.8%	1.3%	6.7%	0.0%	241	90.5%	1.7%	0.0%	7.9%	0.0%	172	94.2%	1.2%	0.0%	4.1%	0.6%
Meghalaya	371	81.9%	2.2%	2.4%	4.6%	7.8%	1.1%	207	87.0%	1.0%	1.0%	9.2%	1.9%	257	90.3%	3.1%	0.0%	5.1%	1.6%
Mizoram	100	86.0%	3.0%	1.0%	3.0%	7.0%	0.0%	133	86.5%	7.5%	0.0%	5.3%	0.8%	163	95.7%	1.8%	0.0%	2.5%	0.0%
Nagaland	313	91.4%	0.3%	2.6%	2.2%	3.2%	0.3%	224	92.0%	1.3%	0.9%	5.4%	0.4%	188	95.7%	0.5%	0.0%	3.2%	0.5%
Orissa	5022	84.6%	2.9%	4.9%	1.2%	5.7%	0.7%	2756	86.7%	4.3%	0.3%	7.2%	1.5%	2011	92.1%	2.8%	0.0%	4.3%	0.7%
Puducherry	140	82.9%	0.7%	6.4%	4.3%	5.7%	0.0%	79	88.6%	5.1%	0.0%	5.1%	0.0%	85	94.1%	3.5%	0.0%	0.0%	0.0%
Punjab	3496	86.4%	2.4%	4.5%	1.4%	3.7%	1.6%	1439	88.8%	4.2%	0.3%	4.6%	2.2%	1653	94.2%	1.9%	0.0%	2.6%	1.3%
Rajasthan	8937	91.7%	2.1%	3.9%	1.6%	4.9%	0.2%	6215	94.3%	3.0%	0.8%	6.0%	0.1%	3054	100.5%	1.9%	0.0%	3.4%	0.1%
Sikkim	114	80.7%	0.0%	5.3%	11.4%	1.8%	0.9%	80	96.3%	1.3%	2.5%	0.0%	0.0%	78	97.4%	1.3%	0.0%	1.3%	0.0%
Tamil Nadu	7617	83.9%	2.1%	5.5%	1.2%	7.1%	0.2%	5481	92.5%	3.6%	0.2%	3.5%	0.2%	3703	96.1%	2.5%	0.0%	1.2%	0.3%
Tripura	356	85.1%	0.3%	6.2%	3.9%	4.5%	0.0%	103	88.3%	9.7%	1.0%	1.0%	0.0%	107	90.7%	6.5%	0.0%	2.8%	0.0%
Uttar Pradesh	28012	86.3%	3.6%	3.1%	0.8%	5.4%	0.7%	14968	89.9%	2.1%	0.2%	6.7%	1.1%	6609	93.8%	0.9%	0.1%	4.1%	1.1%
Uttarakhand	1109	82.1%	3.7%	4.1%	1.9%	6.0%	2.2%	717	86.2%	2.5%	0.6%	7.9%	2.8%	482	92.3%	1.7%	0.0%	5.4%	0.6%
West Bengal	10334	84.2%	1.4%	3.8%	3.3%	6.4%	0.8%	4324	85.4%	5.3%	0.6%	7.8%	1.0%	3777	88.6%	4.1%	0.3%	4.3%	2.7%
<b>Grand Total</b>	<b>144427</b>	<b>85.5%</b>	<b>2.6%</b>	<b>4.2%</b>	<b>1.9%</b>	<b>5.4%</b>	<b>0.7%</b>	<b>82008</b>	<b>89.3%</b>	<b>3.4%</b>	<b>0.4%</b>	<b>6.6%</b>	<b>0.8%</b>	<b>50008</b>	<b>93.2%</b>	<b>2.5%</b>	<b>0.1%</b>	<b>3.6%</b>	<b>1.2%</b>

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	69.2%	75.5%	7.3%	4.9%	11.6%	1.0%	25268
Failure	49.3%	55.6%	10.0%	15.6%	16.3%	1.4%	4311
Treatment after default	59.0%	67.4%	8.1%	4.2%	18.1%	2.5%	16650
<b>Total</b>	<b>63.7%</b>	<b>70.7%</b>	<b>7.9%</b>	<b>5.6%</b>	<b>14.4%</b>	<b>1.6%</b>	<b>46229</b>

**State-wise outcome of Smear Positive Retreatment cases Third quarter 2010 (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	2	78.3%	78.3%	13.0%	8.7%	0.0%	0.0%	2	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	10	50.0%	60.0%	10.0%	10.0%	10.0%	10.0%	10.0%
Andhra Pradesh	1974	72.7%	77.5%	8.1%	5.9%	8.1%	0.4%	411	47.7%	53.8%	14.1%	18.0%	11.2%	0.7%	1600	65.6%	72.8%	8.9%	4.9%	12.0%	1.2%	
Arunachal Pradesh	36	75.0%	75.0%	5.6%	8.3%	11.1%	0.0%	14	50.0%	50.0%	0.0%	28.6%	21.4%	0.0%	15	53.3%	53.3%	0.0%	6.7%	40.0%	0.0%	
Assam	509	53.6%	62.9%	9.0%	6.9%	20.0%	1.2%	124	43.5%	48.4%	9.7%	16.1%	25.0%	0.8%	293	52.9%	63.1%	6.8%	3.1%	25.6%	1.4%	
Bihar	730	66.7%	79.2%	6.6%	3.8%	10.1%	0.3%	143	42.7%	56.6%	9.8%	17.5%	14.7%	1.4%	965	62.5%	78.3%	5.3%	2.6%	13.0%	0.8%	
Chandigarh	57	73.7%	75.4%	7.0%	12.3%	1.8%	3.5%	12	58.3%	58.3%	8.3%	16.7%	16.7%	0.0%	11	54.5%	54.5%	18.2%	9.1%	9.1%	9.1%	
Chhattisgarh	213	61.5%	78.9%	5.2%	2.3%	13.6%	0.0%	40	55.0%	67.5%	10.0%	7.5%	15.0%	0.0%	145	51.0%	64.1%	6.9%	2.1%	26.2%	0.7%	
D & N Haveli	5	80.0%	80.0%	20.0%	0.0%	0.0%	0.0%	2	0.0%	0.0%	50.0%	50.0%	0.0%	0.0%	8	50.0%	50.0%	12.5%	0.0%	37.5%	0.0%	
Daman & Diu	5	80.0%	80.0%	20.0%	0.0%	0.0%	0.0%	1	0.0%	0.0%	0.0%	100.0%	0.0%	0.0%	2	50.0%	50.0%	0.0%	0.0%	0.0%	50.0%	
Delhi	877	73.5%	73.8%	6.7%	6.8%	9.0%	2.3%	171	47.4%	47.4%	11.1%	14.6%	10.5%	5.3%	453	66.0%	66.4%	6.8%	7.1%	14.1%	3.1%	
Goa	39	56.4%	56.4%	10.3%	7.7%	20.5%	2.6%	7	71.4%	71.4%	0.0%	14.3%	14.3%	0.0%	13	53.8%	61.5%	7.7%	15.4%	15.4%	0.0%	
Gujarat	2235	66.9%	68.0%	9.5%	6.3%	14.4%	1.0%	193	44.0%	46.6%	10.9%	18.7%	21.2%	0.0%	1390	59.9%	60.9%	7.7%	5.2%	22.8%	2.1%	
Haryana	894	69.4%	75.3%	5.9%	4.8%	13.6%	0.2%	169	53.3%	65.1%	5.9%	11.8%	16.6%	0.6%	537	53.6%	66.1%	6.3%	4.8%	22.5%	0.2%	
Himachal Pradesh	371	76.3%	83.0%	4.9%	6.2%	5.4%	0.5%	78	56.4%	56.4%	9.0%	24.4%	7.7%	0.0%	55	52.7%	61.8%	14.5%	10.9%	12.7%	0.0%	
Jammu & Kashmir	298	73.5%	80.5%	7.4%	3.4%	5.7%	3.0%	37	51.4%	59.5%	5.4%	16.2%	10.8%	8.1%	68	55.9%	73.5%	8.8%	4.4%	8.8%	4.4%	
Jharkhand	316	74.1%	83.2%	4.4%	2.8%	6.6%	2.8%	53	66.0%	77.4%	5.7%	5.7%	3.8%	7.5%	326	66.3%	76.1%	7.7%	2.1%	11.3%	2.8%	
Karnataka	1102	63.2%	66.7%	9.5%	6.9%	16.0%	0.9%	261	39.1%	43.3%	12.6%	21.5%	21.5%	1.1%	907	44.8%	50.9%	12.2%	7.6%	24.5%	4.7%	
Kerala	280	73.9%	77.5%	7.5%	6.1%	8.2%	0.4%	149	67.1%	70.5%	1.3%	12.8%	13.4%	0.7%	157	40.1%	45.2%	10.2%	6.4%	33.8%	3.8%	
Lakshadweep	0							0							0							
Madhya Pradesh	1329	65.8%	76.3%	6.8%	3.6%	11.2%	2.1%	247	46.2%	60.7%	10.1%	10.5%	17.0%	1.6%	1070	54.1%	67.9%	7.6%	3.7%	15.7%	5.1%	
Maharashtra	2305	63.1%	68.5%	9.9%	5.9%	13.8%	1.5%	370	38.9%	42.2%	13.2%	15.1%	22.2%	1.6%	1194	51.2%	56.4%	13.5%	4.2%	23.6%	2.0%	
Manipur	31	71.0%	74.2%	6.5%	19.4%	0.0%	0.0%	9	88.9%	88.9%	11.1%	0.0%	0.0%	0.0%	25	68.0%	68.0%	4.0%	12.0%	16.0%	0.0%	
Meghalaya	66	63.6%	69.7%	6.1%	9.1%	13.6%	1.5%	37	27.0%	40.5%	10.8%	29.7%	16.2%	2.7%	45	22.2%	31.1%	17.8%	6.7%	40.0%	4.4%	
Mizoram	12	150.0%	158.3%	16.7%	8.3%	25.0%	0.0%	5	100.0%	100.0%	0.0%	120.0%	0.0%	0.0%	0							
Nagaland	63	81.0%	87.3%	4.8%	7.9%	0.0%	0.0%	18	44.4%	55.6%	11.1%	22.2%	11.1%	0.0%	33	81.8%	87.9%	3.0%	6.1%	3.0%	0.0%	
Orissa	507	60.6%	74.6%	7.5%	3.7%	13.2%	0.6%	118	43.2%	55.1%	6.8%	9.3%	26.3%	0.8%	400	42.3%	55.8%	10.5%	2.8%	25.3%	5.5%	
Puducherry	29	72.4%	75.9%	6.9%	3.4%	13.8%	0.0%	4	50.0%	50.0%	0.0%	50.0%	0.0%	0.0%	17	76.5%	82.4%	11.8%	5.9%	0.0%	0.0%	
Punjab	1014	67.9%	75.1%	8.5%	3.3%	11.2%	1.9%	130	57.7%	63.1%	12.3%	9.2%	12.3%	3.1%	281	65.1%	73.3%	8.9%	3.6%	11.0%	3.2%	
Rajasthan	2246	77.0%	84.2%	6.1%	4.2%	10.5%	0.1%	311	61.1%	70.4%	6.4%	13.2%	14.1%	0.0%	1453	70.5%	80.7%	6.7%	4.2%	14.0%	0.3%	
Sikkim	31	77.4%	77.4%	0.0%	19.4%	3.2%	0.0%	15	20.0%	20.0%	13.3%	53.3%	6.7%	6.7%	7	42.9%	42.9%	28.6%	14.3%	0.0%	14.3%	
Tamil Nadu	1158	62.2%	68.5%	9.4%	4.8%	17.0%	0.3%	208	39.4%	42.8%	13.0%	18.3%	23.1%	1.0%	848	48.7%	57.4%	11.1%	4.8%	25.0%	1.7%	
Tripura	59	71.2%	72.9%	3.4%	8.5%	15.3%	0.0%	5	60.0%	60.0%	0.0%	0.0%	40.0%	0.0%	13	46.2%	53.8%	7.7%	7.7%	30.8%	0.0%	
Uttar Pradesh	4488	73.6%	82.1%	5.1%	2.1%	10.0%	0.6%	447	56.8%	65.8%	9.6%	8.5%	15.0%	1.1%	3285	65.8%	75.3%	5.4%	1.9%	14.2%	3.2%	
Uttarakhand	359	72.4%	76.9%	3.9%	3.6%	13.9%	1.7%	40	65.0%	70.0%	2.5%	12.5%	10.0%	5.0%	161	55.9%	61.5%	3.1%	5.0%	24.2%	6.2%	
West Bengal	1607	68.0%	71.6%	7.5%	7.8%	11.4%	1.6%	480	50.0%	52.9%	9.4%	20.6%	15.0%	1.7%	863	50.9%	55.7%	9.5%	6.7%	25.1%	2.9%	
<b>Grand Total</b>	<b>25268</b>	<b>69.2%</b>	<b>75.5%</b>	<b>7.3%</b>	<b>4.9%</b>	<b>11.6%</b>	<b>1.0%</b>	<b>4311</b>	<b>49.3%</b>	<b>55.6%</b>	<b>10.0%</b>	<b>15.6%</b>	<b>16.3%</b>	<b>1.4%</b>	<b>16650</b>	<b>59.0%</b>	<b>67.4%</b>	<b>8.1%</b>	<b>4.2%</b>	<b>18.1%</b>	<b>2.5%</b>	

**Programme infrastructure, Staffing and Training status in Fourth 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	32	89%	94%
Andhra Pradesh	24	178	924	110	138	32	18	21	171	161	169	873	71%	83%
Arunachal Pradesh	14	14	34	13	0	0	14	0	6	14	14	39	70%	58%
Assam	24	69	337	29	0	3	24	9	51	69	69	426	82%	64%
Bihar	38	177	714	28	2	7	26	28	157	140	145	639	70%	82%
Chandigarh	1	3	17	7	76	2	1	0	3	3	3	17	100%	100%
Chhattisgarh	16	67	375	72	0	3	16	2	53	62	60	318	80%	88%
D & N Haveli	1	1	5	0	9	0	1	0	1	1	1	5	100%	89%
Daman & Diu	2	2	4	0	3	0	2	1	1	2	2	4	66%	100%
Delhi	25	36	198	75	62	6	23	10	18	46	38	185	96%	73%
Goa	2	4	20	2	56	1	2	0	4	4	4	20	100%	100%
Gujarat	30	138	738	157	3927	16	17	13	137	137	134	690	97%	96%
Haryana	21	49	230	9	65	4	18	7	46	46	51	229	80%	69%
Himachal Pradesh	12	41	170	3	40	2	12	3	36	40	42	171	76%	81%
Jammu & Kashmir	14	42	165	9	8	5	15	12	35	40	43	234	90%	87%
Jharkhand	24	70	294	48	12	3	23	12	60	66	72	411	79%	86%
Karnataka	31	125	644	59	144	39	26	7	123	124	124	632	85%	78%
Kerala	14	79	490	79	27	22	14	10	56	73	72	530	79%	64%
Lakshadweep	1	1	9	2	0	0	1	0	0	1	1	19	19%	100%
Madhya Pradesh	50	150	742	83	105	11	50	11	128	133	144	769	83%	86%
Maharashtra	55	276	1368	226	5378	41	54	58	240	270	262	1318	74%	86%
Manipur	9	13	52	133	10	1	9	6	4	13	17	62	69%	59%
Meghalaya	7	12	57	27	0	1	6	1	7	12	12	52	90%	69%
Mizoram	8	9	30	1	0	0	8	2	8	9	9	29	74%	92%
Nagaland	11	13	44	46	15	0	11	0	3	13	13	48	77%	68%
Orissa	31	109	547	146	1	5	28	8	98	107	87	502	79%	86%
Puducherry	1	4	23	3	0	9	1	0	4	4	5	23	71%	94%
Punjab	20	60	290	71	312	8	20	7	52	55	54	287	88%	65%
Rajasthan	33	150	825	55	250	9	31	9	125	136	130	794	85%	83%
Sikkim	4	14	20	3	1	1	4	0	3	5	5	22	95%	92%
Tamil Nadu	31	142	797	106	102	27	25	23	113	136	133	733	86%	90%
Tripura	4	10	54	3	0	2	4	1	8	10	10	63	92%	95%
Uttar Pradesh	71	414	1831	210	138	22	69	43	371	377	357	1972	66%	58%
Uttarakhand	13	30	144	17	2	4	12	4	22	28	28	141	60%	64%
West Bengal	19	193	834	139	11	11	19	9	181	190	192	924	83%	71%
<b>Grand Total</b>	<b>662</b>	<b>2698</b>	<b>13039</b>	<b>1971</b>	<b>10894</b>	<b>297</b>	<b>605</b>	<b>317</b>	<b>2328</b>	<b>2530</b>	<b>2505</b>	<b>13213</b>	<b>79%</b>	<b>79%</b>

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

State	District	Popu- lation (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	Annualized total case notificatio n rate	Annualized new smear positive case notificatio n rate	Annualized new smear negative case notificatio n rate	Annualized new extra pulmonary case notificatio n rate	Annualized previously treated case notificatio n rate	Annualized previously treated smear positive case notificatio n rate
Andaman & Nicobar	Andaman & Nicobar Islands *	4	1154	304	55%	101	11	30%	106	102	240	253	79	69	67	37	27
Andhra Pradesh	Adilabad *	27	3190	117	-2%	607	5	-19%	89	81	973	142	70	37	14	22	17
Andhra Pradesh	Anantapur	41	6916	169	-4%	947	7	-2%	93	71	1277	125	57	29	16	23	17
Andhra Pradesh	Bhadrachalam	8	1814	216	-7%	337	5	-14%	161	140	438	209	118	39	12	40	25
Andhra Pradesh	Chittoor	42	7240	174	-3%	997	7	1%	96	65	1159	111	53	20	18	21	14
Andhra Pradesh	Cuddapah	29	5003	173	-14%	538	9	-10%	75	75	989	137	52	31	15	39	25
Andhra Pradesh	East Godavari	52	11580	225	18%	1096	11	12%	85	77	2046	159	63	49	21	26	15
Andhra Pradesh	Guntur	49	10132	207	-6%	1355	7	-1%	111	89	1879	154	67	37	13	36	23
Andhra Pradesh	Hyderabad	40	9978	249	-13%	1397	7	-14%	139	75	1726	172	58	34	46	35	19
Andhra Pradesh	Karimnagar	38	5276	138	-2%	721	7	-13%	76	70	1028	108	54	23	7	25	20
Andhra Pradesh	Khammam	20	3419	175	2%	614	6	0%	125	96	685	140	71	26	9	33	29
Andhra Pradesh	Krishna	45	6805	150	-5%	914	7	-2%	81	73	1407	124	59	27	15	23	16
Andhra Pradesh	Kurnool	40	6124	151	-2%	755	8	-3%	75	65	1299	128	51	35	14	29	18
Andhra Pradesh	Mahbubnagar	40	4595	114	-13%	778	6	-20%	77	71	1047	104	54	17	9	24	19
Andhra Pradesh	Medak	30	3179	105	1%	456	7	-7%	60	59	668	88	47	14	12	15	12
Andhra Pradesh	Nalgonda	35	4130	119	10%	788	5	-2%	90	78	1096	126	58	25	15	28	21
Andhra Pradesh	Nellore	30	5428	183	4%	620	9	15%	84	76	936	126	55	26	10	35	24
Andhra Pradesh	Nizamabad	26	5644	221	41%	489	12	42%	77	76	710	111	64	22	9	16	13
Andhra Pradesh	Prakasam	34	4992	147	-5%	680	7	-13%	80	80	1044	123	63	25	8	27	20
Andhra Pradesh	Rangareddi	53	5027	95	-37%	885	6	-11%	67	58	1419	107	45	20	22	20	15
Andhra Pradesh	Srikakulam	27	4847	180	17%	482	10	3%	71	69	906	134	57	42	12	24	12
Andhra Pradesh	Visakhapatnam	43	8086	189	2%	961	8	-9%	90	78	1408	131	65	28	21	18	14
Andhra Pradesh	Vizianagaram	23	4902	209	6%	529	9	3%	90	83	889	152	68	26	30	27	16
Andhra Pradesh	Warangal	35	5053	143	-6%	857	6	-7%	97	74	937	106	51	19	7	30	26
Andhra Pradesh	West Godavari	39	6955	177	6%	862	8	-1%	88	85	1457	148	69	38	12	28	17
Arunachal Pradesh	Changlang **	1	224	151	-27%	22	10	-47%	59	70	39	105	68	22	14	3	3
Arunachal Pradesh	Dibang Valley	1	96	155	-6%	11	9	-51%	71	71	14	90	58	0	19	13	13
Arunachal Pradesh	East Kameng *	1	118	150	-32%	25	5	-63%	128	97	39	199	71	56	20	51	26
Arunachal Pradesh	East Siang *	1	197	199	8%	21	9	-2%	85	113	49	198	73	36	32	57	48
Arunachal Pradesh	Kurung Kumey	1	75	84		2	38		9	27	15	67	9	18	13	27	18
Arunachal Pradesh	Lohit **	2	247	148	34%	42	6	-15%	101	86	59	142	72	34	5	31	14
Arunachal Pradesh	Lower Subansiri *	1	84	101	-5%	10	8	-78%	48	43	23	111	29	24	19	39	19
Arunachal Pradesh	Papum Pare *	2	697	395	-31%	96	7	-17%	218	129	139	315	86	95	57	77	48
Arunachal Pradesh	Tawang *	0.5	75	150	-1%	10	8	-11%	80	80	19	152	56	24	48	24	24
Arunachal Pradesh	Tirap †	1	256	229	49%	22	12	-19%	79	86	48	171	54	18	54	46	36
Arunachal Pradesh	Upper Siang *	0.4	79	224	-12%	6	13	11%	68	57	7	79	57	0	23	0	0
Arunachal Pradesh	Upper Subansiri *	1	97	117	-39%	13	7	-44%	62	67	25	120	43	24	10	43	29
Arunachal Pradesh	West Kameng *	1	114	131	6%	22	5	-35%	101	101	30	138	92	14	23	9	9
Arunachal Pradesh	West Siang *	1	82	73	-26%	12	7	-35%	43	53	25	89	39	4	7	25	18
Assam	Barpeta	19	1455	76	-7%	190	8	4%	40	41	449	94	32	29	10	23	11

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
		No	%					No	%	No	%	No	%	No	%					
Andaman & Nicobar	Andaman & Nicobar Islands *	21	10%	87%	81%	80%	74%	101	100%	94	93%	72	84%	55	23%	28%	1%	0%		
Andhra Pradesh	Adilabad *	31	4%	88%	63%	91%	71%	551	93%	594	100%	368	88%	944	97%	78%	4%	3%	100%	38%
Andhra Pradesh	Anantapur	30	3%	87%	69%	83%	66%	665	88%	723	95%	490	83%	1100	86%	90%	9%	8%	83%	55%
Andhra Pradesh	Bhadrachalam	3	1%	84%	57%	88%	76%	218	73%	275	92%	101	47%	299	68%	61%	6%	3%	100%	75%
Andhra Pradesh	Chittoor	29	3%	91%	72%	87%	66%	654	94%	691	99%	468	77%	1009	87%	88%	11%	10%	98%	78%
Andhra Pradesh	Cuddapah	14	2%	91%	73%	90%	75%	475	85%	522	94%	376	87%	885	89%	84%	7%	6%	100%	50%
Andhra Pradesh	East Godavari	100	6%	95%	85%	92%	83%	899	90%	979	98%	780	91%	1686	82%	89%	18%	16%	71%	34%
Andhra Pradesh	Guntur	43	3%	94%	87%	92%	77%	1049	95%	1104	100%	877	87%	1480	79%	92%	13%	12%	100%	51%
Andhra Pradesh	Hyderabad	155	11%	93%	74%	89%	69%	755	98%	767	99%	586	93%	861	50%	96%	7%	7%	100%	54%
Andhra Pradesh	Karimnagar	14	2%	90%	77%	91%	74%	614	88%	652	94%	421	84%	835	81%	77%	9%	7%	98%	42%
Andhra Pradesh	Khammam	15	3%	63%	47%	87%	80%	417	85%	489	100%	350	84%	623	91%	65%	9%	6%	87%	63%
Andhra Pradesh	Krishna	54	5%	93%	71%	91%	73%	744	88%	790	93%	622	84%	727	52%	89%	16%	15%	99%	29%
Andhra Pradesh	Kurnool	60	6%	90%	71%	83%	58%	569	82%	693	100%	317	61%	1261	97%	94%	10%	9%	93%	63%
Andhra Pradesh	Mahbubnagar	29	4%	88%	74%	85%	71%	703	95%	707	96%	487	82%	977	93%	90%	5%	4%	71%	33%
Andhra Pradesh	Medak	24	4%	90%	64%	87%	61%	427	94%	443	98%	272	80%	639	96%	92%	8%	7%	84%	57%
Andhra Pradesh	Nalgonda	38	4%	91%	72%	91%	74%	598	86%	638	92%	375	73%	1012	92%	92%	7%	7%	79%	27%
Andhra Pradesh	Nellore	13	2%	92%	70%	86%	66%	537	91%	587	100%	430	87%	936	100%	91%	10%	9%	99%	53%
Andhra Pradesh	Nizamabad	12	2%	91%	78%	90%	82%	448	91%	480	98%	358	85%	626	88%	91%	4%	4%	100%	58%
Andhra Pradesh	Prakasam	35	4%	91%	62%	87%	64%	602	86%	698	99%	479	92%	1003	96%	95%	16%	16%	100%	48%
Andhra Pradesh	Rangareddi	77	7%	90%	69%	86%	72%	740	93%	788	99%	604	89%	1210	85%	95%	11%	11%	92%	53%
Andhra Pradesh	Srikakulam	45	6%	94%	78%	94%	72%	390	84%	442	95%	281	80%	820	91%	98%	7%	7%	96%	20%
Andhra Pradesh	Visakhapatnam	87	7%	94%	86%	91%	77%	782	93%	830	98%	623	97%	1249	89%	98%	8%	8%	95%	63%
Andhra Pradesh	Vizianagaram	64	9%	93%	81%	92%	78%	441	89%	471	95%	382	80%	833	94%	97%	8%	7%	24%	76%
Andhra Pradesh	Warangal	15	2%	91%	78%	88%	80%	593	88%	630	93%	455	80%	937	100%	86%	3%	3%	100%	85%
Andhra Pradesh	West Godavari	55	5%	96%	89%	95%	86%	804	95%	837	99%	691	87%	766	53%	81%	18%	15%	73%	31%
Arunachal Pradesh	Changlang **	2	5%	90%	100%	94%	56%	23	88%	23	88%	10	48%	17	44%	49%	0%	0%		
Arunachal Pradesh	Dibang Valley	0	0%	100%	100%	83%	100%	11	100%	11	100%	7	100%	1	7%	100%	0%	0%		
Arunachal Pradesh	East Kameng *	6	21%	100%	100%	100%	100%	19	100%	19	100%	6	67%	2	5%	59%	0%	0%		
Arunachal Pradesh	East Siang *	1	3%	93%	100%	93%	78%	29	97%	30	100%	20	95%	16	33%	59%	0%	0%		
Arunachal Pradesh	Kurung Kumey	3	33%	100%				5	83%	6	100%	0		0	33%	59%	0%	0%		
Arunachal Pradesh	Lohit **	1	2%	74%	75%	83%	25%	34	94%	36	100%	17	100%	0	0%	69%	0%	0%		
Arunachal Pradesh	Lower Subansiri *	4	27%	63%	33%	100%	33%	8	80%	10	100%	6	100%	1	4%	0%				
Arunachal Pradesh	Papum Pare *	19	18%	97%	82%	87%	77%	53	90%	59	100%	36	100%	80	58%	94%	0%	0%		
Arunachal Pradesh	Tawang *	1	6%	67%	100%	100%	100%	10	100%	10	100%	7	100%	0	0%	89%	0%	0%		
Arunachal Pradesh	Tirap †	4	11%	95%	100%	75%	50%	22	88%	22	88%	7	70%	20	42%	75%	0%	0%		
Arunachal Pradesh	Upper Siang *	1	14%	100%	100%	86%	100%	5	100%	5	100%	6	86%	1	14%	71%	0%	0%		
Arunachal Pradesh	Upper Subansiri *	3	19%	77%	100%	75%	100%	14	93%	15	100%	8	100%	5	20%	72%	0%	0%		
Arunachal Pradesh	West Kameng *	3	11%	100%	75%	91%	100%	22	100%	22	100%	11	92%	9	30%	50%	0%	0%		
Arunachal Pradesh	West Siang *	2	11%	94%	100%	91%	60%	16	100%	16	100%	13	100%	0	0%	72%	0%	0%		
Assam	Barpeta	12	4%	80%	55%	84%	37%	158	76%	205	99%	75	58%	12	3%	53%	0%	0%		

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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Bongaigaon	10	1345	130	5%	193	7	-7%	74	67	278	107	54	21	8	24	15
Assam	Cachar	17	1912	110	-18%	229	8	-3%	53	41	493	114	37	41	27	9	6
Assam	Darrang	9	808	89	-7%	89	9	24%	39	37	149	66	30	15	6	15	7
Assam	Dhemajai	7	574	83	-24%	117	5	-9%	68	67	172	100	56	19	10	15	11
Assam	Dhubri	19	1606	82	-16%	235	7	9%	48	50	456	94	42	25	3	23	9
Assam	Dibrugarh	13	1633	123	-1%	334	5	-2%	101	77	566	171	62	35	50	23	17
Assam	Goalpara	10	968	96	3%	145	7	-12%	57	56	243	96	48	27	3	18	8
Assam	Golaghat	11	885	84	-17%	132	7	4%	50	42	296	112	35	40	17	20	8
Assam	Hailakandi	7	800	121	-23%	85	9	-20%	52	45	145	88	34	19	15	19	12
Assam	Jorhat	11	1814	166	49%	183	10	26%	67	60	324	119	49	25	23	22	11
Assam	Kamrup	29	3348	114	-3%	569	6	-10%	78	63	865	118	44	24	15	36	23
Assam	Karbi Anglong *	10	906	94	-4%	143	6	13%	59	50	292	121	43	49	8	20	9
Assam	Karimganj	12	998	82	-33%	110	9	-25%	36	35	239	79	29	24	11	15	6
Assam	Kokrajhar	11	906	85	-17%	223	4	-13%	84	87	336	126	72	27	2	25	16
Assam	Lakhimpur	10	732	70	-27%	134	5	-26%	52	43	180	69	38	14	7	10	6
Assam	Marigaon	10	958	100	-4%	104	9	33%	43	39	228	95	29	31	5	29	11
Assam	Nagaon	28	2883	102	-7%	365	8	8%	52	45	627	89	39	30	8	13	7
Assam	Nalbari	13	1007	75	-13%	131	8	-3%	39	45	284	84	37	27	4	15	9
Assam	North Cachar Hills *	2	265	124	-10%	46	6	-29%	86	77	67	126	54	32	7	32	24
Assam	Sibsagar	12	1041	91	-2%	228	5	-28%	79	69	382	133	55	27	25	25	16
Assam	Sonitpur	19	2265	118	-10%	414	5	-4%	86	76	648	135	67	34	14	19	11
Assam	Tinsukia	13	1712	130	3%	380	5	-19%	115	90	553	168	72	20	46	29	20
Assam	Udalguri	8	919	110		119	8		57	57	263	126	49	46	7	25	9
Bihar	Araria **	28	2058	73	-5%	210	10	7%	30	25	413	59	22	27	1	9	4
Bihar	Arwal	7	867	124	6%	78	11	37%	45	40	120	69	33	15	5	15	8
Bihar	Aurangabad-BI **	25	2443	97	19%	196	12	12%	31	28	306	49	21	11	4	13	8
Bihar	Banka **	20	2074	102	25%	163	13	25%	32	37	358	71	33	20	2	16	5
Bihar	Begusarai **	30	3179	108	-3%	377	8	-7%	51	47	616	83	35	26	4	18	13
Bihar	Bhagalpur **	30	4404	145	8%	393	11	32%	52	41	680	90	34	29	9	18	8
Bihar	Bhojpur **	27	1993	73	21%	190	10	13%	28	24	286	42	17	9	3	14	7
Bihar	Buxar	17	1982	116	76%	197	10	9%	46	44	261	61	32	10	3	16	12
Bihar	Darbhanga **	39	4017	102	4%	527	8	-15%	54	45	760	78	36	16	11	14	10
Bihar	Gaya **	44	2316	53	-49%	322	7	-59%	29	25	804	73	21	28	2	18	5
Bihar	Gopalganj **	26	3042	119	10%	249	12	-34%	39	35	372	58	24	12	3	19	11
Bihar	Jamui **	18	1217	69	15%	133	9	-5%	30	29	278	63	23	20	2	19	7
Bihar	Jehanabad **	11	1139	101	2%	135	8	-9%	48	47	270	96	37	37	3	19	11
Bihar	Kaimur **	16	1134	70	19%	135	8	2%	33	29	211	52	22	14	0	15	7
Bihar	Katihar **	31	3342	109	5%	515	6	6%	67	59	572	75	49	9	3	14	11
Bihar	Khagaria **	17	1782	108	29%	153	12	11%	37	33	201	49	28	9	2	9	6
Bihar	Kishanganj **	17	1504	89	-5%	184	8	-3%	44	42	248	59	35	9	3	12	7
Bihar	Lakhisarai **	10	914	91	-9%	66	14	9%	26	28	147	59	22	19	4	14	6
Bihar	Madhepura **	20	2156	108	-14%	191	11	-1%	38	35	215	43	30	6	1	6	5
Bihar	Madhubani **	45	3966	89	-3%	451	9	-1%	40	33	500	45	29	8	2	6	4
Bihar	Munger **	14	1622	119	4%	192	8	-2%	57	54	322	95	40	26	8	21	15

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate on rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
Assam	Bongaigaon	7	3%	90%	72%	85%	74%	164	92%	153	86%	69	49%	58	21%	49%	1%	0%		
Assam	Cachar	19	4%	91%	75%	84%	56%	154	84%	176	96%	119	63%	235	48%	30%	3%	1%	0%	100%
Assam	Darrang	4	2%	91%	69%	85%	64%	78	91%	84	98%	81	55%	76	51%	43%	0%	0%		
Assam	Dhemaji	4	3%	88%	75%	85%	65%	104	90%	115	99%	82	87%	75	44%	38%	2%	1%		
Assam	Dhubri	8	2%	90%	65%	87%	67%	187	75%	169	68%	149	67%	273	60%	27%	0%	0%		
Assam	Dibrugarh	52	11%	92%	68%	89%	75%	248	94%	241	92%	184	85%	166	29%	19%	0%	0%		
Assam	Goalpara	1	1%	90%	64%	79%	81%	130	91%	143	100%	74	88%	108	44%	38%	0%	0%		
Assam	Golaghat	6	2%	89%	65%	73%	48%	99	88%	102	90%	85	75%	83	28%	66%	1%	0%	100%	67%
Assam	Hailakandi	6	5%	86%	55%	78%	50%	44	58%	76	100%	38	64%	36	25%	17%	0%	0%		
Assam	Jorhat	14	5%	89%	69%	79%	41%	159	97%	164	100%	88	89%	103	32%	48%	1%	1%		
Assam	Kamrup	24	4%	89%	71%	86%	66%	422	87%	477	98%	229	68%	194	22%	32%	0%	0%	80%	100%
Assam	Karbi Anglong *	6	2%	82%	47%	77%	47%	115	92%	119	95%	65	62%	122	42%	2%	0%	0%	0%	100%
Assam	Karimganj	9	5%	82%	52%	80%	56%	81	76%	107	100%	52	65%	106	44%	30%	1%	0%	50%	50%
Assam	Kokrajhar	5	2%	89%	60%	81%	63%	200	85%	217	92%	152	79%	143	43%	33%	2%	1%		
Assam	Lakhimpur	10	6%	86%	71%	82%	38%	101	89%	114	100%	73	82%	157	87%	11%	0%	0%		
Assam	Marigaon	7	4%	74%	65%	75%	63%	84	88%	87	91%	75	87%	38	17%	28%	0%	0%		
Assam	Nagaon	15	3%	91%	78%	88%	70%	248	78%	305	95%	243	86%	123	20%	23%	1%	0%	0%	100%
Assam	Nalbari	2	1%	88%	76%	85%	63%	137	88%	156	100%	86	67%	115	40%	25%	1%	0%		
Assam	North Cachar Hills *	2	4%	87%	57%	83%	70%	36	86%	37	88%	11	55%	13	19%	64%	0%	0%		
Assam	Sibsagar	16	5%	86%	55%	83%	55%	178	87%	181	89%	80	68%	155	41%	13%	0%	0%		
Assam	Sonitpur	31	6%	78%	64%	80%	59%	336	89%	370	98%	214	85%	187	29%	20%	0%	0%		
Assam	Tinsukia	49	11%	93%	73%	87%	62%	265	87%	262	86%	161	80%	141	25%	43%	0%	0%	33%	67%
Assam	Udalguri	6	3%	87%	76%			108	89%	119	98%	0		111	42%	17%	0%	0%		
Bihar	Araria **	39	11%	90%	73%	85%	71%	108	59%	175	96%	117	75%	41	10%	31%	1%	0%		
Bihar	Arwal	5	5%	92%	80%	95%	86%	68	94%	72	100%	45	67%	4	3%	0%		0%	0%	0%
Bihar	Aurangabad-BI **	19	8%	86%	84%	79%	59%	170	93%	183	100%	108	89%	224	73%	6%	0%	0%		
Bihar	Banka **	25	9%	86%	89%	88%	67%	169	88%	141	74%	78	78%	343	96%	5%	6%	0%		
Bihar	Begusarai **	42	9%	94%	77%	95%	81%	327	92%	354	100%	143	52%	548	89%	33%	1%	0%		
Bihar	Bhagalpur **	70	13%	87%	73%	87%	76%	292	92%	316	100%	274	89%	610	90%	23%	3%	1%	25%	50%
Bihar	Bhojpur **	14	7%	80%	80%	83%	72%	131	79%	139	84%	89	68%	58	20%	8%	13%	1%		
Bihar	Buxar	11	6%	94%	86%	90%	88%	182	96%	188	99%	93	91%	253	97%	0%		0%		
Bihar	Darbhanga **	73	12%	92%	77%	90%	73%	422	93%	452	100%	275	89%	667	88%	36%	5%	2%	0%	60%
Bihar	Gaya **	16	3%	86%	79%	93%	93%	214	77%	272	97%	113	76%	669	83%	0%		0%		
Bihar	Gopalganj **	16	6%	90%	84%	90%	80%	213	94%	227	100%	152	91%	346	93%	31%	8%	2%	100%	0%
Bihar	Jamui **	8	4%	80%	67%	83%	74%	119	92%	129	99%	36	55%	238	86%	10%	0%	0%	0%	0%
Bihar	Jehanabad **	12	6%	88%	81%	82%	78%	126	93%	134	99%	60	78%	218	81%	7%	5%	0%		
Bihar	Kaimur **	4	3%	88%	77%	83%	62%	112	95%	116	98%	61	81%	114	54%	0%		0%		
Bihar	Katihar **	33	7%	88%	67%	85%	68%	389	84%	464	100%	353	100%	487	85%	38%	2%	1%	0%	100%
Bihar	Khagaria **	14	8%	89%	75%	88%	90%	123	87%	141	100%	67	75%	169	84%	43%	6%	2%		
Bihar	Kishanganj **	13	7%	90%	74%	89%	65%	155	88%	177	100%	122	90%	213	86%	59%	1%	0%		
Bihar	Lakhisarai **	8	7%	62%	64%	86%	89%	65	93%	70	100%	29	66%	44	30%	35%	2%	1%	0%	0%
Bihar	Madhepura **	11	6%	91%	83%	92%	98%	166	95%	175	100%	121	80%	8	4%	8%	0%	0%		
Bihar	Madhubani **	14	3%	89%	70%	83%	70%	357	95%	370	99%	220	76%	427	85%	5%	7%	0%		
Bihar	Munger **	17	7%	87%	74%	91%	68%	145	78%	186	100%	81	61%	286	89%	20%	0%	0%		

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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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 newly treated smear positive case notification rate
Bihar	Muzaffarpur **	48	4835	101	1%	548	9	1%	46	41	1126	94	33	34	9	18	9
Bihar	Nalanda **	29	1863	65	-13%	217	9	14%	30	29	356	50	26	16	1	6	2
Bihar	Nawada **	22	1221	55	6%	179	7	-1%	32	30	245	44	27	7	3	7	4
Bihar	Pashchim Champaran **	39	3485	89	-2%	439	8	17%	45	40	491	50	35	5	2	8	6
Bihar	Patna	58	5866	102	14%	667	9	22%	46	33	1370	95	26	32	16	21	8
Bihar	Purba Champaran **	51	3428	67	36%	398	9	15%	31	28	524	41	23	8	2	7	5
Bihar	Purnia **	33	4894	150	-5%	565	9	-7%	69	61	719	88	50	18	3	17	12
Bihar	Rohtas	30	3513	119	3%	337	10	8%	46	39	455	61	33	16	1	12	7
Bihar	Saharsa **	19	1741	92	-4%	150	12	28%	32	30	307	65	29	25	2	9	1
Bihar	Samastipur **	43	3735	88	2%	476	8	15%	45	40	830	78	29	22	7	20	12
Bihar	Saran **	39	2527	64	10%	236	11	20%	24	23	485	49	17	14	4	13	6
Bihar	Sheikhpura **	6	777	122	15%	41	19	51%	26	21	110	69	14	27	2	9	9
Bihar	Sheohar	7	631	96	3%	62	10	18%	38	37	191	116	27	58	7	24	10
Bihar	Sitamarhi **	34	3523	103	5%	430	8	6%	50	47	673	79	38	19	7	14	9
Bihar	Siwan	33	3025	91	-6%	309	10	10%	37	32	625	75	23	24	2	26	10
Bihar	Supaul **	22	1432	64	-8%	133	11	3%	24	22	219	39	17	12	1	10	5
Bihar	Vaishali **	35	3118	89	-11%	311	10	-9%	36	33	709	81	24	29	4	19	9
Chandigarh	Chandigarh	11	4146	393	53%	536	8	4%	203	107	539	204	78	25	61	41	33
Chhattisgarh	Bastar *	16	1554	100	4%	231	7	-14%	60	42	394	102	36	36	14	16	6
Chhattisgarh	Bilaspur-CG	27	2932	110	-8%	327	9	-2%	49	47	676	102	42	33	16	10	6
Chhattisgarh	Dantewada *	8	1042	132	18%	160	7	-9%	81	64	204	104	57	27	7	13	7
Chhattisgarh	Dhantari	8	894	112	19%	124	7	-19%	62	49	173	87	45	30	6	7	5
Chhattisgarh	Durg	33	3716	111	-1%	289	13	14%	35	32	888	106	28	44	25	10	5
Chhattisgarh	Janjgir	16	1810	112	-27%	176	10	10%	43	43	414	102	38	44	8	12	6
Chhattisgarh	Jashpur *	9	593	70	43%	64	9	17%	30	21	87	41	20	13	2	5	1
Chhattisgarh	Kanker *	7	1495	200	42%	122	12	32%	65	62	269	144	53	66	9	15	9
Chhattisgarh	Kawardha **	8	538	65	-19%	73	7	-18%	36	34	117	57	28	13	5	11	7
Chhattisgarh	Korba	12	1524	126	5%	134	11	3%	44	41	371	123	39	56	15	13	2
Chhattisgarh	Koriya **	7	698	106	24%	60	12	7%	36	33	139	84	26	32	8	18	8
Chhattisgarh	Mahasamund	10	899	87	-11%	113	8	-23%	44	42	228	88	38	34	7	9	5
Chhattisgarh	Raigarh-CG **	15	1228	82	4%	189	6	17%	51	50	381	102	44	44	5	9	6
Chhattisgarh	Raipur	41	4365	107	-9%	510	9	6%	50	45	1044	103	39	34	18	12	7
Chhattisgarh	Rajnandgaon	15	1811	118	1%	240	8	3%	62	65	465	121	54	34	14	18	12
Chhattisgarh	Surguja †	24	2262	96	12%	238	10	10%	40	38	589	100	35	44	7	14	3
D & N Haveli	Dadra & Nagar Haveli †	3	697	203	30%	70	10	34%	82	58	103	120	47	29	22	22	12
Daman & Diu	Daman	2	543	285	-7%	38	14	39%	80	38	67	140	27	67	15	31	10
Daman & Diu	Diu	0.5	190	365	36%	10	19	-71%	77	38	10	77	31	15	15	15	8
Delhi	BJRM Chest Clinic	5	1155	235	19%	141	8	-15%	115	111	269	219	75	37	48	59	37
Delhi	BSA Chest Clinic	5	729	137	4%	114	6	-1%	86	100	326	245	69	63	63	50	31
Delhi	CD Chest Clinic	5	843	158	21%	92	9	23%	69	53	204	153	38	60	26	29	18
Delhi	DDU Chest Clinic	11	2409	226	49%	235	10	22%	88	86	720	271	57	56	102	55	31
Delhi	DFIT Chest Clinic	9	1816	204		252	7		113	104	513	230	70	39	61	61	36
Delhi	GTB Chest Clinic	6	1728	313	17%	242	7	-9%	175	133	417	302	90	40	84	88	49
Delhi	Gulabi Bagh	9	1678	183	39%	182	9	-20%	80	73	359	157	45	20	43	48	33
Delhi	Hedgewar Chest Clinic	5	992	210	28%	113	9	26%	96	78	216	183	52	32	51	48	30
Delhi	Jhandewalan	5	898	165	3%	118	8	-3%	87	80	282	207	54	37	60	54	26
Delhi	Karawal Nagar	8	1199	157	-25%	219	5	-3%	114	117	578	302	83	53	98	69	40
Delhi	Kingsway Camp	7	1342	182	3%	163	8	12%	88	100	391	212	69	33	61	48	33

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
		No	%					No	%	No	%	No	%	No	%					
Bihar	Muzaffarpur **	80	9%	89%	72%	88%	76%	382	76%	499	100%	135	42%	803	71%	3%	6%	0%		
Bihar	Nalanda **	27	9%	91%	85%	97%	93%	193	94%	193	94%	189	88%	303	85%	0%	0%	0%		
Bihar	Nawada **	10	5%	96%	86%	94%	83%	168	99%	170	100%	114	80%	210	86%	18%	0%	0%		
Bihar	Pashchim Champaran **	13	3%	95%	82%	94%	89%	290	72%	391	97%	322	81%	48	10%	4%	15%	1%		
Bihar	Patna	129	12%	88%	74%	88%	70%	405	83%	451	92%	328	79%	102	7%	0%	0%	0%		
Bihar	Purba Champaran **	17	4%	91%	65%	98%	81%	331	94%	354	100%	185	73%	313	60%	21%	4%	1%		
Bihar	Purnia **	42	7%	91%	70%	91%	89%	477	95%	493	98%	0	0%	634	88%	32%	1%	0%		
Bihar	Rohtas	17	5%	85%	64%	95%	78%	267	91%	292	100%	189	68%	322	71%	35%	3%	1%		
Bihar	Saharsa **	18	7%	97%	86%	95%	73%	127	88%	145	100%	86	66%	172	56%	0%	0%	0%		
Bihar	Samastipur **	51	8%	89%	78%	92%	83%	361	83%	437	100%	238	66%	638	77%	0%	100%	0%		
Bihar	Saran **	15	4%	77%	65%	77%	52%	206	90%	229	100%	104	69%	417	86%	4%	47%	2%		
Bihar	Sheikhpura **	5	5%	82%	44%	86%	25%	30	83%	36	100%	25	83%	110	100%	35%	0%	0%		
Bihar	Sheohar	3	2%	87%	65%	88%	53%	48	79%	61	100%	33	85%	191	100%	0%	0%	0%		
Bihar	Sitamarhi **	75	14%	86%	67%	82%	73%	347	85%	402	98%	114	49%	497	74%	1%	13%	0%	0%	100%
Bihar	Siwan	24	6%	83%	74%	88%	88%	243	89%	273	100%	131	67%	543	87%	0%	0%	0%		
Bihar	Supaul **	8	5%	84%	67%	96%	100%	106	88%	121	100%	96	90%	218	100%	0%	0%	0%		
Bihar	Vaishali **	43	8%	87%	65%	90%	73%	209	72%	283	98%	99	58%	555	78%	8%	11%	1%		
Chandigarh	Chandigarh	39	9%	91%	73%	91%	70%	276	95%	290	99%	261	98%	104	19%	93%	1%	1%	67%	17%
Chhattisgarh	Bastar *	8	2%	84%	61%	83%	81%	153	94%	162	100%	88	100%	219	56%	37%	1%	0%	0%	50%
Chhattisgarh	Bilaspur-CG	41	7%	94%	73%	93%	85%	252	79%	303	95%	148	65%	486	72%	19%	5%	1%		
Chhattisgarh	Dantewada *	6	3%	66%	43%	53%	47%	83	66%	117	93%	16	30%	73	36%	0%	0%	0%		
Chhattisgarh	Damtari	3	2%	87%	67%	78%	27%	90	91%	97	98%	42	78%	130	75%	45%	3%	1%		
Chhattisgarh	Durg	59	7%	87%	67%	83%	69%	239	89%	262	97%	166	75%	403	45%	0%	0%	0%		
Chhattisgarh	Janjgir	21	6%	92%	86%	90%	79%	145	82%	176	100%	165	83%	216	52%	5%	0%	0%		
Chhattisgarh	Jashpur *	0	0%	91%	100%	94%	100%	43	93%	43	93%	25	96%	25	29%	0%	0%	0%		
Chhattisgarh	Kanker *	13	5%	90%	74%	89%	57%	100	86%	116	100%	58	68%	72	27%	39%	1%	0%		
Chhattisgarh	Kawardha **	9	9%	90%	40%	90%	38%	58	82%	71	100%	30	65%	55	47%	0%	0%	0%		
Chhattisgarh	Korba	24	7%	95%	56%	96%	72%	112	90%	124	100%	99	86%	304	82%	50%	1%	0%		
Chhattisgarh	Koriya **	1	1%	90%	90%	81%	75%	51	91%	56	100%	35	90%	62	45%	0%	0%	0%		
Chhattisgarh	Mahasamund	18	9%	90%	83%	88%	79%	101	92%	110	100%	61	73%	214	94%	0%	0%	0%		
Chhattisgarh	Raigarh-CG **	13	4%	95%	83%	93%	89%	183	97%	188	100%	124	74%	80	21%	0%	0%	0%		
Chhattisgarh	Raipur	32	3%	91%	79%	90%	73%	432	93%	462	99%	318	80%	355	34%	26%	2%	0%		
Chhattisgarh	Rajnandgaon	14	4%	90%	60%	85%	63%	233	92%	254	100%	0	0%	222	48%	16%	8%	1%		
Chhattisgarh	Surguja †	33	6%	91%	73%	92%	80%	207	92%	223	99%	176	100%	449	76%	0%	0%	0%		
D & N Haveli	Dadra & Nagar Haveli †	4	5%	89%	85%	82%	53%	47	94%	49	98%	37	95%	22	21%	60%	2%	1%		
Daman & Diu	Daman	1	2%	86%	80%	88%	57%	16	89%	18	100%	25	100%	26	39%	72%	4%	3%	100%	0%
Daman & Diu	Diu	1	13%	100%	100%	100%	100%	5	100%	5	100%	1	100%	0	0%	90%	0%	0%		
Delhi	BJRM Chest Clinic	16	8%	95%	78%	89%	76%	125	91%	137	100%	97	98%	60	22%	98%	2%	2%	100%	100%
Delhi	BSA Chest Clinic	25	10%	84%	67%	83%	59%	121	91%	130	98%	72	89%	119	37%	42%	0%	0%	0%	100%
Delhi	CD Chest Clinic	17	10%	96%	91%	85%	80%	75	100%	75	100%	54	100%	0	0%	89%	1%	1%		
Delhi	DDU Chest Clinic	70	12%	86%	67%	86%	82%	177	75%	235	100%	186	59%	39	5%	68%	3%	2%	100%	88%
Delhi	DFIT Chest Clinic	54	14%	89%	80%	88%	73%	206	87%	237	100%	181	46%	237	46%	108%	2%	2%		
Delhi	GTB Chest Clinic	29	10%	86%	74%	85%	61%	169	88%	193	100%	102	86%	25	6%	73%	0%	0%	100%	100%
Delhi	Gulabi Bagh	38	15%	90%	68%	84%	58%	157	88%	179	100%	88	100%	0	0%	85%	3%	3%	100%	100%
Delhi	Hedgewar Chest Clinic	14	9%	91%	72%	87%	73%	94	97%	97	100%	69	93%	2	1%	100%	1%	1%	0%	100%
Delhi	Jhandewalan	36	17%	88%	64%	81%	51%	98	89%	110	100%	75	100%	25	9%	71%	2%	1%	100%	67%
Delhi	Karawal Nagar	57	13%	88%	76%	89%	71%	221	94%	234	100%	198	98%	14	2%	44%	2%	1%	40%	60%
Delhi	Kingsway Camp	33	11%	92%	59%	88%	70%	183	97%	187	99%	118	99%	4	1%	79%	2%	2%	40%	100%



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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	LN Chest Clinic	5	1387	284	9%	136	10	4%	111	61	214	175	43	24	61	48	20
Delhi	LRS	9	1942	209	47%	377	5	-29%	162	131	708	304	93	44	89	78	43
Delhi	MNCH Chest Clinic	5	796	162	33%	116	7	-8%	94	131	405	329	86	56	104	83	48
Delhi	Moti Nagar	6	2246	380	16%	258	9	-3%	175	107	350	237	64	39	60	74	44
Delhi	Narela	6	1712	290	18%	216	8	-6%	146	111	403	273	77	60	58	77	40
Delhi	NDMC	7	3167	484	38%	390	8	0%	238	82	316	193	52	28	60	53	33
Delhi	Nehru Nagar	11	2398	226	7%	348	7	0%	131	114	756	285	74	51	81	77	46
Delhi	Patparganj	8	2209	294	-8%	301	7	14%	160	130	568	302	84	45	94	79	49
Delhi	R.K.Mission	8	1527	194	-7%	201	8	8%	102	94	375	190	65	40	36	50	34
Delhi	RTRM Chest Clinic	5	1311	257	31%	150	9	16%	117	94	234	183	53	34	38	58	44
Delhi	SGM Chest Clinic	7	1901	280	7%	200	10	32%	118	100	578	341	64	104	84	88	44
Delhi	Shahdra	6	1618	277	-20%	202	8	18%	138	103	396	271	69	38	90	74	36
Delhi	SPM Marg	6	919	153	-6%	112	8	16%	75	59	184	123	37	16	35	35	23
Delhi	SPMH Chest Clinic	5	1342	252	12%	213	6	10%	160	155	477	358	97	24	131	107	62
Goa	North Goa	8	2482	304	3%	201	12	-10%	98	64	278	136	51	19	43	23	15
Goa	South Goa	6	1125	176	15%	122	9	-9%	76	60	171	107	43	10	28	27	19
Gujarat	Ahmadabad	16	2442	149	-24%	366	7	-20%	89	74	434	106	55	8	14	29	19
Gujarat	Ahmadabad MC	56	8625	155	-12%	1300	7	-3%	93	76	2008	144	48	15	33	47	29
Gujarat	Amreli	15	3193	211	-4%	357	9	-22%	94	80	368	97	62	5	7	23	17
Gujarat	Anand	21	4046	194	4%	513	8	17%	98	85	755	144	60	28	15	41	25
Gujarat	Banaskantha	31	4445	143	-12%	699	6	-4%	90	81	900	116	54	12	8	42	28
Gujarat	Bharuch	16	2726	176	-8%	402	7	-4%	104	92	510	132	69	14	18	29	24
Gujarat	Bhavnagar	29	4942	172	1%	616	8	4%	86	77	792	110	57	12	13	28	21
Gujarat	Chhota Udepur	10	1694	169	17%	215	8	3%	86	90	305	122	66	14	8	34	25
Gujarat	Dahod *	21	4711	222	-12%	539	9	7%	101	96	674	127	63	16	11	37	34
Gujarat	Gandhinagar	14	2717	196	19%	294	9	12%	85	84	433	125	61	10	13	41	24
Gujarat	Jamnagar	22	3896	180	-3%	401	10	6%	74	75	609	113	58	5	18	32	20
Gujarat	Junagadh	27	4513	165	-11%	523	9	-5%	76	77	710	104	60	9	7	27	18
Gujarat	Kachchh	21	3475	166	-18%	415	8	-15%	79	64	463	89	48	6	9	26	18
Gujarat	Kheda	23	3913	170	4%	592	7	3%	103	91	743	129	63	17	7	42	29
Gujarat	Mahesana	20	4313	213	2%	454	10	3%	90	79	553	109	61	8	10	29	19
Gujarat	Narmada	6	1487	252	8%	145	10	13%	98	96	193	131	73	16	8	34	25
Gujarat	Navsari	13	2352	177	-15%	288	8	-10%	87	81	410	123	62	16	16	29	20
Gujarat	Panch Mahals	24	3994	167	-8%	651	6	3%	109	113	945	158	74	23	7	54	42
Gujarat	Patan	13	3914	291	45%	365	11	19%	109	86	404	120	60	12	9	40	27
Gujarat	Porbandar	6	989	169	2%	128	8	-5%	87	72	188	128	68	29	12	20	7
Gujarat	Rajkot	38	8061	212	0%	757	11	0%	80	71	938	99	56	9	11	23	16
Gujarat	Sabarkantha	24	4083	168	0%	669	6	2%	110	92	1006	166	59	35	10	59	34
Gujarat	Surat	16	3386	209	-7%	568	6	-5%	140	93	577	143	70	19	19	36	24
Gujarat	Surat MC	45	6570	147	-35%	726	9	-18%	65	63	1236	111	43	9	24	35	21
Gujarat	Surendranagar	18	3403	194	-4%	453	8	-1%	103	84	577	131	57	16	21	36	28
Gujarat	The Dangs *	2	445	196	-1%	38	12	30%	67	62	57	101	56	26	9	9	5
Gujarat	Vadodara	15	4788	321	50%	570	8	22%	153	96	509	137	62	16	13	46	35
Gujarat	Vadodara Corp	17	2397	144	-25%	311	8	12%	75	76	453	109	55	9	13	31	22
Gujarat	Valsad *	17	2681	157	-14%	267	10	7%	63	66	389	91	54	5	8	24	12
Gujarat	Vyara (Surat)	8	1472	183	-11%	194	8	11%	96	99	322	160	80	36	13	31	21
Haryana	Ambala	11	3498	308	73%	333	11	14%	117	77	370	130	53	19	24	34	26
Haryana	Bhiwani	16	1920	118	16%	261	7	16%	64	61	369	91	37	12	9	32	26
Haryana	Faridabad	18	2561	142	-15%	315	8	-31%	70	68	775	172	39	37	46	50	32



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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Fatehabad	9	1315	140	-11%	140	9	9%	59	62	231	98	40	16	11	32	26
Haryana	Gurgaon	15	2230	147	-2%	281	8	-3%	74	74	538	142	50	16	38	39	25
Haryana	Hisar	17	2541	146	5%	361	7	-4%	83	69	485	111	42	20	9	41	31
Haryana	Jhajjar	10	1847	193	102%	187	10	72%	78	90	387	162	66	28	28	41	29
Haryana	Jind	13	2037	153	10%	231	9	12%	69	72	394	118	45	19	18	37	31
Haryana	Kaithal **	11	1420	132	13%	170	8	2%	63	62	291	108	40	25	10	34	26
Haryana	Karnal	15	2107	140	-4%	335	6	-13%	89	70	502	133	43	27	25	39	31
Haryana	Kurukshetra	10	1386	144	-7%	186	7	5%	77	72	282	117	50	13	24	30	27
Haryana	Mahendragarh	9	1382	150	4%	203	7	-27%	88	71	307	133	37	24	20	52	35
Haryana	Mewat **	11	1058	97	-15%	201	5	4%	74	72	323	119	43	19	11	46	31
Haryana	Palwal	10	1377	132	17%	162	9	-1%	62	60	327	126	42	34	21	29	22
Haryana	Panchkula	6	1807	323	27%	155	12	18%	111	82	243	174	54	21	48	51	34
Haryana	Panipat	12	1684	140	13%	196	9	-4%	65	58	462	154	38	51	22	43	21
Haryana	Rewari	9	1254	140	-12%	159	8	-28%	71	67	303	135	46	27	25	36	22
Haryana	Rohtak	11	3514	332	-7%	534	7	-12%	202	92	412	156	55	25	28	47	40
Haryana	Sirsa	13	2265	175	28%	268	8	16%	83	67	324	100	45	10	15	30	25
Haryana	Sonapat	15	2124	144	6%	266	8	17%	72	80	600	162	53	35	25	49	30
Haryana	Yamunanagar	12	1411	116	-7%	190	7	-7%	63	56	298	98	42	14	18	24	17
Himachal Pradesh	Bilaspur-HP	4	739	193	-16%	58	13	40%	61	66	107	112	46	15	20	29	25
Himachal Pradesh	Chamba	5	866	167	0%	132	7	-19%	102	103	245	189	58	23	38	70	54
Himachal Pradesh	Hamirpur-HP **	5	970	214	-26%	97	10	-14%	85	77	171	151	56	19	45	30	26
Himachal Pradesh	Kangra	15	2829	188	1%	303	9	13%	80	62	527	140	42	24	37	33	22
Himachal Pradesh	Kinnaur *	1	238	282	11%	19	13	-15%	90	104	53	251	85	28	66	71	28
Himachal Pradesh	Kullu	4	812	186	-34%	80	10	4%	73	58	236	216	40	63	59	53	21
Himachal Pradesh	Lahul & Spiti *	0.3	101	320	18%	2	51	304%	25	25	15	190	0	89	25	76	25
Himachal Pradesh	Mandi	10	1954	195	-9%	196	10	-10%	78	90	393	157	57	22	34	44	37
Himachal Pradesh	Shimla	8	2249	276	12%	213	11	16%	105	72	326	160	55	23	46	36	18
Himachal Pradesh	Sirmaur	5	1069	202	-3%	115	9	-3%	87	77	210	158	51	37	34	36	29
Himachal Pradesh	Solan	6	1703	295	5%	171	10	3%	119	78	252	175	62	32	37	44	22
Himachal Pradesh	Una	5	964	185	12%	94	10	14%	72	75	161	124	59	21	23	21	18
Jammu & Kashmir	Anantnag	15	2841	190	19%	142	20	53%	38	38	197	53	31	3	10	9	8
Jammu & Kashmir	Badgam	7	1180	160	-17%	101	12	7%	55	59	133	72	57	2	10	4	3
Jammu & Kashmir	Baramula	14	1635	117	-20%	129	13	-18%	37	35	181	52	31	4	11	5	5
Jammu & Kashmir	Doda	9	1091	118	-9%	102	11	-8%	44	43	194	84	30	16	22	16	13
Jammu & Kashmir	Jammu	18	4199	228	-3%	596	7	-4%	129	100	719	156	73	21	24	37	31
Jammu & Kashmir	Kargil *	1	301	210	8%	18	17	-15%	50	50	36	100	39	39	8	14	11
Jammu & Kashmir	Kathua	6	913	148	4%	121	8	3%	79	91	217	141	56	22	20	43	36
Jammu & Kashmir	Kupwara	9	1338	153	-9%	112	12	9%	51	62	164	75	53	4	9	10	9
Jammu & Kashmir	Leh (Ladakh) *	1	368	250	43%	13	28	31%	35	33	37	101	19	8	57	16	16
Jammu & Kashmir	Poonch	5	660	138	-12%	46	14	53%	39	37	99	83	34	13	26	11	4
Jammu & Kashmir	Pulwama	8	1313	157	-7%	134	10	5%	64	68	168	80	66	5	5	4	2
Jammu & Kashmir	Rajouri	6	943	152	-8%	76	12	5%	49	47	159	103	34	16	31	19	14
Jammu & Kashmir	Srinagar	16	3241	207	-12%	211	15	34%	54	49	297	76	43	9	17	7	6
Jammu & Kashmir	Udhampur	9	1589	183	10%	143	11	25%	66	63	233	107	42	11	29	26	23
Jharkhand	Bokaro	21	2703	131	-8%	330	8	-12%	64	63	563	109	55	24	12	18	8
Jharkhand	Chatra **	10	984	94	15%	144	7	17%	55	53	227	87	51	23	4	10	4
Jharkhand	Deoghar **	15	1951	131	-3%	238	8	4%	64	60	281	75	53	8	2	13	7
Jharkhand	Dhanbad	27	3090	115	-2%	416	7	0%	62	59	648	97	52	22	7	16	7
Jharkhand	Dumka **	13	1856	140	22%	253	7	12%	77	75	614	186	62	79	2	43	14
Jharkhand	Garhwa	13	1331	101	10%	176	8	39%	53	54	476	144	45	67	4	28	8
Jharkhand	Giridih **	24	1973	81	-21%	310	6	-2%	51	52	412	67	45	10	3	9	8



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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Godda **	13	1284	98	3%	172	7	-21%	52	48	352	107	38	44	3	23	10
Jharkhand	Gumla †	10	844	82	12%	138	6	-11%	54	53	201	78	49	15	3	11	4
Jharkhand	Hazaribagh **	17	2784	161	27%	284	10	24%	66	62	442	102	55	26	7	14	8
Jharkhand	Jamtara **	8	939	119	0%	137	7	0%	69	67	240	121	57	27	2	35	10
Jharkhand	Khunti †	5	305	58	-17%	74	4	-6%	56	59	117	88	53	13	14	9	7
Jharkhand	Kodarma **	7	686	96	-9%	70	10	16%	39	33	102	57	28	13	1	14	5
Jharkhand	Lathehar **	7	1072	148	15%	115	9	29%	63	64	188	104	49	30	4	20	16
Jharkhand	Lohardaga *	5	397	86	0%	50	8	24%	43	34	69	60	28	15	6	11	6
Jharkhand	Pakaur **	9	1046	116	-6%	168	6	16%	75	77	260	116	66	22	7	21	12
Jharkhand	Palamu **	19	2651	137	6%	339	8	-1%	70	65	601	124	55	38	11	19	10
Jharkhand	Pashchimi Singhbhum *	15	1378	92	0%	241	6	1%	64	62	541	144	59	69	7	9	3
Jharkhand	Purbi Singhbhum †	23	2174	95	-4%	417	5	-5%	73	68	677	118	56	29	8	25	13
Jharkhand	Ramgarh **	9	1119	118	25%	119	9	24%	50	46	218	92	40	30	11	11	6
Jharkhand	Ranchi †	29	3564	122	-10%	463	8	2%	64	50	746	102	42	30	12	18	8
Jharkhand	Sahibganj **	12	1458	127	16%	159	9	19%	55	59	407	142	50	61	4	26	10
Jharkhand	Saraikela-Kharsawan **	11	1240	117	-20%	172	7	-20%	65	68	314	118	61	36	3	18	8
Jharkhand	Simdega **	6	574	96	5%	95	6	14%	63	59	124	83	53	12	7	11	7
Karnataka	Bagalkot	19	3977	210	8%	331	12	0%	70	58	508	107	44	29	13	22	15
Karnataka	Bangalore City	74	11603	157	-40%	1377	8	0%	75	37	1532	83	25	13	26	19	13
Karnataka	Bangalore Rural	10	1858	188	-12%	159	12	-16%	64	62	293	119	44	19	33	23	20
Karnataka	Bangalore Urban	22	5202	236	35%	379	14	15%	69	91	989	179	70	28	46	34	22
Karnataka	Belgaum	48	8191	171	5%	573	14	21%	48	44	1052	88	39	24	13	12	6
Karnataka	Bellary	25	4019	159	-21%	513	8	-7%	81	59	747	118	45	32	18	24	16
Karnataka	Bidar **	17	3839	226	-9%	305	13	-12%	72	64	568	134	47	44	10	32	20
Karnataka	Bijapur	22	4181	192	-2%	364	11	-19%	67	54	595	109	46	41	8	15	8
Karnataka	Chamarajanagar	10	2406	236	-7%	153	16	12%	60	70	336	132	51	20	28	32	24
Karnataka	Chikkaballapur	13	2614	208	2%	279	9	-11%	89	77	429	137	65	29	23	20	17
Karnataka	Chikmagalur	11	3415	300	35%	181	19	6%	64	56	255	90	43	11	16	19	16
Karnataka	Chitradurga	17	2816	170	-7%	325	9	-19%	78	77	573	138	61	36	16	25	17
Karnataka	Dakshina Kannada	21	5524	265	-2%	360	15	-11%	69	46	469	90	36	15	19	20	12
Karnataka	Davanagere	19	4845	249	1%	420	12	-21%	86	64	535	110	52	22	15	21	13
Karnataka	Dharwad	18	4100	222	6%	381	11	-2%	83	59	463	100	45	14	22	19	15
Karnataka	Gadag	11	2486	233	19%	215	12	10%	81	65	286	107	54	20	13	20	11
Karnataka	Gulbarga **	26	5561	217	2%	478	12	-12%	75	62	765	119	46	25	13	34	19
Karnataka	Hassan	18	5008	282	4%	263	19	6%	59	52	402	91	39	16	16	20	15
Karnataka	Haveri	16	2910	182	-9%	303	10	-27%	76	79	581	145	62	44	14	26	19
Karnataka	Kodagu	6	1488	268	39%	73	20	27%	53	50	124	89	43	17	17	12	8
Karnataka	Kolar	15	2611	170	-11%	231	11	6%	60	45	344	89	35	15	24	15	11
Karnataka	Koppal	14	2432	175	13%	296	8	13%	85	72	472	136	58	30	17	30	20
Karnataka	Mandya	18	5278	292	7%	319	17	5%	71	68	492	109	52	10	25	22	17
Karnataka	Mysore	30	8530	285	-7%	813	10	-8%	109	60	899	120	46	25	27	22	17
Karnataka	Raichur	19	4049	210	14%	511	8	1%	106	88	786	163	65	50	11	38	25
Karnataka	Ramanagara	11	2883	266	20%	222	13	-8%	82	79	362	134	55	15	29	34	27
Karnataka	Shimoga	18	4574	261	30%	310	15	14%	71	69	486	111	58	21	17	14	11
Karnataka	Tumkur	27	6235	233	0%	514	12	-1%	77	66	820	122	53	18	30	21	15
Karnataka	Udupi	12	3107	264	14%	219	14	-17%	74	57	276	94	46	10	19	19	14
Karnataka	Uttara Kannada	14	3761	262	25%	162	23	13%	45	43	318	89	35	28	12	13	9



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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Yadgiri **	12	2029	173	54%	156	13	29%	53	53	310	106	40	26	7	33	16
Kerala	Alappuzha	21	5825	275	15%	213	27	8%	40	42	521	98	36	35	18	9	8
Kerala	Ernakulam	33	7264	221	-9%	439	17	-14%	54	43	713	87	37	24	14	12	9
Kerala	Idukki	11	3619	327	-18%	70	52	-9%	25	25	161	58	22	13	17	6	5
Kerala	Kannur	25	6614	262	-2%	239	28	-14%	38	30	423	67	25	16	18	7	6
Kerala	Kasaragod	13	2367	182	-7%	122	19	-9%	37	37	221	68	31	11	15	11	8
Kerala	Kollam	26	7685	292	26%	288	27	28%	44	42	543	83	37	23	13	10	7
Kerala	Kottayam	20	7263	367	10%	261	28	-6%	53	46	435	88	40	15	21	11	9
Kerala	Kozhikode	31	6727	218	-4%	283	24	-16%	37	31	588	76	27	22	19	8	6
Kerala	Malappuram	41	8721	212	-26%	269	32	-10%	26	26	653	64	21	16	17	9	6
Kerala	Palakkad	28	5465	194	-11%	292	19	1%	42	45	591	84	37	14	20	13	11
Kerala	Pathanamthitta	12	3111	260	37%	140	22	41%	47	44	280	94	38	24	20	11	7
Kerala	Thiruvananthapuram	33	11515	348	7%	465	25	-7%	56	43	692	84	37	18	17	11	8
Kerala	Thrissur	31	8559	275	-4%	392	22	-2%	50	39	631	81	33	17	20	12	9
Kerala	Wayanad	8	2103	258	-6%	67	31	-5%	33	30	171	84	27	33	16	8	6
Lakshadweep	Lakshadweep *	0.6	286	444	175%	4	72	-41%	25	43	8	50	25	0	6	19	19
Madhya Pradesh	Alirajpur †	7	416	57	-37%	54	8	61%	30	32	103	57	25	15	4	12	7
Madhya Pradesh	Anuppur	7	1012	135	64%	108	9	10%	58	54	202	108	51	43	7	7	4
Madhya Pradesh	Ashoknagar	8	689	82	12%	98	7	-1%	46	49	217	103	37	42	5	18	12
Madhya Pradesh	Balaghat **	17	889	52	-3%	189	5	1%	44	45	301	71	40	16	4	10	5
Madhya Pradesh	Barwani †	14	1776	128	-3%	196	9	-2%	57	47	267	77	39	21	7	10	9
Madhya Pradesh	Betul **	16	2780	176	14%	249	11	-40%	63	46	306	78	41	20	5	12	8
Madhya Pradesh	Bhind	17	1634	96	-2%	143	11	-1%	34	31	429	101	26	58	6	10	6
Madhya Pradesh	Bhopal	24	5587	236	4%	774	7	9%	131	78	1034	175	58	58	18	41	21
Madhya Pradesh	Burhanpur **	8	1331	176	29%	166	8	10%	88	86	296	156	74	48	18	17	13
Madhya Pradesh	Chhatarpur **	18	6697	380	34%	717	9	30%	163	111	769	174	85	43	7	39	30
Madhya Pradesh	Chhindwara **	21	2371	113	13%	272	9	14%	52	45	494	95	31	34	8	22	16
Madhya Pradesh	Damoh **	13	1654	131	3%	280	6	-1%	89	80	447	141	57	33	16	34	28
Madhya Pradesh	Datia	8	693	88	-13%	147	5	-17%	75	69	321	163	48	54	17	43	21
Madhya Pradesh	Dewas	16	1739	111	12%	222	8	-15%	57	56	367	94	50	24	11	10	7
Madhya Pradesh	Dhar †	22	2453	112	-9%	275	9	5%	50	54	743	136	45	65	11	15	9
Madhya Pradesh	Dindori †	7	1617	230	122%	83	19	72%	47	44	166	94	39	37	7	11	7
Madhya Pradesh	Guna	12	1014	82	-19%	136	7	18%	44	38	289	93	36	40	10	7	5
Madhya Pradesh	Gwalior	20	3756	185	-9%	487	8	2%	96	74	628	124	55	24	19	26	20
Madhya Pradesh	Harda **	6	738	129	21%	79	9	-16%	55	56	186	130	44	55	11	20	15
Madhya Pradesh	Hoshangabad **	12	2402	194	18%	250	10	22%	81	81	553	178	65	68	18	26	17
Madhya Pradesh	Indore	33	7366	225	5%	816	9	5%	100	74	1172	143	54	27	29	33	22
Madhya Pradesh	Jabalpur	25	5031	204	26%	573	9	25%	93	79	978	159	62	37	26	35	20
Madhya Pradesh	Jhabua †	10	1119	109	-2%	192	6	-1%	75	69	334	130	64	48	8	10	6
Madhya Pradesh	Katni	13	957	74	-8%	183	5	4%	57	51	446	138	44	79	4	11	9
Madhya Pradesh	Khandwa **	13	1564	119	27%	201	8	0%	61	59	374	114	53	44	6	11	7
Madhya Pradesh	Khargone **	19	2601	139	-1%	324	8	0%	69	64	647	138	55	57	14	12	9
Madhya Pradesh	Mandla †	11	1269	120	12%	194	7	13%	74	65	327	124	58	38	19	8	7
Madhya Pradesh	Mandsaur	13	1824	136	-1%	221	8	-1%	66	63	467	139	41	50	14	33	25
Madhya Pradesh	Morena	20	1791	91	-3%	270	7	-3%	55	46	421	86	28	11	14	33	21
Madhya Pradesh	Narsinghpur **	11	1359	124	17%	128	11	8%	47	44	249	91	36	27	15	14	10
Madhya Pradesh	Neemuch	8	1289	156	13%	157	8	8%	76	79	335	162	63	51	17	31	16





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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Panna **	10	946	93	60%	187	5	37%	74	76	326	128	52	33	7	36	24
Madhya Pradesh	Raisen **	13	1484	111	51%	170	9	-1%	51	54	338	102	40	31	5	26	15
Madhya Pradesh	Rajgarh	15	1312	85	-1%	169	8	15%	44	36	404	104	29	39	8	28	8
Madhya Pradesh	Ratlam	15	1482	102	10%	183	8	29%	50	40	466	128	26	59	12	31	16
Madhya Pradesh	Rewa	24	3893	165	30%	428	9	12%	72	70	901	152	61	43	24	24	10
Madhya Pradesh	Sagar **	24	2635	111	8%	449	6	3%	76	71	699	118	55	33	10	21	17
Madhya Pradesh	Satna	22	3622	163	41%	394	9	30%	71	72	979	176	67	75	20	14	6
Madhya Pradesh	Sehore **	13	1085	83	1%	130	8	-6%	40	38	289	88	32	33	6	17	6
Madhya Pradesh	Seoni **	14	1068	77	-14%	147	7	-13%	43	45	299	87	32	23	11	19	13
Madhya Pradesh	Shahdol	11	1126	106	17%	131	9	25%	49	40	240	90	34	36	6	13	6
Madhya Pradesh	Shajapur	15	1377	91	-12%	273	5	17%	72	75	466	123	58	26	13	25	18
Madhya Pradesh	Sheopur	7	878	128	1%	191	5	3%	111	95	312	181	72	70	6	34	24
Madhya Pradesh	Shivpuri	17	2508	145	6%	345	7	8%	80	77	525	122	67	31	2	22	11
Madhya Pradesh	Sidhi	11	1172	104	6%	166	7	-11%	59	62	339	120	51	28	10	31	14
Madhya Pradesh	Singrauli	12	1038	88	-12%	93	11	20%	32	30	193	66	26	18	13	8	4
Madhya Pradesh	Tikamgarh **	14	927	64	21%	110	8	29%	30	26	180	50	21	19	3	7	6
Madhya Pradesh	Ujjain	20	3135	158	23%	419	7	22%	84	57	618	124	39	36	25	25	20
Madhya Pradesh	Umariya	6	1019	158	88%	114	9	38%	71	64	189	117	56	34	11	17	9
Madhya Pradesh	Vidisha **	15	1674	115	13%	210	8	7%	58	57	520	143	40	59	10	33	17
Maharashtra	Ahmednagar	42	5870	140	11%	407	14	16%	39	40	782	75	35	16	12	12	5
Maharashtra	Ahmednagar MC	4	602	172	-1%	44	14	13%	50	24	84	96	14	46	18	18	10
Maharashtra	Akola	14	2224	160	-24%	123	18	-5%	35	47	352	101	38	24	21	18	11
Maharashtra	Akola MC	4	896	210	41%	124	7	35%	116	43	114	107	29	22	30	26	16
Maharashtra	Amravati MC	6	1470	227	-17%	99	15	2%	61	43	161	100	28	24	22	26	15
Maharashtra	Amravati Rural	22	4477	200	10%	355	13	-8%	63	57	597	107	44	21	15	27	15
Maharashtra	Aurangabad MC	12	3532	302	386%	274	13	115%	94	105	411	140	87	13	14	26	19
Maharashtra	Aurangabad-MH **	25	1443	57	-97%	205	7	-89%	32	25	269	43	19	4	12	8	6
Maharashtra	Bhandara	12	2747	229	54%	141	19	56%	47	46	301	100	37	26	13	23	12
Maharashtra	Bhiwandi Nizampur	7	1525	214	128%	161	9	88%	91	70	353	199	49	58	28	64	22
Maharashtra	Bid **	26	4414	171	-7%	248	18	5%	38	35	428	66	28	13	12	13	7
Maharashtra	Buldana **	26	3343	129	-23%	411	8	-4%	64	47	595	92	33	23	11	24	16
Maharashtra	Chandrapur	22	3813	174	1%	321	12	9%	59	49	494	90	39	22	11	17	11
Maharashtra	Dhule	17	2647	158	3%	231	11	-2%	55	65	435	104	56	21	11	16	10
Maharashtra	Dhule MC	4	1076	286	3%	163	7	-16%	173	74	126	134	67	16	18	33	10
Maharashtra	Gadchiroli **	11	1963	183	27%	239	8	-11%	89	66	286	107	58	19	13	16	10
Maharashtra	Gondiya	13	2080	157	-8%	184	11	4%	56	47	313	95	40	21	18	15	7
Maharashtra	Hingoli **	12	1279	108	-5%	127	10	9%	43	44	284	96	36	30	16	15	12
Maharashtra	Jaigaon	38	4188	111	-4%	398	11	-4%	42	50	960	102	40	34	11	18	10
Maharashtra	Jaigaon MC	5	1224	266	-23%	116	11	-4%	101	43	130	113	37	41	16	19	10
Maharashtra	Jalna **	20	1112	57	-46%	196	6	-49%	40	39	369	75	29	20	9	18	12
Maharashtra	Kalyan Dombivli MC	12	1585	127	9%	227	7	2%	73	56	453	145	43	37	29	36	17
Maharashtra	Kolhapur	33	5515	166	-30%	428	13	-28%	51	50	665	80	44	12	10	14	7
Maharashtra	Kolhapur MC	5	618	113	-22%	65	10	-29%	47	44	111	81	36	14	17	14	8
Maharashtra	Latur **	25	4090	167	6%	277	15	8%	45	42	515	84	32	19	13	20	12
Maharashtra	Malegaon Corporation	5	992	211	77%	128	8	-1%	109	88	225	191	75	40	49	27	15

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
Madhya Pradesh	Panna **	50	21%	92%	75%	88%	67%	172	90%	190	99%	104	87%	8	2%	0%		0%		
Madhya Pradesh	Raisen **	18	7%	87%	82%	88%	79%	102	55%	184	100%	39	43%	38	11%	25%	2%	1%		
Madhya Pradesh	Rajgarh	40	14%	89%	62%	87%	62%	139	98%	141	99%	83	75%	288	71%	41%	1%	0%		
Madhya Pradesh	Ratlam	84	24%	88%	76%	83%	75%	131	86%	146	95%	89	77%	323	69%	41%	2%	1%		
Madhya Pradesh	Rewa	82	11%	90%	91%	88%	82%	402	95%	421	100%	253	85%	619	69%	44%	2%	1%	0%	100%
Madhya Pradesh	Sagar **	45	8%	88%	70%	90%	72%	386	90%	418	98%	189	62%	423	61%	21%	1%	0%		
Madhya Pradesh	Satna	60	7%	90%	70%	89%	70%	369	91%	383	94%	236	76%	518	53%	17%	0%	0%		
Madhya Pradesh	Sehore **	35	15%	91%	68%	90%	76%	122	98%	124	100%	74	86%	224	78%	29%	2%	1%		
Madhya Pradesh	Seoni **	24	10%	93%	75%	93%	66%	139	89%	138	88%	69	50%	286	96%	56%	4%	2%		
Madhya Pradesh	Shahdol	11	5%	94%	79%	94%	80%	93	88%	106	100%	50	56%	76	32%	9%	0%	0%		
Madhya Pradesh	Shajapur	56	15%	94%	88%	93%	94%	274	95%	281	98%	286	85%	319	68%	26%	1%	0%	0%	20%
Madhya Pradesh	Sheopur	57	22%	84%	53%	93%	80%	132	80%	157	95%	80	63%	260	83%	61%	0%	0%		
Madhya Pradesh	Shivpuri	19	4%	93%	85%	94%	63%	316	95%	319	96%	229	80%	410	78%	29%	16%	5%		
Madhya Pradesh	Sidhi	22	9%	82%	60%	93%	90%	140	76%	183	99%	82	84%	309	91%	0%		0%		
Madhya Pradesh	Singrauli	11	7%	87%	67%	92%	78%	59	65%	88	97%	40	48%	81	42%	0%		0%		
Madhya Pradesh	Tikamgarh **	4	3%	87%	67%	89%	81%	75	79%	95	100%	53	59%	140	78%	0%		0%		
Madhya Pradesh	Ujjain	87	18%	89%	68%	90%	49%	281	97%	290	100%	166	85%	283	46%	43%	3%	1%	50%	50%
Madhya Pradesh	Umariya	15	9%	93%	74%	90%	84%	92	88%	99	94%	50	78%	179	95%	33%	0%	0%		
Madhya Pradesh	Vidisha **	51	13%	86%	72%	87%	82%	185	89%	198	95%	128	87%	86	17%	4%	0%	0%		
Maharashtra	Ahmadnagar	29	4%	90%	65%	88%	58%	403	96%	420	100%	348	92%	118	15%	89%	7%	7%	96%	74%
Maharashtra	Ahmednagar MC	3	4%	62%	83%	63%	63%	18	86%	21	100%	16	0%	0	0%	89%	28%	25%	100%	75%
Maharashtra	Akola	14	5%	82%	71%	81%	48%	132	77%	171	100%	116	82%	272	77%	84%	6%	5%	97%	77%
Maharashtra	Akola MC	6	7%	92%	80%	64%	50%	44	92%	48	100%	21	0%	4	4%	97%	14%	14%	100%	100%
Maharashtra	Amravati MC	5	4%	93%	76%	82%	52%	64	93%	69	100%	48	91%	52	32%	89%	8%	7%	100%	93%
Maharashtra	Amravati Rural	20	4%	87%	67%	87%	60%	268	81%	328	100%	155	64%	270	45%	78%	3%	2%	100%	83%
Maharashtra	Aurangabad MC	11	3%	94%	88%	92%	81%	288	93%	307	99%	246	85%	173	42%	79%	6%	4%	100%	55%
Maharashtra	Aurangabad-MH **	10	5%	90%	64%	89%	68%	141	89%	158	100%	102	83%	2	1%	79%	5%	5%	100%	72%
Maharashtra	Bhandara	31	13%	88%	68%	84%	48%	118	80%	146	99%	81	72%	162	54%	96%	9%	9%	83%	100%
Maharashtra	Bhiwandi Nizampur	19	8%	83%	68%	87%	61%	115	91%	126	99%	105	85%	54	15%	76%	7%	5%	36%	64%
Maharashtra	Bid **	20	6%	92%	50%	87%	74%	212	92%	229	100%	147	74%	174	41%	74%	17%	13%	100%	51%
Maharashtra	Buldana **	12	3%	88%	61%	82%	61%	255	80%	316	99%	188	76%	162	27%	84%	4%	3%	100%	74%
Maharashtra	Chandrapur	11	3%	92%	65%	89%	74%	238	87%	274	100%	242	90%	249	50%	94%	5%	5%	100%	85%
Maharashtra	Dhule	9	2%	94%	77%	90%	73%	246	89%	273	99%	188	81%	318	73%	84%	10%	8%	100%	95%
Maharashtra	Dhule MC	9	9%	95%	73%	88%	82%	70	97%	72	100%	69	0%	16	13%	83%	12%	10%	100%	67%
Maharashtra	Gadchiroli **	8	3%	86%	61%	84%	64%	145	80%	164	90%	88	79%	137	48%	86%	3%	3%	100%	100%
Maharashtra	Gondiya	4	2%	83%	58%	82%	46%	134	85%	157	100%	91	72%	140	45%	86%	4%	3%	100%	90%
Maharashtra	Hingoli **	12	5%	90%	77%	82%	73%	127	90%	132	94%	115	86%	233	82%	89%	8%	7%	100%	54%
Maharashtra	Jalgaon	38	5%	89%	63%	84%	65%	396	84%	468	99%	282	73%	510	53%	91%	10%	9%	98%	37%
Maharashtra	Jalgaon MC	9	8%	87%	78%	86%	55%	50	91%	55	100%	51	0%	6	5%	98%	15%	15%	100%	63%
Maharashtra	Jalna **	4	1%	88%	77%	90%	76%	190	95%	201	100%	113	85%	212	57%	92%	9%	9%	26%	74%
Maharashtra	Kalyan Dombivli MC	23	7%	84%	64%	76%	47%	159	85%	187	100%	125	81%	14	3%	93%	7%	6%	83%	48%
Maharashtra	Kolhapur	33	6%	94%	71%	89%	58%	376	89%	422	100%	281	81%	319	48%	96%	12%	11%	74%	56%
Maharashtra	Kolhapur MC	3	3%	79%	52%	80%	58%	53	88%	57	95%	34	97%	2	2%	82%	24%	20%	100%	39%
Maharashtra	Latur **	15	4%	89%	55%	83%	63%	240	90%	267	100%	184	87%	249	48%	81%	16%	13%	100%	44%
Maharashtra	Malegaon Corporation	21	11%	89%	85%	81%	100%	97	92%	106	100%	56	0%	85	38%	81%	4%	3%	100%	57%

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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Mira Bhayander	8	1092	134	44%	163	7	0%	80	75	223	109	56	7	18	28	19
Maharashtra	Mumbai	125	26579	213	16%	3341	8	15%	107	99	7290	234	68	44	51	71	34
Maharashtra	Nagpur MC	24	3362	140	-19%	497	7	-10%	83	64	762	127	53	13	33	26	11
Maharashtra	Nagpur Rural	22	3543	158	-10%	383	9	2%	68	62	558	99	54	21	10	15	9
Maharashtra	Nanded **	28	3280	117	-6%	358	9	-3%	51	43	564	80	37	20	12	11	7
Maharashtra	Nanded Waghela MC	6	765	139	-33%	83	9	-13%	60	31	111	81	26	18	24	12	5
Maharashtra	Nandurbar *	16	1936	118	1%	245	8	-8%	60	53	408	99	45	24	13	17	11
Maharashtra	Nashik	42	5253	127	-17%	452	12	0%	44	44	761	73	39	18	8	9	5
Maharashtra	Nashik Corp	15	2541	171	8%	274	9	18%	74	58	347	93	49	22	8	14	9
Maharashtra	Navi Mumbai	11	2976	266	-25%	349	9	-7%	125	84	554	198	61	38	43	56	29
Maharashtra	Osmanabad **	17	2047	123	0%	154	13	10%	37	34	360	87	29	35	12	11	7
Maharashtra	Parbhani **	18	1856	101	-19%	181	10	-9%	39	39	353	77	31	21	13	12	8
Maharashtra	Pimpri Chinchwad	17	2529	146	-36%	236	11	6%	55	41	438	101	32	15	31	24	12
Maharashtra	Pune	31	4056	130	17%	395	10	24%	51	59	872	112	48	11	28	25	11
Maharashtra	Pune Rural	46	7961	174	-14%	830	10	0%	72	51	922	80	42	10	13	15	9
Maharashtra	Raigarh-Mh	26	4310	164	-6%	551	8	-13%	84	82	977	148	65	28	22	34	19
Maharashtra	Ratnagiri	16	3900	242	21%	293	13	13%	73	73	619	154	63	46	12	33	13
Maharashtra	Sangli	23	5752	248	2%	432	13	-14%	75	64	731	126	56	30	17	22	9
Maharashtra	Sangli MC	5	405	81	-44%	48	8	-19%	38	41	137	109	31	24	22	14	14
Maharashtra	Satara	30	6562	218	15%	452	15	7%	60	54	778	104	44	20	19	20	11
Maharashtra	Sindhuodurg	8	2356	278	1%	117	20	-24%	55	57	288	136	42	43	25	25	16
Maharashtra	Solapur	34	5114	152	31%	343	15	56%	41	40	585	70	33	15	9	12	8
Maharashtra	Solapur MC	10	1518	160	8%	197	8	26%	83	53	255	107	40	24	19	25	15
Maharashtra	Thane	48	5760	119	-35%	661	9	2%	55	58	1577	130	48	37	21	25	12
Maharashtra	Thane MC	18	2580	142	-14%	375	7	-6%	82	66	714	157	48	33	40	37	20
Maharashtra	Ulhasnagar MC	5	825	163	3%	128	6	9%	101	77	202	159	55	39	8	57	22
Maharashtra	Wardha	13	3056	236	18%	252	12	10%	78	62	350	108	51	17	22	18	12
Maharashtra	Washim	12	1211	101	-8%	110	11	11%	37	39	248	83	28	22	16	16	12
Maharashtra	Yavatmal **	28	4319	156	-6%	415	10	7%	60	60	838	121	46	30	23	21	14
Manipur	Bishnupur	2	180	75	-27%	21	9	75%	35	50	60	100	35	15	32	18	18
Manipur	Chandel *	1	150	104	-29%	12	13	37%	33	44	47	131	31	53	11	36	17
Manipur	Churachandpur *	3	531	196	-47%	29	18	-62%	43	56	102	150	43	56	25	27	16
Manipur	Imphal East	5	541	120	-25%	50	11	11%	44	41	142	125	32	48	24	22	11
Manipur	Imphal West	5	820	159	-8%	69	12	33%	54	33	133	103	26	25	33	20	8
Manipur	Senapati *	4	201	57	11%	17	12	21%	19	20	49	55	16	11	20	8	6
Manipur	Tamenglong *	1	128	91	-20%	15	9	6%	43	43	18	51	40	3	3	6	3
Manipur	Thoubal	4	250	59	-21%	34	7	5%	32	28	78	74	26	20	19	10	3
Manipur	Ukhrul *	2	107	58	-44%	12	9	-34%	26	28	22	48	20	0	17	11	9
Meghalaya	East Garo Hills *	3	252	79	149%	29	9	-16%	37	30	41	52	24	8	4	16	6
Meghalaya	East Khasi Hills *	8	2598	315	-59%	294	9	6%	143	99	494	240	74	38	69	58	32
Meghalaya	Jaintia Hills *	4	371	94	-31%	46	8	-6%	47	41	156	159	32	82	19	25	12
Meghalaya	Ri Bhoi *	3	383	148	-9%	37	10	18%	57	67	91	141	56	23	33	28	14
Meghalaya	South Garo Hills *	1	73	51	-59%	8	9	-47%	22	39	17	48	34	3	3	8	6
Meghalaya	West Garo Hills *	6	962	150	2%	122	8	27%	76	68	158	98	61	14	9	15	11
Meghalaya	West Khasi Hills *	4	538	140	10%	45	12	65%	47	63	179	186	50	33	68	34	19
Mizoram	Aizawl *	4	828	205	-17%	66	13	-22%	65	57	266	263	37	65	109	52	24
Mizoram	Champhai *	1	132	105	-31%	7	19	53%	22	22	32	102	13	45	19	26	16

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
Maharashtra	Mira Bhayander	8	5%	95%	78%	85%	47%	145	94%	154	100%	97	0%	148	66%	100%	9%	9%	100%	82%
Maharashtra	Mumbai	457	9%	91%	63%	85%	60%	2932	92%	3091	97%	1762	73%	34	0%	76%	8%	6%	100%	53%
Maharashtra	Nagpur MC	59	10%	92%	67%	85%	60%	298	77%	319	82%	249	78%	73	10%	90%	16%	15%	100%	52%
Maharashtra	Nagpur Rural	25	5%	92%	75%	88%	73%	320	91%	351	100%	322	92%	267	48%	90%	7%	7%	100%	77%
Maharashtra	Nanded **	12	2%	90%	63%	88%	86%	278	91%	302	98%	207	76%	266	47%	60%	10%	6%	73%	85%
Maharashtra	Nanded Waghela MC	3	3%	84%	65%	87%	56%	40	93%	42	98%	35	60%	70	63%	81%	14%	12%	100%	100%
Maharashtra	Nandurbar *	13	4%	88%	93%	83%	79%	192	83%	229	100%	100	66%	328	80%	78%	7%	6%	100%	50%
Maharashtra	Nashik	70	10%	95%	90%	92%	85%	427	93%	458	100%	340	76%	346	45%	83%	3%	2%	87%	80%
Maharashtra	Nashik Corp	33	11%	92%	68%	86%	80%	207	95%	216	100%	168	97%	40	12%	86%	8%	7%	100%	56%
Maharashtra	Navi Mumbai	71	18%	90%	54%	83%	45%	232	92%	253	100%	157	99%	285	51%	95%	12%	11%	100%	88%
Maharashtra	Osmanabad **	26	8%	80%	71%	82%	60%	111	76%	146	100%	113	80%	178	49%	75%	29%	21%	92%	23%
Maharashtra	Parbhani **	11	4%	91%	75%	94%	71%	150	83%	180	100%	142	84%	170	48%	86%	13%	11%	100%	23%
Maharashtra	Pimpri Chinchwad	21	6%	90%	65%	84%	66%	174	93%	182	97%	154	94%	1	0%	97%	20%	19%	99%	87%
Maharashtra	Pune	39	6%	94%	69%	89%	53%	435	93%	459	98%	353	97%	85	10%	97%	15%	15%	100%	71%
Maharashtra	Pune Rural	35	5%	91%	75%	85%	65%	487	83%	580	99%	390	76%	257	28%	89%	18%	16%	89%	53%
Maharashtra	Raigarh-Mh	42	6%	92%	73%	86%	63%	482	88%	548	100%	309	81%	613	63%	75%	7%	5%	99%	78%
Maharashtra	Ratnagiri	17	3%	93%	67%	88%	54%	287	93%	304	99%	229	85%	449	73%	94%	10%	9%	100%	86%
Maharashtra	Sangli	32	5%	90%	78%	86%	60%	337	89%	375	99%	241	79%	193	26%	94%	11%	10%	100%	86%
Maharashtra	Sangli MC	12	10%	100%	54%	91%	46%	44	79%	56	100%	35	78%	7	5%	97%	34%	33%	100%	68%
Maharashtra	Satara	24	4%	92%	71%	84%	42%	382	92%	413	100%	235	76%	515	66%	89%	18%	16%	88%	73%
Maharashtra	Sindhudurg	21	9%	87%	74%	84%	52%	109	88%	118	95%	75	86%	147	51%	91%	5%	5%	92%	83%
Maharashtra	Solapur	21	4%	90%	68%	90%	65%	269	78%	318	92%	298	80%	125	21%	61%	22%	13%	100%	65%
Maharashtra	Solapur MC	19	10%	84%	68%	77%	58%	118	91%	128	98%	99	92%	5	2%	90%	12%	11%	100%	52%
Maharashtra	Thane	131	10%	90%	71%	86%	59%	582	80%	701	97%	424	81%	1066	68%	69%	6%	4%	93%	51%
Maharashtra	Thane MC	80	15%	81%	65%	83%	65%	284	92%	290	94%	196	96%	365	51%	83%	6%	5%	100%	79%
Maharashtra	Ulhasnagar MC	4	3%	97%	52%	83%	61%	79	81%	98	100%	74	95%	5	2%	91%	8%	7%	100%	75%
Maharashtra	Wardha	7	2%	92%	74%	86%	69%	158	77%	193	95%	137	76%	240	69%	94%	4%	4%	100%	56%
Maharashtra	Washim	9	5%	83%	64%	86%	67%	99	83%	114	96%	69	86%	184	74%	71%	7%	5%	68%	47%
Maharashtra	Yavatmal **	37	5%	89%	63%	89%	64%	360	86%	408	98%	282	85%	575	69%	80%	14%	11%	100%	48%
Manipur	Bishnupur	2	4%	88%	83%	92%	80%	29	91%	31	97%	36	92%	58	97%	32%	0%	0%		
Manipur	Chandel *	2	6%	88%	100%	87%	33%	16	94%	17	100%	12	75%	36	77%	36%	47%	17%	75%	25%
Manipur	Churachandpur *	17	20%	84%	83%	91%	80%	40	100%	40	100%	13	93%	26	25%	73%	16%	12%	79%	79%
Manipur	Imphal East	5	4%	89%	78%	89%	60%	44	92%	45	94%	32	78%	95	67%	70%	4%	3%	39%	25%
Manipur	Imphal West	2	2%	91%	79%	85%	81%	43	100%	40	93%	53	85%	48	36%	20%	8%	2%	0%	0%
Manipur	Senapati *	3	7%	100%	89%	95%	100%	19	100%	19	100%	27	93%	0	0%	80%	3%	2%		
Manipur	Tamenglong *	1	6%	93%	100%	92%	100%	15	100%	15	100%	11	85%	12	67%	72%	0%	0%		
Manipur	Thoubal	2	3%	85%	33%	88%	50%	30	100%	29	97%	26	84%	58	74%	50%	3%	1%		
Manipur	Ukhrul *	1	6%	88%	0%	63%	100%	13	100%	13	100%	8	100%	14	64%	77%	24%	18%	83%	83%
Meghalaya	East Garo Hills *	1	4%	85%	100%	86%	100%	24	100%	24	100%	18	95%	17	41%	24%	0%	0%		
Meghalaya	East Khasi Hills *	45	12%	79%	55%	75%	36%	193	89%	208	95%	90	82%	239	48%	0%	0%	0%		
Meghalaya	Jaintia Hills *	48	37%	88%	42%	88%	63%	38	88%	43	100%	25	71%	156	100%	1%	0%	0%		
Meghalaya	Ri Bhoi *	12	16%	74%	64%	79%	67%	39	87%	40	89%	31	100%	76	84%	3%	0%	0%		
Meghalaya	South Garo Hills *	7	7%	100%	100%	86%	0%	10	71%	12	86%	10	83%	10	59%	12%	0%	0%		
Meghalaya	West Garo Hills *	7	5%	91%	83%	94%	100%	109	95%	115	100%	108	96%	69	44%	59%	0%	0%		
Meghalaya	West Khasi Hills *	23	16%	88%	71%	85%	56%	59	89%	60	91%	46	100%	97	54%	7%	0%	0%		
Mizoram	Aizawl *	31	15%	91%	68%			61	100%	61	100%	30	68%	19	7%	61%	22%	14%	100%	38%
Mizoram	Champhai *	10	42%	44%	100%	100%	67%	9	100%	9	100%	15	100%	15	47%	91%	14%	13%	67%	33%

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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Kolasib *	1	193	232	-5%	14	14	58%	67	67	38	183	58	39	53	34	10
Mizoram	Lawngtlai *	1	96	82	-42%	2	48	-17%	7	20	21	72	10	24	17	20	10
Mizoram	Lunglei *	2	280	182	1%	58	5	-56%	151	130	84	218	109	26	55	29	21
Mizoram	Mamit *	1	147	171	-8%	6	25	32%	28	28	20	93	28	37	19	9	0
Mizoram	Saiha *	1	135	240	11%	6	23	39%	43	43	42	298	28	121	92	57	21
Mizoram	Serchhip *	1	85	131	23%	5	17	3%	31	25	9	55	18	18	6	12	12
Nagaland	Dimapur *	4	757	199	-15%	112	7	15%	118	73	219	231	52	70	41	68	23
Nagaland	Kiphire *	1	110	149	44%	23	5	-47%	124	130	34	184	119	16	32	16	16
Nagaland	Kohima *	3	259	96	-26%	40	6	11%	59	50	81	120	31	30	27	33	21
Nagaland	Longleng*	1	52	103	63%	9	6	-49%	71	71	19	150	40	24	40	47	40
Nagaland	Mokokchung *	2	249	129	17%	46	5	10%	95	91	61	126	68	8	21	29	27
Nagaland	Mon *	3	680	271	20%	42	16	34%	67	96	127	203	70	29	65	38	26
Nagaland	Peren *	1	96	101	-20%	6	16	-24%	25	42	19	80	25	34	0	21	21
Nagaland	Phek *	2	132	81	50%	17	8	4%	42	34	26	64	27	2	17	17	15
Nagaland	Tuensang *	2	460	234	36%	48	10	33%	98	96	163	331	85	69	132	45	12
Nagaland	Wokha *	2	296	178	44%	25	12	49%	60	60	39	94	51	34	0	10	10
Nagaland	Zunheboto *	1	110	78	-28%	28	4	-49%	79	77	34	96	68	11	6	11	11
Orissa	Anugul	13	1921	151	4%	186	10	-3%	59	41	223	70	36	12	15	7	5
Orissa	Balangir **	16	1961	119	5%	271	7	7%	66	55	574	139	50	46	21	21	7
Orissa	Baleshwar	23	2633	114	7%	324	8	6%	56	48	476	82	39	19	12	13	9
Orissa	Bargarh	15	1743	118	20%	143	12	59%	39	45	408	110	39	26	34	11	6
Orissa	Bhadrak	15	1565	104	51%	131	12	-28%	35	36	242	64	31	7	18	8	6
Orissa	Bhubaneswar MC	8	1054	126	2%	146	7	1%	70	31	180	86	23	11	33	16	11
Orissa	Boudh	4	362	82	1%	51	7	-20%	46	55	102	93	53	15	19	6	4
Orissa	Cuttack	26	2500	95	17%	321	8	5%	49	29	400	61	24	8	21	9	6
Orissa	Debagarh	3	260	83	-19%	43	6	-16%	55	47	63	81	35	19	13	14	13
Orissa	Dhenkanal	12	1653	139	0%	169	10	-10%	57	56	270	91	46	11	19	14	10
Orissa	Gajapati †	6	662	115	-11%	114	6	11%	79	77	249	173	69	56	23	25	10
Orissa	Ganjam	35	4603	131	14%	626	7	12%	71	63	1278	145	50	37	31	27	15
Orissa	Jagatsinghpur	11	1145	101	-2%	43	27	69%	15	17	85	30	14	4	8	3	2
Orissa	Jajapur	18	1334	73	2%	168	8	19%	37	41	354	78	35	12	20	10	6
Orissa	Jharsuguda	6	1046	181	6%	108	10	-11%	75	66	208	144	56	46	19	23	12
Orissa	Kalahandi **	16	1800	114	-9%	246	7	-3%	63	61	477	121	54	31	18	18	7
Orissa	Kandhamal †	7	1169	160	-5%	157	7	5%	86	79	238	130	66	28	18	18	14
Orissa	Kendrapara	14	1570	109	-1%	109	14	16%	30	33	209	58	28	8	11	11	8
Orissa	Kendujhar	18	2677	148	3%	374	7	17%	83	71	690	153	61	47	25	20	11
Orissa	Khordha	14	1153	82	9%	133	9	2%	38	39	276	78	33	14	18	14	7
Orissa	Koraput †	14	2018	147	1%	324	6	6%	94	84	432	125	72	24	13	16	13
Orissa	Malkangiri *	6	706	115	-26%	150	5	-3%	98	121	236	154	101	19	9	25	21
Orissa	Mayurbhanj †	25	4239	169	1%	680	6	6%	108	103	1217	194	89	56	25	24	13
Orissa	Nabarangapur †	12	992	81	-9%	168	6	-12%	55	51	260	85	48	24	4	9	4
Orissa	Nayagarh	10	1298	135	-3%	168	8	15%	70	56	304	126	39	32	22	32	17
Orissa	Nuapada †	6	998	165	5%	139	7	-10%	92	81	227	150	70	54	6	20	13
Orissa	Puri	17	1764	104	-11%	142	12	-9%	33	33	270	64	24	10	15	16	10
Orissa	Rayagada †	10	1528	159	-7%	244	6	6%	101	100	368	153	85	30	17	21	16
Orissa	Sambalpur	10	2055	197	18%	222	9	3%	85	49	302	116	41	31	29	14	9
Orissa	Sonapur	7	732	112	-3%	77	10	-15%	47	48	145	89	37	18	19	15	12
Orissa	Sundargarh †	21	3943	190	11%	460	9	8%	88	73	832	160	64	49	25	21	10
Puducherry	Puducherry	12	5822	468	31%	647	9	7%	208	73	395	127	57	23	27	20	19
Punjab	Amritsar	25	3122	125	24%	473	7	80%	76	54	698	112	37	22	27	26	20

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
		No	%					No	%	No	%	No	%	No	%					
Mizoram	Kolasib *	5	16%	89%	78%	90%	89%	14	100%	14	100%	10	67%	9	24%	82%	10%	8%	100%	100%
Mizoram	Lawngtlai *	3	20%	100%	100%			6	100%	6	100%	2	67%	13	62%	38%	0%	0%		
Mizoram	Lunglei *	9	12%	96%	83%			50	100%	50	100%	21	100%	20	24%	81%	1%	1%	100%	67%
Mizoram	Mamit *	0	0%	100%	67%	60%	0%	6	100%	6	100%	2	67%	14	70%	80%	6%	5%	100%	67%
Mizoram	Saiha *	12	35%	100%	100%	75%	100%	7	100%	7	100%	6	75%	7	17%	24%	0%	0%		
Mizoram	Serchhip *	1	14%	100%	100%	67%	100%	5	100%	3	60%	3	100%	2	22%	100%	0%	0%		
Nagaland	Dimapur *	6	4%	93%	89%	87%	77%	62	87%	71	100%	60	72%	105	48%	73%	11%	8%	96%	50%
Nagaland	Kiphire *	4	13%	93%	100%	100%	67%	23	92%	23	92%	13	100%	8	24%	82%	0%	0%		
Nagaland	Kohima *	9	15%	94%	75%	97%	100%	34	97%	34	97%	42	100%	75	93%	95%	9%	9%	100%	67%
Nagaland	Longleng*	3	23%	81%	50%	80%	100%	10	100%	10	100%	5	83%	0	0%	53%	0%	0%		
Nagaland	Mokokchung *	4	9%	100%	84%	94%	70%	46	100%	46	100%	46	100%	15	25%	62%	5%	3%		
Nagaland	Mon *	14	14%	92%	69%	92%	100%	2	3%	41	68%	46	71%	0	0%	24%	3%	1%		
Nagaland	Peren *	2	14%	100%	50%	67%	75%	0	0%	0	0%	0	0%	0	0%	47%	0%	0%		
Nagaland	Phek *	2	11%	76%	100%	88%	75%	15	88%	15	88%	6	60%	17	65%	15%	25%	4%		
Nagaland	Tuensang *	35	25%	92%	60%	90%	76%	48	100%	48	100%	48	100%	80	49%	83%	7%	6%	14%	86%
Nagaland	Wokha *	3	9%	96%	100%	100%	100%	25	100%	25	100%	28	100%	30	77%	59%	0%	0%		
Nagaland	Zunheboto *	1	3%	91%	100%	92%	100%	28	100%	28	100%	27	100%	5	15%	29%	0%	0%		
Orissa	Anugul	8	4%	92%	72%	91%	72%	104	79%	131	100%	92	70%	224	100%	0%		0%	0%	0%
Orissa	Balangir **	25	5%	86%	70%	86%	71%	196	84%	230	99%	107	59%	544	95%	25%	1%	0%		
Orissa	Baleshwar	7	2%	89%	76%	86%	76%	255	91%	231	83%	157	74%	472	99%	52%	2%	1%	0%	0%
Orissa	Bargarh	18	5%	90%	73%	87%	80%	148	89%	163	98%	111	73%	408	100%	0%		0%		
Orissa	Bhadrak	6	3%	89%	62%	91%	67%	118	85%	138	99%	35	78%	242	100%	80%	2%	1%		
Orissa	Bhubaneswar MC	27	18%	93%	80%	86%	71%	65	89%	70	96%	42	88%	52	29%	86%	2%	2%		
Orissa	Boudh	6	6%	88%	86%	89%	67%	56	90%	61	98%	36	84%	101	99%	29%	0%	0%		
Orissa	Cuttack	15	4%	90%	65%	77%	68%	158	81%	193	99%	67	60%	340	85%	0%		0%		
Orissa	Debagarh	0	0%	78%	100%	70%	71%	34	92%	37	100%	18	82%	58	92%	22%	0%	0%		
Orissa	Dhenkanal	10	4%	91%	74%	90%	73%	150	89%	169	100%	75	60%	252	93%	34%	1%	0%		
Orissa	Gajapati †	21	10%	88%	43%	86%	43%	95	83%	110	96%	90	69%	252	101%	0%		0%		
Orissa	Ganjam	82	8%	89%	60%	87%	52%	473	83%	564	99%	260	67%	926	72%	52%	8%	4%		
Orissa	Jagatsinghpur	1	1%	94%	33%	95%	50%	40	83%	48	100%	59	88%	85	100%	8%	0%	0%		
Orissa	Jajapur	14	5%	96%	86%	94%	70%	168	90%	178	95%	155	82%	296	84%	25%	3%	1%		
Orissa	Jharsuguda	6	3%	93%	85%	87%	65%	86	88%	95	97%	65	79%	201	97%	0%		0%		
Orissa	Kalahandi **	15	4%	82%	65%	85%	50%	191	79%	232	96%	76	47%	25	5%	22%	1%	0%		
Orissa	Kandhamal †	13	6%	91%	77%	87%	79%	121	83%	143	98%	57	51%	223	94%	12%	7%	1%		
Orissa	Kendrapara	8	5%	96%	92%	99%	78%	110	87%	126	100%	125	95%	193	92%	0%		0%		
Orissa	Kendujhar	29	5%	90%	70%	88%	61%	289	89%	323	100%	262	87%	5	1%	1%	0%	0%		
Orissa	Khordha	17	7%	89%	64%	93%	66%	107	76%	141	100%	73	70%	19	7%	83%	1%	1%		
Orissa	Koraput †	23	6%	92%	80%	89%	74%	221	75%	289	99%	168	69%	381	88%	67%	0%	0%		
Orissa	Malikangiri *	10	5%	80%	81%	85%	76%	130	70%	154	83%	79	54%	113	48%	0%		0%		
Orissa	Mayurbhanj †	36	3%	90%	79%	89%	72%	533	83%	644	100%	408	73%	1091	90%	45%	1%	0%		
Orissa	Nabarangapur †	11	5%	95%	76%	88%	71%	144	91%	152	96%	79	71%	245	94%	17%	4%	1%		
Orissa	Nayagarh	16	7%	80%	56%	67%	34%	123	90%	134	99%	33	42%	13	4%	17%	4%	1%		
Orissa	Nuapada †	5	3%	90%	67%	88%	73%	114	90%	126	100%	46	61%	44	19%	9%	0%	0%		
Orissa	Puri	13	6%	87%	72%	87%	61%	133	94%	141	100%	82	76%	261	97%	40%	0%	0%		
Orissa	Rayagada †	48	15%	86%	70%	88%	71%	163	67%	243	100%	157	66%	326	89%	10%	5%	1%	0%	0%
Orissa	Sambalpur	12	5%	92%	83%	88%	76%	129	99%	130	100%	69	58%	302	100%	29%	3%	1%		
Orissa	Sonapur	3	2%	89%	78%	84%	36%	71	90%	78	99%	30	61%	14	10%	4%	0%	0%		
Orissa	Sundargarh †	28	4%	93%	78%	89%	69%	301	78%	363	94%	205	67%	781	94%	39%	2%	1%		
Puducherry	Puducherry	31	9%	90%	76%	84%	76%	181	77%	181	77%	144	95%	0	0%	85%	3%	2%	100%	67%
Punjab	Amritsar	36	7%	88%	69%	88%	78%	337	95%	355	100%	329	100%	497	71%	79%	3%	3%	67%	100%

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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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
Punjab	Barnala	6	836	140	-7%	81	10	11%	54	56	123	83	44	15	9	13	12
Punjab	Bathinda	14	1576	113	-29%	208	8	-12%	60	59	385	111	40	21	19	31	20
Punjab	Faridkot	6	1044	169	-1%	159	7	-8%	103	93	290	188	59	44	32	53	37
Punjab	Fatehgarh Sahib	6	1271	212	32%	88	14	26%	59	65	164	109	44	11	29	21	19
Punjab	Firozpur	20	2715	134	-3%	292	9	18%	58	61	499	98	48	18	10	26	18
Punjab	Gurdaspur	23	3270	142	9%	350	9	17%	61	64	571	99	44	14	14	28	22
Punjab	Hoshiarpur	16	2024	128	-2%	213	10	17%	54	50	345	87	33	19	12	22	18
Punjab	Jalandhar	22	2575	118	-15%	402	6	0%	74	63	680	125	43	20	31	30	23
Punjab	Kapurthala	8	1090	133	-17%	115	9	-1%	56	53	191	93	42	20	18	15	12
Punjab	Ludhiana	35	4453	128	-10%	520	9	8%	60	58	1068	122	41	26	29	27	19
Punjab	Mansa-PN	8	1551	202	-9%	132	12	17%	69	65	200	104	46	16	19	23	20
Punjab	Moga	10	981	99	-12%	176	6	-1%	71	72	299	121	52	22	17	30	22
Punjab	Mohali	10	1015	103	-38%	106	10	-2%	43	59	292	118	41	17	33	28	19
Punjab	Muktsar	9	1124	125	-18%	159	7	-3%	70	70	234	104	47	13	16	27	25
Punjab	Nawanshahr	6	983	160	7%	116	8	23%	76	83	200	130	69	13	29	20	16
Punjab	Patiala	19	3021	160	2%	387	8	0%	82	63	601	127	42	17	36	31	23
Punjab	Rupnagar	7	1371	201	9%	148	9	8%	87	77	215	126	60	17	28	20	19
Punjab	Sangrur	17	3240	196	-7%	244	13	9%	59	63	542	131	41	34	24	31	23
Punjab	Tarn Taran	11	1634	146	21%	183	9	18%	65	73	347	124	52	19	20	33	22
Rajasthan	Ajmer	26	4321	167	2%	850	5	-10%	132	102	1310	203	62	51	32	58	43
Rajasthan	Alwar	37	4158	113	-8%	604	7	-4%	66	70	1282	140	56	42	23	18	16
Rajasthan	Banswara †	19	2415	124	7%	570	4	13%	117	116	786	162	88	28	11	34	28
Rajasthan	Baran	12	2258	184	20%	342	7	5%	112	95	564	184	72	58	19	35	27
Rajasthan	Barmer	26	3422	131	27%	275	12	61%	42	45	599	92	37	27	12	16	8
Rajasthan	Bharatpur	25	2842	111	1%	491	6	-9%	77	76	896	141	56	41	15	29	22
Rajasthan	Bhilwara	24	4796	199	3%	801	6	3%	133	124	1429	237	83	58	36	60	42
Rajasthan	Bikaner	24	3816	161	12%	495	8	0%	84	64	597	101	47	10	19	24	18
Rajasthan	Bundi	11	1628	146	29%	205	8	19%	74	83	422	152	62	34	19	36	22
Rajasthan	Chittaurgarh	21	3158	152	7%	371	9	7%	71	102	918	177	68	45	23	41	35
Rajasthan	Churu	20	2182	107	4%	330	7	-5%	65	56	551	108	39	32	13	24	18
Rajasthan	Dausa	16	3043	186	27%	296	10	51%	72	73	595	145	46	48	16	35	28
Rajasthan	Dhaulpur	12	2295	190	1%	340	7	-5%	113	101	486	161	71	39	11	41	32
Rajasthan	Dungarpur †	14	1837	132	1%	460	4	0%	132	133	708	204	98	50	10	46	37
Rajasthan	Ganganagar	20	2681	136	13%	353	8	15%	72	70	652	132	56	40	15	21	15
Rajasthan	Hanumangarh	18	2484	140	4%	347	7	23%	78	70	561	126	46	31	16	34	27
Rajasthan	Jaipur	36	11201	312	28%	1393	8	5%	155	69	1370	153	46	36	36	34	24
Rajasthan	Jaipur DTC	31	5761	187		615	9		80	77	1182	154	52	37	26	39	27
Rajasthan	Jaisalmer	7	1024	152	17%	64	16	35%	38	40	115	68	33	8	19	8	8
Rajasthan	Jalore	18	1829	100	5%	327	6	-2%	71	84	690	151	66	45	6	33	20
Rajasthan	Jhalawar	14	1815	129	30%	319	6	19%	90	74	468	133	51	41	9	32	26
Rajasthan	Jhunjhunun	21	2968	139	17%	325	9	21%	61	50	542	101	31	27	15	27	21
Rajasthan	Jodhpur	37	4758	129	-13%	539	9	23%	58	52	1095	119	40	32	27	19	13
Rajasthan	Karauli	15	2632	180	15%	305	9	21%	84	70	597	164	39	70	6	48	33
Rajasthan	Kota	20	3312	170	16%	490	7	9%	100	74	727	149	55	44	22	29	21
Rajasthan	Nagaur	33	3173	96	5%	449	7	15%	54	54	839	101	35	24	14	29	20
Rajasthan	Pali	20	2149	105	0%	323	7	19%	63	67	678	133	46	48	11	28	21
Rajasthan	Rajsamand	12	1352	117	8%	274	5	-18%	95	97	477	165	64	40	17	42	33

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
		No	%					No	%	No	%	No	%	No	%					
Punjab	Barnala	5	5%	92%	76%	89%	94%	79	94%	83	99%	69	85%	41	33%	80%	0%	0%	100%	100%
Punjab	Bathinda	11	4%	92%	85%	90%	75%	198	95%	209	100%	221	100%	91	24%	79%	2%	1%	100%	33%
Punjab	Faridkot	10	5%	89%	70%	85%	75%	145	98%	142	96%	98	100%	101	35%	95%	1%	1%	100%	100%
Punjab	Fatehgarh Sahib	6	5%	92%	70%	90%	68%	98	97%	101	100%	73	97%	97	59%	66%	2%	1%	100%	100%
Punjab	Firozpur	15	4%	83%	68%	87%	61%	280	89%	302	96%	215	92%	181	36%	54%	4%	2%	33%	33%
Punjab	Gurdaspur	21	5%	94%	79%	90%	74%	347	92%	379	100%	284	85%	52	9%	71%	1%	1%		
Punjab	Hoshiarpur	13	5%	92%	86%	90%	73%	191	94%	203	100%	182	89%	214	62%	70%	0%	0%	100%	0%
Punjab	Jalandhar	31	6%	90%	78%	90%	74%	333	92%	337	93%	314	87%	179	26%	50%	2%	1%	67%	33%
Punjab	Kapurthala	10	6%	88%	88%	81%	76%	110	100%	110	100%	98	88%	47	25%	84%	3%	3%	67%	33%
Punjab	Ludhiana	62	7%	91%	78%	84%	69%	471	91%	507	98%	428	93%	320	30%	75%	1%	1%	45%	64%
Punjab	Mansa-PN	9	6%	93%	93%	94%	87%	121	96%	126	100%	123	100%	0	0%	69%	1%	1%	100%	0%
Punjab	Moga	9	4%	96%	93%	92%	92%	176	96%	174	95%	163	96%	109	36%	36%	2%	1%	100%	0%
Punjab	Mohali	11	5%	96%	88%	88%	70%	114	77%	149	100%	121	93%	85	29%	74%	1%	1%	100%	100%
Punjab	Muksar	11	6%	91%	75%	93%	82%	151	93%	162	100%	108	90%	51	22%	73%	0%	0%		
Punjab	Nawanshahr	3	2%	92%	77%	93%	78%	123	95%	130	100%	114	89%	46	23%	38%	1%	1%	100%	100%
Punjab	Patiala	26	6%	86%	71%	85%	66%	289	93%	295	95%	214	92%	101	17%	55%	1%	0%	67%	33%
Punjab	Rupnagar	9	5%	94%	81%	93%	74%	116	86%	135	100%	132	96%	34	16%	94%	0%	0%	100%	50%
Punjab	Sangrur	17	4%	90%	75%	88%	79%	256	96%	266	100%	192	76%	35	6%	65%	1%	0%		
Punjab	Tarn Taran	10	4%	92%	68%	95%	72%	208	100%	208	100%	168	100%	23	7%	54%	3%	2%		
Rajasthan	Ajmer	66	7%	92%	72%	88%	74%	614	90%	661	97%	367	81%	37	3%	50%	1%	0%		
Rajasthan	Alwar	36	3%	92%	80%	91%	89%	529	80%	547	83%	426	84%	239	19%	52%	0%	0%		
Rajasthan	Banswara †	17	3%	92%	76%	91%	81%	474	83%	538	95%	322	65%	78	10%	12%	1%	0%		
Rajasthan	Baran	33	7%	93%	85%	92%	84%	281	93%	297	98%	210	85%	159	28%	5%	0%	0%		
Rajasthan	Barmer	12	2%	91%	80%	91%	80%	243	82%	292	98%	202	78%	22	4%	42%	0%	0%		
Rajasthan	Bharatpur	38	5%	95%	83%	92%	86%	402	82%	476	97%	267	78%	220	25%	7%	2%	0%		
Rajasthan	Bhilwara	64	6%	91%	77%	88%	76%	657	87%	730	97%	584	89%	149	10%	34%	4%	1%		
Rajasthan	Bikaner	29	6%	89%	72%	88%	77%	342	89%	346	90%	244	87%	63	11%	0%		0%		
Rajasthan	Bundi	16	5%	91%	69%	87%	74%	210	89%	231	98%	134	77%	66	16%	15%	0%	0%		
Rajasthan	Chittaurgarh	24	3%	90%	80%	89%	71%	469	87%	494	92%	299	84%	54	6%	51%	1%	1%		
Rajasthan	Churu	32	7%	91%	80%	89%	73%	252	87%	275	95%	217	91%	54	10%	10%	0%	0%		
Rajasthan	Dausa	17	4%	92%	84%	90%	80%	222	74%	298	99%	202	78%	110	18%	13%	0%	0%		
Rajasthan	Dhaulpur	33	9%	92%	82%	91%	71%	239	77%	295	95%	173	71%	91	19%	15%	0%	0%		
Rajasthan	Dungarpur †	16	3%	92%	72%	91%	80%	340	73%	468	100%	300	78%	136	19%	8%	2%	0%		
Rajasthan	Ganganagar	18	3%	92%	82%	91%	87%	326	93%	347	99%	320	88%	110	17%	74%	0%	0%		
Rajasthan	Hanumangarh	33	8%	90%	78%	87%	76%	294	91%	303	94%	249	85%	17	3%	36%	1%	0%		
Rajasthan	Jaipur	101	10%	94%	81%	91%	73%	469	76%	612	99%	418	83%	71	5%	85%	1%	1%	0%	100%
Rajasthan	Jaipur DTC	63	7%	94%	82%			501	82%	582	95%	453	91%	133	11%	69%	1%	0%	0%	100%
Rajasthan	Jaisalmer	6	6%	90%	83%	87%	72%	59	86%	62	90%	48	83%	19	17%	0%		0%		
Rajasthan	Jalore	8	1%	93%	82%	93%	84%	356	91%	392	100%	274	92%	30	4%	12%	14%	2%	25%	50%
Rajasthan	Jhalawar	14	4%	91%	76%	87%	82%	227	83%	261	96%	176	84%	48	10%	3%	0%	0%		
Rajasthan	Jhunjhunun	16	4%	90%	72%	86%	71%	234	83%	266	95%	193	82%	56	10%	8%	0%	0%	0%	100%
Rajasthan	Jodhpur	45	5%	96%	72%	92%	75%	411	85%	482	100%	364	71%	86	8%	10%	5%	1%		
Rajasthan	Karauli	19	5%	93%	83%	88%	71%	192	73%	263	100%	159	70%	172	29%	0%		0%		
Rajasthan	Kota	46	8%	92%	78%	90%	81%	321	87%	283	77%	226	75%	173	24%	0%		0%		
Rajasthan	Nagaur	30	5%	89%	76%	87%	80%	388	85%	410	90%	319	85%	140	17%	0%		0%		
Rajasthan	Pali	21	4%	94%	82%	90%	82%	300	88%	332	97%	246	79%	30	4%	4%	7%	0%		
Rajasthan	Rajsamand	19	5%	90%	76%	89%	82%	223	79%	276	98%	152	77%	85	18%	36%	0%	0%		



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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Sawai Madhopur	13	2339	175	33%	318	7	17%	95	84	565	169	60	45	25	39	25
Rajasthan	Sikar	27	3530	132	2%	440	8	-5%	66	55	682	102	35	25	10	31	20
Rajasthan	Sirohi	10	1632	157	-10%	263	6	-9%	101	98	377	145	69	24	12	41	32
Rajasthan	Tonk	14	2570	181	17%	417	6	4%	117	119	818	230	87	67	28	48	36
Rajasthan	Udaipur	33	7174	220	7%	1947	4	-6%	239	121	1692	208	85	50	27	46	37
Sikkim	East Sikkim	3	796	283	-12%	99	8	-12%	141	115	182	259	91	43	63	63	41
Sikkim	North Sikkim *	0.4	73	168	-2%	4	18	85%	37	46	23	212	9	37	83	83	37
Sikkim	South Sikkim **	1.5	337	230	23%	35	10	37%	95	106	94	256	85	82	44	46	27
Sikkim	West Sikkim **	1.4	197	145	-18%	24	8	-19%	70	85	67	197	65	35	65	32	32
Tamil Nadu	Chennai	47	16200	346	-5%	1293	13	0%	110	64	1523	130	46	28	32	25	20
Tamil Nadu	Coimbatore	35	5512	159	-7%	499	11	-1%	57	45	655	75	33	10	16	16	13
Tamil Nadu	Cuddalore	26	7341	282	-14%	242	30	-4%	37	46	796	122	32	41	27	23	15
Tamil Nadu	Dharmapuri	15	2731	182	-13%	192	14	-38%	51	48	318	85	33	17	14	21	15
Tamil Nadu	Dindigul	22	6044	280	1%	619	10	-1%	115	71	786	145	58	37	29	21	14
Tamil Nadu	Erode	23	6481	287	-2%	670	10	-8%	119	66	576	102	50	18	13	22	18
Tamil Nadu	Kanchipuram	40	3376	85	-23%	269	13	1%	27	54	1075	108	39	22	27	20	17
Tamil Nadu	Kanyakumari	19	5389	289	-9%	277	19	1%	59	44	298	64	40	7	11	6	6
Tamil Nadu	Karur	11	1458	135	0%	112	13	17%	42	48	289	107	38	38	14	17	12
Tamil Nadu	Krishnagiri	19	2860	152	-14%	152	19	-4%	32	42	389	83	30	23	15	15	12
Tamil Nadu	Madurai	30	6385	210	-12%	723	9	-7%	95	62	811	107	45	24	15	22	19
Tamil Nadu	Nagapattinam	16	2897	179	20%	188	15	10%	47	55	376	93	46	24	12	12	11
Tamil Nadu	Namakkal	17	2409	140	-2%	144	17	19%	33	42	321	75	35	17	13	10	8
Tamil Nadu	Perambalur	13	1961	149	15%	170	12	-3%	52	53	318	97	43	25	16	12	10
Tamil Nadu	Pudukottai	16	2995	185	6%	192	16	10%	47	44	322	80	35	21	10	13	9
Tamil Nadu	Ramanathapuram	13	2872	215	-7%	153	19	-9%	46	57	267	80	48	12	7	13	11
Tamil Nadu	Salem	35	4797	138	-8%	464	10	2%	53	50	751	86	38	16	16	16	13
Tamil Nadu	Sivaganga	13	2548	190	-29%	184	14	-6%	55	49	301	90	40	27	10	13	9
Tamil Nadu	Thanjavur	24	6916	288	-1%	383	18	1%	64	54	587	98	42	20	16	19	14
Tamil Nadu	The Nilgiris	7	2211	301	108%	51	43	64%	28	27	99	54	22	13	11	7	5
Tamil Nadu	Theni	12	2879	231	-23%	232	12	-16%	75	55	356	114	45	32	18	19	12
Tamil Nadu	Thiruvallur	37	7166	192	-32%	415	17	-25%	45	57	995	107	44	24	21	18	15
Tamil Nadu	Thiruvaur	13	1737	137	5%	168	10	-8%	53	48	327	103	39	33	15	15	10
Tamil Nadu	Tiruchirappalli	27	7549	278	-29%	456	17	-20%	67	56	856	126	50	34	32	11	7
Tamil Nadu	Tirunelveli	31	5657	184	-1%	436	13	-11%	57	56	820	107	46	27	17	17	13
Tamil Nadu	Tiruppur	25	2165	88	-20%	130	17	3%	21	45	475	77	32	18	10	17	13
Tamil Nadu	Tiruvanamalai	25	5424	220	-10%	329	16	6%	53	59	700	113	45	30	18	20	16
Tamil Nadu	Toothukudi	17	3170	182	3%	282	11	7%	65	59	416	96	47	21	13	15	13
Tamil Nadu	Vellore	39	16929	431	-16%	583	29	-3%	59	60	1301	132	50	31	37	14	10
Tamil Nadu	Villupuram	35	3525	102	-26%	358	10	-9%	41	64	1100	127	49	33	22	23	16
Tamil Nadu	Virudhunagar	19	4166	214	3%	350	12	-5%	72	58	584	120	45	41	13	22	16
Tripura	Dhalai *	4	530	140	20%	37	14	64%	39	39	51	54	37	12	1	4	4
Tripura	North Tripura	7	824	119	35%	48	17	112%	28	32	95	55	29	13	7	6	5
Tripura	South Tripura	9	1021	117	3%	74	14	17%	34	37	117	53	30	6	9	9	8
Tripura	West Tripura	17	2652	154	-4%	250	11	3%	58	48	341	79	43	9	18	9	6
Uttar Pradesh	Agra	44	10166	232	19%	1573	6	9%	144	116	2067	189	74	23	25	65	44
Uttar Pradesh	Aligarh	37	7887	215	17%	1013	8	3%	110	99	1750	191	83	59	23	26	18
Uttar Pradesh	Allahabad	60	12347	207	22%	1568	8	-3%	105	91	1997	134	62	26	11	35	30
Uttar Pradesh	Ambedkar Nagar	24	2128	89	9%	381	6	17%	64	61	477	80	57	9	7	7	5
Uttar Pradesh	Auraiya	14	2196	160	19%	390	6	0%	114	104	481	140	78	15	9	38	31
Uttar Pradesh	Azamgarh	46	4793	104	11%	664	7	6%	58	55	1113	96	46	23	8	20	10
Uttar Pradesh	Baghpat	13	1742	134	32%	299	6	0%	92	97	453	139	64	22	15	38	34
Uttar Pradesh	Bahraich **	35	4131	119	3%	732	6	-20%	84	80	1201	138	63	44	13	18	18

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate on rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
Rajasthan	Sawai Madhopur	18	4%	91%	77%	89%	82%	235	82%	283	99%	179	83%	86	15%	13%	5%	1%		
Rajasthan	Sikar	22	5%	89%	86%	87%	66%	308	84%	346	94%	237	86%	36	5%	0%		0%		
Rajasthan	Sirohi	12	4%	93%	82%	91%	73%	245	94%	258	99%	206	94%	70	19%	23%	2%	1%	100%	0%
Rajasthan	Tonk	34	5%	91%	74%	89%	67%	420	96%	437	100%	313	96%	192	23%	87%	0%	0%	100%	0%
Rajasthan	Udaipur	67	5%	92%	83%	93%	88%	678	68%	976	98%	536	66%	561	33%	39%	1%	1%		
Sikkim	East Sikkim	13	9%	83%	59%	74%	43%	91	98%	93	100%	50	91%	40	22%	0%		0%		
Sikkim	North Sikkim *	0	0%	80%	100%	86%	60%	5	100%	5	100%	9	100%	8	35%	4%	0%	0%		
Sikkim	South Sikkim **	2	3%	96%	62%	83%	67%	39	95%	41	100%	30	100%	47	50%	0%		0%		
Sikkim	West Sikkim **	4	7%	93%	64%	95%	89%	33	100%	33	100%	26	93%	31	46%	0%		0%		
Tamil Nadu	Chennai	118	10%	91%	74%	88%	58%	625	81%	770	100%	546	83%	133	9%	92%	2%	2%	96%	89%
Tamil Nadu	Coimbatore	29	6%	88%	67%	87%	53%	353	88%	400	100%	297	89%	201	31%	94%	7%	6%	90%	59%
Tamil Nadu	Cuddalore	88	14%	93%	88%	92%	80%	243	80%	292	96%	209	84%	26	3%	68%	4%	3%	100%	89%
Tamil Nadu	Dharmapuri	6	3%	88%	58%	85%	49%	130	71%	171	94%	85	77%	10	3%	97%	15%	14%	100%	44%
Tamil Nadu	Dindigul	82	12%	89%	59%	86%	63%	350	90%	388	99%	222	85%	350	45%	91%	11%	10%	58%	49%
Tamil Nadu	Erode	11	2%	89%	62%	87%	47%	329	86%	376	98%	213	86%	198	34%	97%	9%	9%	97%	84%
Tamil Nadu	Kanchipuram	74	8%	87%	68%	83%	69%	415	75%	489	89%	336	89%	266	25%	83%	3%	2%	83%	92%
Tamil Nadu	Kanyakumari	22	8%	91%	77%	84%	70%	181	86%	209	100%	135	72%	212	71%	82%	2%	2%	50%	50%
Tamil Nadu	Karur	15	6%	96%	81%	90%	72%	106	79%	132	99%	79	60%	20	7%	100%	18%	18%	53%	47%
Tamil Nadu	Krishnagiri	14	4%	87%	76%	88%	65%	166	84%	193	98%	118	90%	41	11%	79%	13%	10%	94%	43%
Tamil Nadu	Madurai	55	9%	89%	59%	83%	56%	455	93%	404	83%	340	99%	72	9%	75%	10%	8%	74%	30%
Tamil Nadu	Nagapattinam	14	4%	90%	52%	92%	49%	158	70%	214	94%	77	57%	3	1%	73%	7%	5%	100%	44%
Tamil Nadu	Namakkal	13	5%	86%	68%	86%	60%	142	76%	187	100%	175	94%	58	18%	100%	16%	16%	100%	48%
Tamil Nadu	Perambalur	30	11%	93%	80%	82%	70%	136	78%	148	85%	89	77%	53	17%	95%	7%	7%	97%	58%
Tamil Nadu	Pudukottai	7	3%	92%	73%	92%	63%	122	68%	145	81%	119	80%	157	49%	84%	9%	8%	6%	88%
Tamil Nadu	Ramanathapuram	18	8%	91%	52%	88%	54%	170	86%	197	100%	136	91%	82	31%	95%	7%	6%	38%	63%
Tamil Nadu	Salem	44	7%	90%	57%	82%	50%	372	83%	446	100%	176	58%	240	32%	96%	15%	15%	99%	66%
Tamil Nadu	Sivaganga	17	7%	91%	87%	88%	67%	123	75%	132	80%	108	74%	105	35%	96%	9%	9%	100%	65%
Tamil Nadu	Thanjavur	37	8%	90%	62%	76%	55%	334	99%	337	100%	199	82%	152	26%	97%	4%	4%	100%	72%
Tamil Nadu	The Nilgiris	16	19%	79%	70%	92%	75%	49	98%	50	100%	39	100%	62	63%	99%	5%	5%	100%	100%
Tamil Nadu	Theni	17	6%	87%	68%	84%	59%	133	74%	175	98%	99	76%	44	12%	89%	12%	11%	100%	33%
Tamil Nadu	Thiruvallur	51	6%	89%	82%	85%	68%	390	72%	545	100%	303	80%	305	31%	100%	4%	4%	100%	98%
Tamil Nadu	Thiruvaur	39	14%	88%	58%	85%	52%	131	85%	154	100%	93	82%	34	10%	72%	4%	3%	86%	57%
Tamil Nadu	Tiruchirappalli	56	7%	91%	60%	85%	61%	349	91%	377	98%	266	83%	118	14%	76%	15%	11%	98%	56%
Tamil Nadu	Tirunelveli	36	5%	91%	70%	81%	65%	374	83%	441	98%	172	61%	375	46%	88%	6%	5%	100%	100%
Tamil Nadu	Tiruppur	5	1%	88%	69%	86%	39%	233	84%	277	99%	0	0%	43	9%	100%	8%	8%	100%	61%
Tamil Nadu	Tiruvanamalai	32	6%	94%	85%	87%	76%	280	75%	369	98%	257	87%	249	36%	91%	6%	6%	100%	84%
Tamil Nadu	Toothukudi	26	7%	85%	68%	82%	62%	235	90%	257	99%	143	72%	75	18%	100%	5%	5%	100%	50%
Tamil Nadu	Vellore	38	3%	90%	73%	91%	71%	560	94%	594	100%	495	96%	887	68%	97%	3%	3%	59%	41%
Tamil Nadu	Villupuram	59	7%	90%	77%	89%	76%	427	77%	517	93%	386	81%	442	40%	81%	7%	5%	85%	74%
Tamil Nadu	Virudhunagar	68	14%	88%	70%	83%	54%	189	64%	297	100%	65	32%	202	35%	93%	4%	4%	63%	63%
Tripura	Dhalai *	0	0%	94%	100%	92%	83%	31	79%	30	77%	32	82%	27	53%	67%	0%	0%		
Tripura	North Tripura	3	4%	90%	67%	79%	45%	50	85%	55	93%	42	82%	59	62%	49%	13%	6%		
Tripura	South Tripura	1	1%	89%	88%	86%	75%	60	71%	83	99%	51	74%	46	39%	15%	0%	0%		
Tripura	West Tripura	7	2%	87%	77%	86%	71%	176	83%	212	100%	146	75%	138	40%	41%	1%	0%		
Uttar Pradesh	Agra	195	14%	91%	62%	89%	63%	1108	86%	1284	100%	565	72%	1704	82%	36%	1%	0%		
Uttar Pradesh	Aligarh	94	6%	94%	84%	91%	79%	796	86%	923	100%	529	86%	664	38%	22%	1%	0%		
Uttar Pradesh	Allahabad	89	6%	92%	76%	85%	73%	1296	94%	1373	100%	604	81%	1656	83%	66%	1%	1%	50%	25%
Uttar Pradesh	Ambedkar Nagar	12	3%	93%	91%	92%	88%	325	88%	362	98%	280	81%	363	76%	43%	0%	0%		
Uttar Pradesh	Auraiya	8	2%	92%	84%	89%	83%	315	84%	375	100%	240	88%	423	88%	36%	1%	0%		
Uttar Pradesh	Azamgarh	50	6%	91%	77%	86%	78%	584	91%	622	97%	364	73%	708	64%	0%	100%	0%		
Uttar Pradesh	Baghpat	7	2%	93%	86%	89%	88%	257	81%	319	100%	113	53%	321	71%	53%	2%	1%	100%	0%
Uttar Pradesh	Bahraich **	38	4%	89%	74%	88%	79%	680	97%	703	100%	407	94%	901	75%	0%		0%		

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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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 newly treated smear positive case notification rate
Uttar Pradesh	Ballia	32	3525	109	29%	544	6	18%	68	69	857	106	66	28	6	6	4
Uttar Pradesh	Balrampur	21	2281	106	-2%	311	7	6%	58	56	493	92	52	27	7	6	4
Uttar Pradesh	Banda **	18	2987	166	26%	359	8	20%	80	69	556	124	44	22	22	35	28
Uttar Pradesh	Barabanki **	33	5381	165	28%	798	7	10%	98	96	1346	165	73	42	20	30	22
Uttar Pradesh	Bareilly	45	8253	185	-10%	1032	8	4%	92	70	1424	128	50	31	13	34	21
Uttar Pradesh	Basti **	25	3087	125	21%	461	7	19%	75	72	829	135	62	44	15	13	10
Uttar Pradesh	Bijnor **	37	6045	164	4%	819	7	-6%	89	88	1010	110	74	7	11	18	14
Uttar Pradesh	Budaun **	37	7645	206	2%	932	8	9%	100	99	1341	144	73	33	5	34	27
Uttar Pradesh	Bulandshahar	35	5587	160	1%	828	7	-3%	95	94	1741	199	75	69	25	29	20
Uttar Pradesh	Chandauli	20	1991	102	5%	292	7	11%	60	59	486	100	48	19	11	18	11
Uttar Pradesh	Chitrakoot	10	1394	141	42%	141	10	14%	57	59	365	147	44	45	28	30	17
Uttar Pradesh	Deoria	31	2660	86	34%	443	6	4%	57	58	573	74	52	5	9	8	7
Uttar Pradesh	Etah	18	4155	236	24%	630	7	-6%	143	128	802	182	102	26	18	34	28
Uttar Pradesh	Etawah	16	2829	179	-6%	424	7	-2%	107	92	605	153	65	28	29	31	29
Uttar Pradesh	Faizabad	25	3052	124	-11%	453	7	9%	73	69	748	121	60	35	10	16	10
Uttar Pradesh	Farrukhabad	19	2544	135	3%	345	7	11%	73	66	558	118	51	29	20	18	15
Uttar Pradesh	Fatehpur **	26	4988	189	33%	582	9	12%	88	82	768	117	65	21	8	23	19
Uttar Pradesh	Firozabad	25	3380	135	6%	509	7	16%	82	76	885	142	46	30	15	50	31
Uttar Pradesh	Gautam Budh Nagar	17	3452	206	12%	514	7	-8%	123	110	880	210	82	33	47	48	30
Uttar Pradesh	Ghaziabad	47	8324	179	-3%	1261	7	7%	108	116	2530	217	88	45	37	48	29
Uttar Pradesh	Ghazipur	36	2635	73	1%	508	5	-1%	56	55	664	73	48	9	6	10	7
Uttar Pradesh	Gonda	34	3380	99	18%	549	6	2%	64	61	1173	137	55	60	10	12	8
Uttar Pradesh	Gorakhpur	44	6463	146	35%	943	7	4%	85	77	985	89	71	4	6	8	6
Uttar Pradesh	Hamirpur-UP **	11	1771	160	28%	244	7	2%	88	85	342	124	68	25	10	21	17
Uttar Pradesh	Hardoi **	41	6557	160	13%	926	7	9%	91	87	1830	179	72	74	8	25	16
Uttar Pradesh	Hathras	16	2218	142	24%	343	6	-1%	88	88	412	105	72	3	8	21	16
Uttar Pradesh	Jalaun **	17	2239	134	16%	306	7	12%	73	76	600	144	61	39	14	31	19
Uttar Pradesh	Jaunpur	45	5249	117	14%	771	7	6%	69	66	1453	130	60	40	18	13	7
Uttar Pradesh	Jhansi **	20	2980	149	31%	496	6	-3%	99	81	601	120	65	17	8	30	18
Uttar Pradesh	Jyotiba Phule Nagar **	18	4216	229	19%	464	9	6%	101	102	593	129	77	19	6	26	25
Uttar Pradesh	Kannauj	17	2271	137	-5%	273	8	2%	66	65	399	96	54	17	11	15	12
Uttar Pradesh	Kanpur Dehat **	18	2671	149	13%	415	6	-15%	92	90	523	117	71	8	13	25	20
Uttar Pradesh	Kanpur Nagar	46	7483	164	15%	1131	7	22%	99	72	1456	127	50	21	20	37	24
Uttar Pradesh	Kanshiram Nagar	14	1954	136	-1%	315	6	-19%	88	83	400	111	71	18	7	15	13
Uttar Pradesh	Kaushambi	16	3454	216	17%	379	9	29%	95	94	710	178	74	45	16	43	21
Uttar Pradesh	Kheri	40	6137	153	43%	927	7	-5%	92	89	1394	139	72	32	8	27	19
Uttar Pradesh	Kushinagar	36	3623	102	28%	516	7	22%	58	56	793	89	51	21	9	8	6
Uttar Pradesh	Lalitpur **	12	2019	166	18%	242	8	32%	79	83	370	122	72	18	14	17	11
Uttar Pradesh	Lucknow	46	7808	170	-18%	1134	7	8%	99	65	1310	114	46	23	18	28	21
Uttar Pradesh	Maharajanj **	27	2461	92	-2%	443	6	-21%	66	64	502	75	58	6	3	8	6
Uttar Pradesh	Mahoba **	9	1222	139	10%	161	8	29%	74	67	192	88	46	11	3	27	23
Uttar Pradesh	Mainpuri	18	2022	109	16%	242	8	12%	52	52	402	87	41	19	12	15	12
Uttar Pradesh	Mathura	25	3390	133	-2%	487	7	8%	77	66	695	109	50	27	12	20	17
Uttar Pradesh	Mau **	22	3004	136	32%	353	9	0%	64	59	478	87	54	17	7	9	6
Uttar Pradesh	Meerut	34	7643	222	13%	980	8	4%	114	106	1572	182	81	42	24	36	25
Uttar Pradesh	Mirzapur	25	4444	178	10%	549	8	5%	88	84	926	148	63	41	10	34	21
Uttar Pradesh	Moradabad **	48	7081	148	12%	1105	6	0%	93	89	1256	105	72	5	8	19	17
Uttar Pradesh	Muzaffarnagar	41	7655	185	8%	948	8	-1%	92	91	1533	148	67	28	22	32	26
Uttar Pradesh	Pilibhit **	20	3917	192	4%	491	8	-3%	96	82	670	132	61	26	6	38	22
Uttar Pradesh	Pratapgarh **	32	4671	147	4%	615	8	-16%	78	74	968	122	63	24	12	21	14
Uttar Pradesh	Rae Bareilly **	34	3498	103	10%	547	6	6%	64	61	959	113	50	37	10	15	12

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
		No.	%					No.	%	No.	%	No.	%	No.	%					
Uttar Pradesh	Ballia	31	4%	92%	92%	91%	88%	519	92%	541	96%	395	88%	469	55%	2%	38%	1%		
Uttar Pradesh	Balrampur	29	6%	90%	72%	84%	67%	303	100%	303	100%	223	90%	296	60%	0%	100%	0%		
Uttar Pradesh	Banda **	24	6%	95%	84%	92%	86%	301	93%	324	100%	252	85%	465	84%	67%	1%	1%	0%	50%
Uttar Pradesh	Barabanki **	95	9%	93%	88%	93%	87%	599	77%	779	100%	516	78%	901	67%	17%	0%	0%		
Uttar Pradesh	Bareilly	52	5%	89%	66%	86%	65%	673	85%	793	100%	676	100%	1209	85%	0%		0%		
Uttar Pradesh	Basti **	34	5%	89%	74%	89%	74%	397	89%	448	100%	292	78%	687	83%	3%	0%	0%		
Uttar Pradesh	Bijnor **	51	6%	92%	81%	87%	73%	744	92%	811	100%	597	96%	810	80%	46%	1%	0%		
Uttar Pradesh	Budaun **	52	5%	95%	88%	91%	90%	884	95%	926	100%	796	93%	969	72%	28%	0%	0%		
Uttar Pradesh	Bulandshahar	74	5%	94%	82%	94%	83%	767	93%	827	100%	623	89%	1009	58%	0%		0%		
Uttar Pradesh	Chandauli	30	8%	91%	68%	84%	70%	272	94%	290	100%	209	91%	416	86%	51%	0%	0%		
Uttar Pradesh	Chitrakoot	15	5%	92%	78%	88%	82%	141	93%	151	100%	72	86%	363	99%	19%	0%	0%		
Uttar Pradesh	Deoria	67	13%	93%	81%	93%	78%	401	89%	452	100%	219	74%	570	99%	37%	2%	1%	0%	0%
Uttar Pradesh	Etah	70	11%	93%	85%	94%	97%	488	85%	562	98%	250	65%	690	86%	7%	0%	0%		
Uttar Pradesh	Etawah	23	5%	91%	68%	85%	57%	316	85%	359	97%	233	84%	473	78%	59%	1%	0%	0%	0%
Uttar Pradesh	Faizabad	36	6%	91%	81%	89%	84%	383	89%	430	100%	312	88%	547	73%	34%	1%	0%		
Uttar Pradesh	Farrukhabad	34	7%	93%	87%	87%	83%	259	82%	314	100%	212	78%	254	46%	13%	0%	0%		
Uttar Pradesh	Fatehpur **	24	4%	91%	86%	93%	87%	522	94%	555	100%	340	85%	627	82%	15%	2%	0%		
Uttar Pradesh	Firozabad	122	21%	89%	69%	90%	68%	404	83%	462	95%	295	77%	766	87%	22%	1%	0%		
Uttar Pradesh	Gautam Budh Nagar	48	7%	94%	68%	91%	84%	427	91%	468	100%	207	72%	605	69%	85%	0%	0%		
Uttar Pradesh	Ghaziabad	129	7%	94%	89%	92%	90%	1330	98%	1346	99%	982	88%	1945	77%	5%	0%	0%	0%	100%
Uttar Pradesh	Ghaziपुर	36	6%	89%	76%	85%	81%	457	92%	497	100%	256	72%	643	97%	2%	55%	1%		
Uttar Pradesh	Gonda	102	10%	91%	86%	94%	93%	479	89%	537	100%	286	77%	832	71%	14%	1%	0%		
Uttar Pradesh	Gorakhpur	25	3%	92%	64%	89%	76%	710	83%	846	99%	377	72%	731	74%	7%	4%	0%	0%	0%
Uttar Pradesh	Hamirpur-UP **	13	5%	91%	89%	88%	80%	214	91%	233	100%	113	74%	160	47%	8%	0%	0%		
Uttar Pradesh	Hardoi **	46	3%	92%	76%	88%	74%	810	90%	898	100%	557	81%	1325	72%	35%	0%	0%		
Uttar Pradesh	Hathras	25	8%	94%	90%	93%	89%	307	89%	342	99%	203	91%	359	87%	88%	0%	0%		
Uttar Pradesh	Jalaun **	25	5%	91%	75%	88%	70%	289	87%	331	99%	206	88%	467	78%	47%	1%	0%		
Uttar Pradesh	Jaunpur	44	3%	92%	76%	89%	75%	684	92%	733	98%	532	88%	1076	74%	24%	3%	1%	0%	0%
Uttar Pradesh	Jhansi **	13	3%	91%	64%	89%	75%	371	89%	412	99%	187	82%	346	58%	26%	1%	0%		
Uttar Pradesh	Jyotiba Phule Nagar **	5	1%	92%	94%	90%	79%	435	93%	470	100%	310	91%	327	55%	40%	1%	0%		
Uttar Pradesh	Kannauj	12	4%	95%	84%	92%	89%	257	94%	273	100%	227	88%	356	89%	0%		0%		
Uttar Pradesh	Kanpur Dehat **	24	6%	95%	88%	91%	80%	381	94%	403	99%	287	96%	407	78%	40%	0%	0%		
Uttar Pradesh	Kanpur Nagar	94	9%	86%	68%	84%	63%	760	90%	841	100%	572	84%	961	66%	24%	0%	0%	100%	100%
Uttar Pradesh	Kanshiram Nagar	6	2%	92%	82%	94%	100%	185	61%	302	100%	158	73%	282	71%	100%	1%	1%		
Uttar Pradesh	Kaushambi	30	6%	95%	93%	98%	100%	364	96%	379	100%	341	94%	710	100%	37%	0%	0%		
Uttar Pradesh	Kheri	55	5%	92%	83%	91%	83%	791	87%	908	100%	368	81%	1221	88%	20%	0%	0%		
Uttar Pradesh	Kushinagar	31	4%	95%	83%	95%	84%	440	87%	506	100%	341	81%	719	91%	1%	13%	0%	0%	100%
Uttar Pradesh	Lalitpur **	22	7%	91%	82%	93%	86%	234	93%	238	94%	190	88%	337	91%	56%	0%	0%		
Uttar Pradesh	Lucknow	68	7%	87%	64%	83%	60%	683	90%	761	100%	606	93%	411	31%	27%	0%	0%	0%	100%
Uttar Pradesh	Maharajganj **	27	6%	94%	79%	96%	87%	355	83%	402	94%	290	83%	369	74%	0%		0%	0%	0%
Uttar Pradesh	Mahoba **	2	2%	90%	78%	93%	85%	135	89%	146	97%	120	88%	163	85%	4%	0%	0%		
Uttar Pradesh	Mainpuri	14	4%	91%	86%	92%	77%	246	100%	246	100%	73	51%	429	107%	0%		0%		
Uttar Pradesh	Mathura	22	4%	86%	74%	87%	69%	380	90%	424	100%	350	94%	470	68%	12%	6%	1%		
Uttar Pradesh	Mau **	13	3%	94%	82%	96%	77%	294	89%	329	100%	171	87%	333	70%	40%	4%	1%		
Uttar Pradesh	Meerut	56	4%	94%	88%	92%	84%	832	91%	910	99%	689	90%	1330	85%	31%	1%	0%	0%	100%
Uttar Pradesh	Mirzapur	32	4%	96%	88%	94%	91%	495	94%	521	98%	416	91%	632	68%	7%	0%	0%		
Uttar Pradesh	Moradabad **	42	4%	92%	80%	89%	76%	984	93%	1056	100%	585	83%	879	70%	0%		0%		
Uttar Pradesh	Muzaffarnagar	72	6%	92%	76%	89%	77%	856	89%	957	100%	660	90%	1138	74%	23%	1%	0%	0%	0%
Uttar Pradesh	Pilibhit **	19	4%	91%	75%	89%	81%	401	95%	422	100%	264	91%	457	68%	17%	0%	0%		
Uttar Pradesh	Pratapgarh **	39	5%	93%	83%	93%	89%	577	95%	610	100%	316	73%	856	88%	40%	1%	0%	0%	100%
Uttar Pradesh	Rae Bareilly **	30	4%	86%	84%	85%	78%	451	86%	525	100%	334	87%	790	82%	32%	0%	0%		

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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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	Rampur	23	4088	175	0%	477	9	14%	82	78	814	139	57	39	14	30	22
Uttar Pradesh	Saharanpur	35	5251	152	-15%	801	7	-15%	92	89	1138	131	59	18	19	35	31
Uttar Pradesh	Sant Kabir Nagar **	17	2146	125	32%	282	8	3%	66	66	498	116	58	29	13	16	11
Uttar Pradesh	Sant Ravidas Nagar	16	3625	233	34%	418	9	12%	108	108	689	177	82	44	12	39	25
Uttar Pradesh	Shahjahanpur	30	5024	167	26%	643	8	21%	86	78	891	119	65	28	8	18	13
Uttar Pradesh	Shravasti **	11	1183	106	6%	197	6	-5%	71	65	237	85	57	11	8	9	9
Uttar Pradesh	Siddharthnagar **	26	2657	104	-10%	380	7	-13%	60	60	578	91	54	20	8	9	5
Uttar Pradesh	Sitapur **	45	7506	168	13%	879	9	0%	79	77	1623	145	61	47	8	29	16
Uttar Pradesh	Sonbhadra	19	2112	113	6%	356	6	14%	76	73	466	100	63	14	6	17	11
Uttar Pradesh	Sultanpur	38	4228	112	12%	603	7	12%	64	59	837	88	50	17	7	14	10
Uttar Pradesh	Unnao **	31	4594	148	43%	671	7	4%	86	83	1062	137	60	29	16	31	23
Uttar Pradesh	Varanasi	37	6103	166	8%	785	8	2%	85	68	1126	122	58	26	22	17	11
Uttarakhand	Almora	6	1179	190	23%	139	8	-27%	89	89	185	119	69	5	15	30	20
Uttarakhand	Bageshwar	3	342	132	-25%	36	10	7%	55	62	64	99	35	12	25	26	26
Uttarakhand	Chamoli	4	498	127	10%	56	9	21%	57	62	125	128	39	25	24	41	26
Uttarakhand	Champawat	3	426	164	1%	34	13	-5%	52	40	50	77	29	19	12	17	11
Uttarakhand	Dehradun	17	3557	209	-15%	510	7	-3%	120	57	580	137	39	33	32	32	19
Uttarakhand	Garhwal	7	1364	199	11%	163	8	22%	95	57	182	106	38	20	14	31	20
Uttarakhand	Hardwar	19	1982	103	-19%	303	7	1%	63	61	486	101	42	17	12	30	21
Uttarakhand	Nainital	10	1566	164	-17%	297	5	2%	124	93	430	180	50	32	24	73	44
Uttarakhand	Pithoragarh	5	686	141	-1%	80	9	-3%	66	58	106	87	46	12	12	17	15
Uttarakhand	Rudrapur	2	256	108	-16%	28	9	11%	47	64	56	95	46	15	12	22	19
Uttarakhand	Tehri Garhwal	6	1044	169	33%	84	12	25%	55	75	214	139	51	25	27	36	24
Uttarakhand	Udhamsingh Nagar	16	2191	133	-22%	251	9	21%	61	49	459	111	34	37	12	28	16
Uttarakhand	Uttarkashi	3	543	165	15%	50	11	-2%	61	63	141	171	44	45	40	42	22
West Bengal	Bankura	36	6665	185	8%	532	13	19%	59	60	928	103	52	20	18	13	9
West Bengal	Bardhaman	77	13578	176	13%	1213	11	12%	63	58	2018	105	46	23	15	21	14
West Bengal	Birbhum	35	5285	151	-16%	682	8	-18%	78	78	1025	117	65	23	8	21	15
West Bengal	Dakshin Dinajpur	17	2800	168	4%	310	9	23%	74	77	503	120	68	21	16	17	12
West Bengal	Darjiling **	18	3799	206	4%	501	8	-3%	109	83	760	165	59	24	41	41	30
West Bengal	Haora	48	7448	154	11%	695	11	10%	57	50	1121	93	38	15	15	25	16
West Bengal	Hugli	55	6886	125	3%	789	9	-7%	57	52	1292	94	44	16	16	17	10
West Bengal	Jalpaiguri **	39	8413	217	-13%	879	10	-7%	91	89	1536	159	74	26	27	32	22
West Bengal	Koch Bihar **	28	4594	163	-4%	379	12	6%	54	52	702	99	46	15	26	12	8
West Bengal	Kolkata	45	9776	218	16%	1117	9	13%	100	62	1306	116	41	13	27	35	26
West Bengal	Maldah **	40	6539	164	-5%	723	9	-2%	72	67	1043	104	57	18	13	17	12
West Bengal	Medinipur East	51	6423	126	12%	377	17	10%	30	27	578	45	23	6	7	8	6
West Bengal	Medinipur West	59	7674	129	9%	864	9	11%	58	56	1528	103	47	22	17	17	10
West Bengal	Murshidabad	71	10933	154	-4%	1048	10	11%	59	61	1780	100	50	17	16	18	14
West Bengal	Nadia	52	9903	192	22%	685	14	24%	53	48	1092	85	38	15	14	18	11
West Bengal	North 24 Parganas	101	12513	124	4%	1242	10	9%	49	50	2146	85	39	10	17	19	13
West Bengal	Puruliya	29	4712	161	13%	410	11	10%	56	55	864	118	46	39	12	22	10
West Bengal	South 24 Parganas	82	10778	132	-8%	918	12	-3%	45	45	1583	78	37	13	14	13	10
West Bengal	Uttar Dinajpur	30	3592	120	-14%	388	9	-7%	52	48	564	75	41	13	9	11	8
<b>Grand Total</b>		<b>12102</b>	<b>1912034</b>	<b>158</b>	<b>0%</b>	<b>215171</b>	<b>9</b>	<b>0.8%</b>	<b>71</b>	<b>63</b>	<b>349454</b>	<b>116</b>	<b>49</b>	<b>26</b>	<b>17</b>	<b>24</b>	<b>16</b>

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
Uttar Pradesh	Rampur	31	5%	91%	79%	89%	69%	416	91%	459	100%	385	90%	169	21%	25%	1%	0%		
Uttar Pradesh	Saharanpur	44	5%	92%	78%	89%	81%	721	92%	784	100%	560	90%	940	83%	5%	0%	0%		
Uttar Pradesh	Sant Kabir Nagar **	21	5%	86%	73%	94%	77%	199	67%	296	100%	143	75%	400	80%	19%	3%	1%	0%	100%
Uttar Pradesh	Sant Ravidas Nagar	28	5%	97%	92%	95%	91%	389	93%	418	100%	329	100%	542	79%	12%	8%	1%		
Uttar Pradesh	Shahjahanpur	27	4%	92%	85%	88%	87%	507	86%	553	94%	394	83%	697	78%	0%		0%		
Uttar Pradesh	Shravasti **	5	2%	91%	78%	89%	81%	164	90%	183	100%	111	80%	184	78%	14%	15%	2%		
Uttar Pradesh	Siddharthnagar **	40	8%	96%	95%	90%	86%	350	92%	381	100%	242	90%	466	81%	8%	13%	1%	50%	50%
Uttar Pradesh	Sitapur **	70	5%	92%	84%	94%	94%	757	88%	859	100%	512	88%	1185	73%	27%	0%	0%		
Uttar Pradesh	Sonbhadra	23	6%	94%	84%	92%	88%	318	93%	333	97%	214	76%	455	98%	23%	2%	0%	0%	100%
Uttar Pradesh	Sultanpur	47	7%	91%	79%	93%	79%	513	90%	562	99%	424	88%	0	0%	29%	1%	0%		
Uttar Pradesh	Unnao **	55	7%	91%	84%	92%	83%	590	91%	647	100%	417	93%	814	77%	5%	0%	0%		
Uttar Pradesh	Varanasi	73	8%	91%	68%	88%	68%	571	91%	621	99%	427	84%	780	69%	22%	3%	1%		
Uttarakhand	Almora	6	4%	98%	94%	94%	92%	130	94%	136	99%	73	128%	89	48%	29%	2%	1%		
Uttarakhand	Bageshwar	3	6%	95%	75%	85%	83%	39	98%	40	100%	33	66%	32	50%	16%	0%	0%		
Uttarakhand	Chamoli	2	2%	94%	79%	81%	89%	54	86%	63	100%	42	81%	27	22%	43%	2%	1%		
Uttarakhand	Champawat	2	5%	95%	90%	84%	86%	22	85%	26	100%	19	70%	38	76%	76%	0%	0%		
Uttarakhand	Dehradun	38	9%	86%	70%	85%	74%	225	91%	238	96%	174	89%	432	74%	47%	2%	1%		
Uttarakhand	Garhwal	10	8%	87%	71%	83%	73%	81	81%	95	95%	58	63%	108	59%	29%	4%	1%		
Uttarakhand	Hardwar	26	8%	89%	75%	87%	68%	258	85%	295	98%	196	82%	410	84%	66%	1%	0%	100%	100%
Uttarakhand	Nainital	13	5%	83%	66%	76%	58%	216	96%	222	98%	112	85%	183	43%	37%	1%	0%	0%	0%
Uttarakhand	Pithoragarh	14	16%	91%	71%	85%	89%	72	97%	74	100%	52	88%	59	56%	10%	0%	0%	100%	0%
Uttarakhand	Rudrapur	2	5%	88%	100%	90%	83%	25	66%	38	100%	37	86%	43	77%	70%	0%	0%		
Uttarakhand	Tehri Garhwal	5	3%	89%	83%	97%	97%	95	82%	116	100%	69	78%	202	94%	44%	0%	0%		
Uttarakhand	Udhamsingh Nagar	18	5%	89%	69%	86%	60%	190	92%	201	97%	182	82%	142	31%	36%	1%	0%		
Uttarakhand	Uttarkashi	4	4%	97%	72%	94%	60%	48	89%	54	100%	25	76%	105	74%	48%	0%	0%		
West Bengal	Bankura	25	3%	93%	81%	91%	84%	438	80%	529	96%	441	86%	238	26%	57%	0%	0%		
West Bengal	Bardhaman	57	4%	89%	73%	85%	64%	890	78%	1126	98%	578	65%	677	34%	35%	1%	0%	40%	60%
West Bengal	Birbhum	23	3%	89%	68%	84%	60%	541	77%	632	90%	345	75%	148	14%	44%	1%	0%	100%	100%
West Bengal	Dakshin Dinajpur	12	3%	83%	67%	81%	65%	230	69%	251	76%	263	87%	97	19%	14%	1%	0%	0%	0%
West Bengal	Darjiling **	64	11%	89%	65%	87%	53%	336	82%	381	93%	242	86%	412	54%	58%	1%	1%	100%	100%
West Bengal	Haora	62	8%	85%	70%	85%	63%	523	81%	630	97%	430	87%	492	44%	74%	3%	2%	50%	44%
West Bengal	Hugli	34	3%	87%	64%	85%	66%	546	73%	732	98%	449	81%	352	27%	45%	1%	1%	67%	0%
West Bengal	Jalpaiguri **	68	6%	91%	65%	86%	62%	846	92%	893	97%	732	94%	191	12%	53%	2%	1%	100%	100%
West Bengal	Koch Bihar **	21	3%	87%	66%	84%	63%	262	68%	359	93%	254	77%	104	15%	50%	2%	1%		
West Bengal	Kolkata	83	9%	80%	62%	81%	59%	657	87%	751	100%	559	99%	378	29%	80%	7%	5%	99%	89%
West Bengal	Maldah **	93	11%	89%	72%	85%	71%	503	73%	615	89%	422	75%	128	12%	40%	0%	0%	100%	0%
West Bengal	Medinipur East	19	4%	86%	61%	83%	53%	278	75%	348	94%	152	63%	110	19%	38%	2%	1%	100%	67%
West Bengal	Medinipur West	33	3%	92%	76%	89%	65%	628	74%	637	76%	506	74%	193	13%	21%	3%	1%		
West Bengal	Murshidabad	70	5%	92%	62%	89%	68%	877	78%	1075	95%	702	79%	356	20%	50%	1%	1%	100%	100%
West Bengal	Nadia	34	4%	90%	66%	86%	60%	500	79%	630	99%	434	82%	238	22%	45%	1%	0%	50%	50%
West Bengal	North 24 Parganas	80	5%	84%	56%	84%	67%	1198	91%	1306	99%	957	92%	1238	58%	55%	3%	2%	68%	72%
West Bengal	Puruliya	35	5%	93%	75%	89%	77%	323	79%	375	92%	256	75%	95	11%	53%	0%	0%		
West Bengal	South 24 Parganas	67	5%	88%	60%	85%	61%	758	79%	951	99%	616	86%	472	30%	35%	3%	1%	100%	93%
West Bengal	Uttar Dinajpur	32	7%	89%	71%	86%	68%	252	68%	359	97%	243	82%	83	15%	51%	4%	2%	83%	83%
	<b>Grand Total</b>	<b>19170</b>	<b>7%</b>	<b>90%</b>	<b>73%</b>	<b>88%</b>	<b>71%</b>	<b>170840</b>	<b>88%</b>	<b>189744</b>	<b>97%</b>	<b>125291</b>	<b>82%</b>	<b>175008</b>	<b>50%</b>	<b>52%</b>	<b>6%</b>	<b>3%</b>	<b>91%</b>	<b>62%</b>

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

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	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 <sup>2</sup>	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 <sup>3</sup>	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
<b>Summary of performance of Tribal Districts</b>		554	75837	137	-2%	10274	7	2%	74	68	17925	129	57	35	16	21	13

<b>Summary of performance of Poor and Backward Districts</b>		2801	350511	125	3.1%	43232	8	3.4%	62	57	70356	100	46	26	9	19	12
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**Zonal Analysis**

<b>North Zone</b>	3032	478387	158	-9%	63361	8	7%	84	76	100009	132	57	27	19	28	20
<b>South Zone</b>	2476	518543	209	-3%	44757	12	1%	72	62	70304	114	48	26	18	21	15
<b>West Zone</b>	3384	530594	157	-5%	63745	8	6%	75	66	105585	125	50	30	17	27	17
<b>East zone</b>	2599	330717	127	-2%	36125	9	11%	56	51	60399	93	42	22	12	17	10
<b>North East</b>	452	53793	119	-17%	7183	7	2.4%	63	57	13157	116	46	29	19	22	13

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

State	District	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	3 month conversion rate of retreatment patients <sup>4</sup>	Treatment Success rate of new smear positive patients <sup>5</sup>	Treatment success rate among smear positive previously treated cases <sup>5</sup>	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 HIV 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)
		No	%	%	%	%	No	%	No	%	No	%	No	%	%	%	%	%	%	
<b>Summary of performance of Tribal Districts</b>		1107	7%	90%	75%	89%	73%	8283	86%	9416	97%	6083	77%	10789	60%	35%	4%	1%	89%	53%

<b>Summary of performance of Poor and Backward Districts</b>		3821	7%	90%	75%	89%	75%	35499	87%	40014	98%	24134	78%	44310	63%	29%	4%	1%	84%	56%
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**Zonal Analysis**

<b>North Zone</b>	5077	6%	91%	77%	89%	76%	52868	90%	57781	99%	39014	87%	55337	55%	36%	1%	0%	61%	62%
<b>South Zone</b>	4310	8%	89%	70%	86%	66%	33988	87%	37600	96%	24835	82%	40663	58%	88%	10%	8%	92%	61%
<b>West Zone</b>	6147	7%	91%	72%	89%	70%	50070	88%	55451	97%	37695	82%	41750	40%	56%	6%	4%	95%	64%
<b>East zone</b>	2917	6%	89%	71%	88%	69%	28150	83%	32649	97%	19766	75%	32435	54%	31%	2%	1%	65%	74%
<b>North East</b>	719	7%	88%	70%	85%	64%	5764	87%	6263	94%	3981	77%	4823	37%	35%	3%	1%	67%	48%

\* 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,

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 (Fourth 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		1127		24		10		22		674		3298	
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
<b>1. Number of TB suspects referred from VCTCs to RNTCP facilities*</b>	26748		26032		33721		424		120		282		25096		112423	
<b>2. Out of the above persons, number diagnosed as having TB:</b>																
<b>a) Sputum Positive TB</b>	450	1396	291	1001	289	1531	3	4	9	0	0	15	110	821	1152	4768
<b>b) Sputum Negative TB</b>	185	348	134	241	203	515	4	2	66	24	5	7	81	183	678	1320
<b>c) Extra-Pulmonary TB</b>	27	35	97	120	121	177	1	0	0	0	1	0	26	55	273	387
<b>d) Total diagnosed TB patients</b>	662	1779	522	1362	613	2223	8	6	75	24	6	22	217	1059	2103	6475
<b>3. Out of above total diagnosed TB patients (d), number receiving DOTS</b>	562	1631	493	1286	532	2056	8	5	3	3	3	20	179	893	1780	5894

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 Fourth quarter 2010

States	All TB-HIV NSP Total Case Registered	Treatment Success	Died	Failure	Default	Transferred Out
Andhra Pradesh	1067	79%	15%	2%	3%	1%
Assam	7	86%	14%	0%	0%	0%
Chandigarh	3	100%	0%	0%	0%	0%
Delhi	20	70%	10%	10%	10%	0%
Goa	7	86%	14%	0%	0%	0%
Gujarat	209	78%	13%	2%	5%	2%
Karnataka	668	73%	18%	1%	7%	1%
Kerala	22	64%	5%	14%	14%	0%
Maharashtra	797	71%	19%	2%	6%	2%
Manipur	25	96%	8%	0%	4%	0%
Mizoram	9	56%	0%	0%	33%	0%
Nagaland	12	67%	17%	0%	17%	0%
Pondicherry	3	33%	67%	0%	0%	0%
Punjab	25	68%	16%	4%	4%	0%
Tamil Nadu	340	74%	16%	0%	9%	1%
West Bengal	33	73%	21%	3%	3%	0%
<b>Grand Total</b>	<b>3247</b>	<b>75%</b>	<b>17%</b>	<b>2%</b>	<b>6%</b>	<b>1%</b>

States	All TB-HIV Total Case Registered	Treatment Success	Died	Failure	Default	Transferred out
Andhra Pradesh	2713	80%	12%	2%	5%	1%
Assam	19	74%	11%	5%	5%	5%
Chandigarh	6	67%	0%	0%	0%	0%
Delhi	136	81%	6%	3%	7%	4%
Goa	43	79%	16%	0%	2%	0%
Gujarat	731	77%	13%	2%	7%	2%
Karnataka	2227	72%	17%	1%	7%	1%
Kerala	75	71%	9%	5%	7%	3%
Maharashtra	2975	76%	14%	1%	7%	1%
Manipur	74	78%	4%	3%	3%	0%
Mizoram	51	76%	2%	0%	8%	10%
Nagaland	35	83%	9%	3%	6%	0%
Pondicherry	12	83%	17%	0%	0%	0%
Punjab	59	56%	17%	5%	3%	2%
Tamil Nadu	1418	83%	12%	0%	5%	1%
West Bengal	187	53%	22%	1%	5%	19%
<b>Grand Total</b>	<b>10761</b>	<b>77%</b>	<b>14%</b>	<b>1%</b>	<b>6%</b>	<b>2%</b>

V positive TB patients receiving CPT and ART during TB treatment, Four

States	% CPT	% ART
Andhra Pradesh	88%	47%
Assam	43%	86%
Chandigarh	67%	17%
Delhi	71%	77%
Goa	98%	70%
Gujarat	96%	73%
Karnataka	99%	75%
Kerala	76%	83%
Maharashtra	95%	63%
Manipur	46%	35%
Mizoram	98%	44%
Nagaland	81%	59%
Pondicherry	100%	67%
Punjab	74%	65%
Tamil Nadu	89%	62%
West Bengal	87%	78%
<b>Grand Total</b>	<b>92%</b>	<b>62%</b>

**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	
Andaman & Nicobar	4	1	1	4	100%	1	26	10	38%	0	0								
Andhra Pradesh	847	24	17	652	77%	4	3845	882	23%	180	139	72	47	65%	6	8%	7	10%	
Arunachal Pradesh	14	14	2	3	21%	1	81	30	37%	4	0								
Assam	312	24	2	49	16%	1	908	47	5%	0	0								
Chandigarh	11	1	1	11	100%	1	87	33	38%	0	0								
Chhattisgarh	255	16	3	62	24%	1	368	10	3%	2	1								
Delhi	168	25	25	168	100%	4	1567	673	43%	301	246	69	60	87%	11	16%	16	23%	
Goa	15	2	2	15	100%	1	62	14	23%	7	5								
Gujarat* (+DD&DNH)	609	33	33	609	100%	4	3670	773	21%	237	194	139	85	61%	16	12%	8	6%	
Haryana	254	21	7	92	36%	1	1766	89	5%	42	27	12	5	42%	3	25%	1	8%	
Himachal Pradesh	69	12	2	21	30%	2	457	59	13%	20	17	4	2	50%	1	25%	0	0%	
Jammu & Kashmir	125	14	2	34	27%	2	417	30	7%	1	0								
Jharkhand	330	24	9	147	45%	1	690	12	2%	9	2	8	5	63%	1	13%	0	0%	
Karnataka	611	31	5	148	24%	1	2291	101	4%	33	31								
Kerala (+LK)	335	15	15	335	100%	2	628	494	79%	45	51	26	21	81%	0	0%	0	0%	
Madhya Pradesh	726	50	12	226	31%	2	2480	110	4%	32	21								
Mahara-shtra	1124	60	31	504	45%	4	3824	1036	27%	293	184	114	58	51%	12	11%	14	12%	
Manipur	27	9	2	10	37%	1	63	42	67%	10	0								
Meghalaya	30	7	2	15	50%	1	128	10	8%	5	0								
Mizoram	11	8	2	5	45%	1	47	38	81%	3	2								
Nagaland	20	11	2	7	35%	1	98	28	29%	1	0								
Orissa	419	31	15	261	62%	1	1016	42	4%	25	10	15	5	33%	1	7%	0	0%	
Puducherry	12	1	1	12	100%	1	58	19	33%	3	1								
Punjab	277	20	3	79	29%	2	1417	57	4%	0	0								
Rajasthan	686	33	21	482	70%	1	4254	499	12%	133	123	38	21	55%	4	11%	5	13%	
Sikkim	6	4	1	3	50%	1	54	11	20%	0	0								
Tamil Nadu	721	31	31	721	100%	2	2432	413	17%	69	51	33	24	73%	2	6%	3	9%	
Tripura	37	4	1	17	46%	1	58	6	10%	2	2								
Uttar Pradesh	1996	71	1	44	2%	1	8717	42	0.5%	1	18	2	2	100%	0	0%	0	0%	
Uttarakhand	101	13	2	36	36%	1	554	20	4%	17	16								
West Bengal	913	19	7	361	40%	2	2949	316	11%	23	41	72	42	58%	3	4%	1	1%	
<b>India Total</b>	<b>12102</b>	<b>662</b>	<b>260</b>	<b>5129</b>	<b>42%</b>	<b>50</b>	<b>46998</b>	<b>5946</b>	<b>13%</b>	<b>1498</b>	<b>1182</b>	<b>604</b>	<b>377</b>	<b>62%</b>	<b>60</b>	<b>10%</b>	<b>55</b>	<b>9%</b>	

\* 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		
Andaman & Nicobar																						
Andhra Pradesh	97	51	53%	13	13%	4	4%	8	8%	20	21%	23	12	0	52%	4	17%	5	22%	2	9%	
Arunachal Pradesh																						
Assam																						
Chandigarh																						
Chhattisgarh																						
Delhi	116	68	59%	9	8%	8	7%	13	11%	14	12%	66	33	4	56%	10	15%	14	21%	1	2%	
Goa																						
Gujarat* (+DD&DNH)	186	86	46%	26	14%	12	6%	34	18%	28	15%	41	16	3	46%	11	27%	7	17%	4	10%	
Haryana	19	8	42%	5	26%	1	5%	5	26%	0	0%	7	5	0	71%	1	14%	0	0%	1	14%	
Himachal Pradesh																						
Jammu & Kashmir																						
Jharkhand																						
Karnataka																						
Kerala (+LK)	36	25	69%	4	11%	3	8%	1	3%	3	8%	52	21	15	69%	4	8%	8	15%	1	2%	
Madhya Pradesh																						
Mahara-shtra	58	25	43%	11	19%	6	10%	8	14%	7	12%	21	8	0	38%	3	14%	6	29%	3	14%	
Manipur																						
Meghalaya																						
Mizoram																						
Nagaland																						
Orissa	17	3	18%	1	6%	11	65%	2	12%	0	0%											
Puducherry																						
Punjab																						
Rajasthan	56	33	59%	4	7%	6	11%	10	18%	1	2%	15	10	0	67%	2	13%	1	7%	2	13%	
Sikkim																						
Tamil Nadu	38	31	82%	2	5%	0	0%	3	8%	2	5%	4	0	0	0%	3	75%	0	0%	1	25%	
Tripura																						
Uttar Pradesh																						
Uttarakhand																						
West Bengal	61	30	49%	5	8%	17	28%	4	7%	4	7%	9	6	0	67%	2	22%	1	11%	0	0%	
<b>India Total</b>	<b>684</b>	<b>360</b>	<b>53%</b>	<b>80</b>	<b>12%</b>	<b>68</b>	<b>10%</b>	<b>88</b>	<b>13%</b>	<b>79</b>	<b>12%</b>	<b>238</b>	<b>111</b>	<b>22</b>	<b>56%</b>	<b>40</b>	<b>17%</b>	<b>42</b>	<b>18%</b>	<b>15</b>	<b>6%</b>	

\* 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

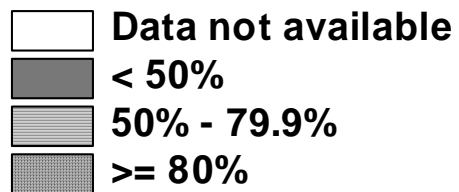
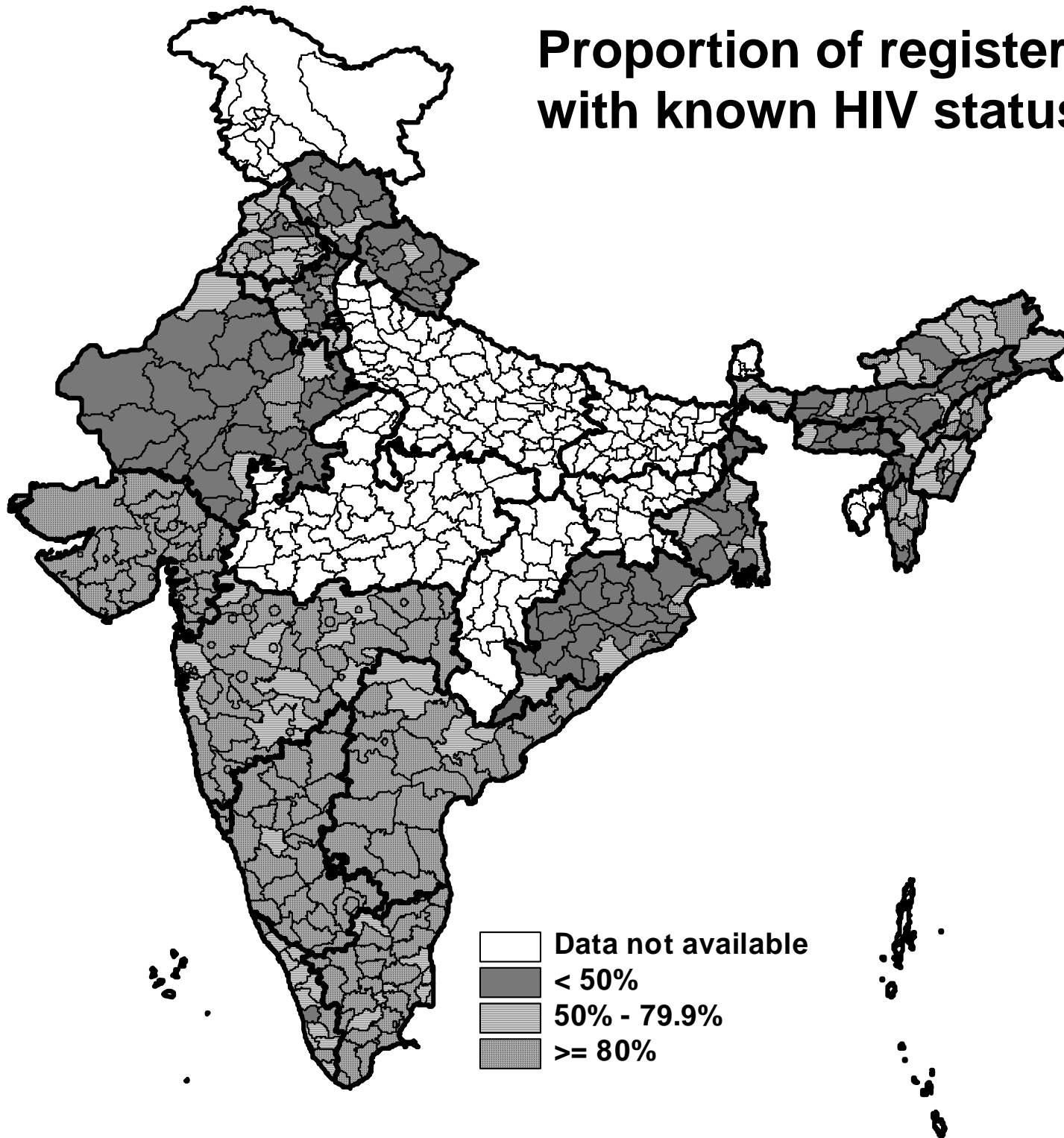
# For 2010, these numbers are NOT from the same cohort of patients from which MDR diagnosed are reported, but rather from treatment initiation registers only.

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.

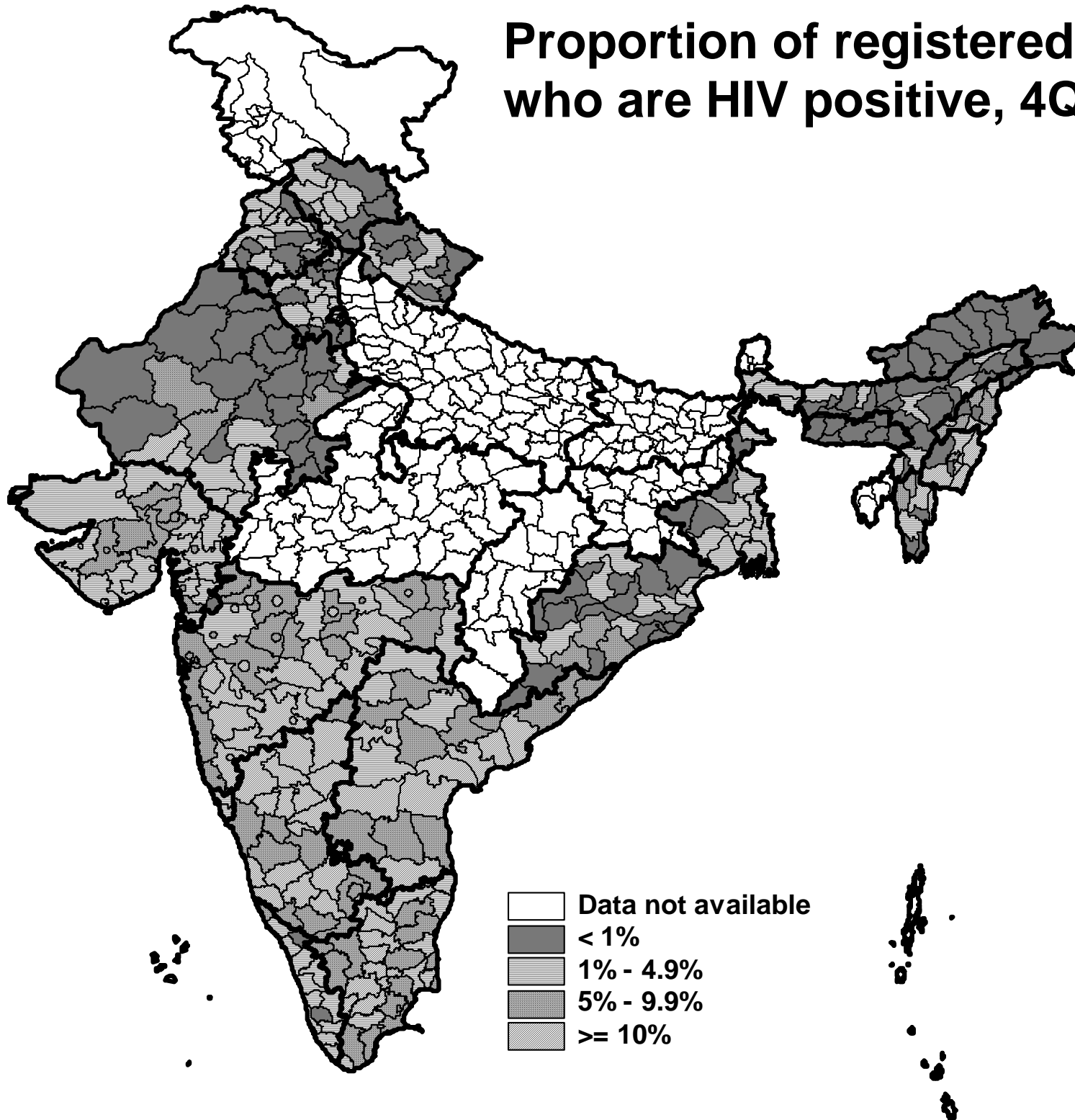
Future versions of the DOTS Plus reporting system will be based on cohorts of patients tested in laboratories, and will be used for monitoring of timeliness and efficiency of diagnosis and initiation on treatment

Laboratory Performance Indicators - 3Q11																
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]								Propotion 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
		Diagnosti c Sputum SPECIMENS inoculate d	Follow-Up SPECIMENS inoculate d	Solid DST Processe d	LPA DST done	Liquid DST Done	Total H+R Sens	Total H+R Res	Total H only Res	Total R only Res	Number	%	Number	%	Number	%
1	BPHRC,Andhra Pradesh	2	316	1	0	0	1	0	0	0	2	100	0	0	1	100
2	IRL,Gujarat	1312	2092	0	582	0	289	166	57	68	664	31	22	1	464	75
3	IRL, Andhra Pradesh	864	852	0	387	0	219	90	36	28	424	57	92	5	352	91
4	IRL,Kerala	726	323	118	0	0	39	50	5	1	222	44	167	16	103	29
5	IRL, Nagpur	1322	718	56	607	0	434	74	61	35	338	66	56	4	52	93
6	IRL, Orrissa	110	126	40	0	0	1	6	1	0	68	87	8	3	10	100
7	SMS,Jaipur	344	464	12	107	0	55	25	11	22	75	70	22	3	113	100
8	IRL,Chennai	408	362	141	0	0	80	35	6	1	135	95	107	13	22	43
9	IRL, West Bengal	112	360	69	0	0	8	101	14	7	52	67	9	2	37	53
10	CMC,Vellore	9	19	0	0	0	0	0	0	0	5	72	1	14	0	0
11	Hinduja, Mumbai	193	255	0	0	153	48	82	22	1	121	95	0	0	150	98
12	IRL,Jarkhand	50	50	19	0	0	8	7	1	3	18	90	10	10	9	100
13	IRL,Delhi	770	944	170	0	0	29	103	37	1	159	37	87	5	157	92
14	IRL Ajmer	262	244	149	0	0	16	36	21	0	115	74	38	8	72	90
15	IRL Puducherry	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	Chotithram,Indore	112	0	42	0	0	10	18	8	6	84	100	0	0	42	100
17	DFIT,Nellore	89	66	44	0	0	29	11	1	1	67	75	1	1	89	100
18	ICMR, Jabalpur	10	0	10	0	0	1	9	0	1	10	100	0	0	10	100
19	BMHRC, Bhopal	14	0	6	0	0	0	5	1	0	12	100	0	0	4	66

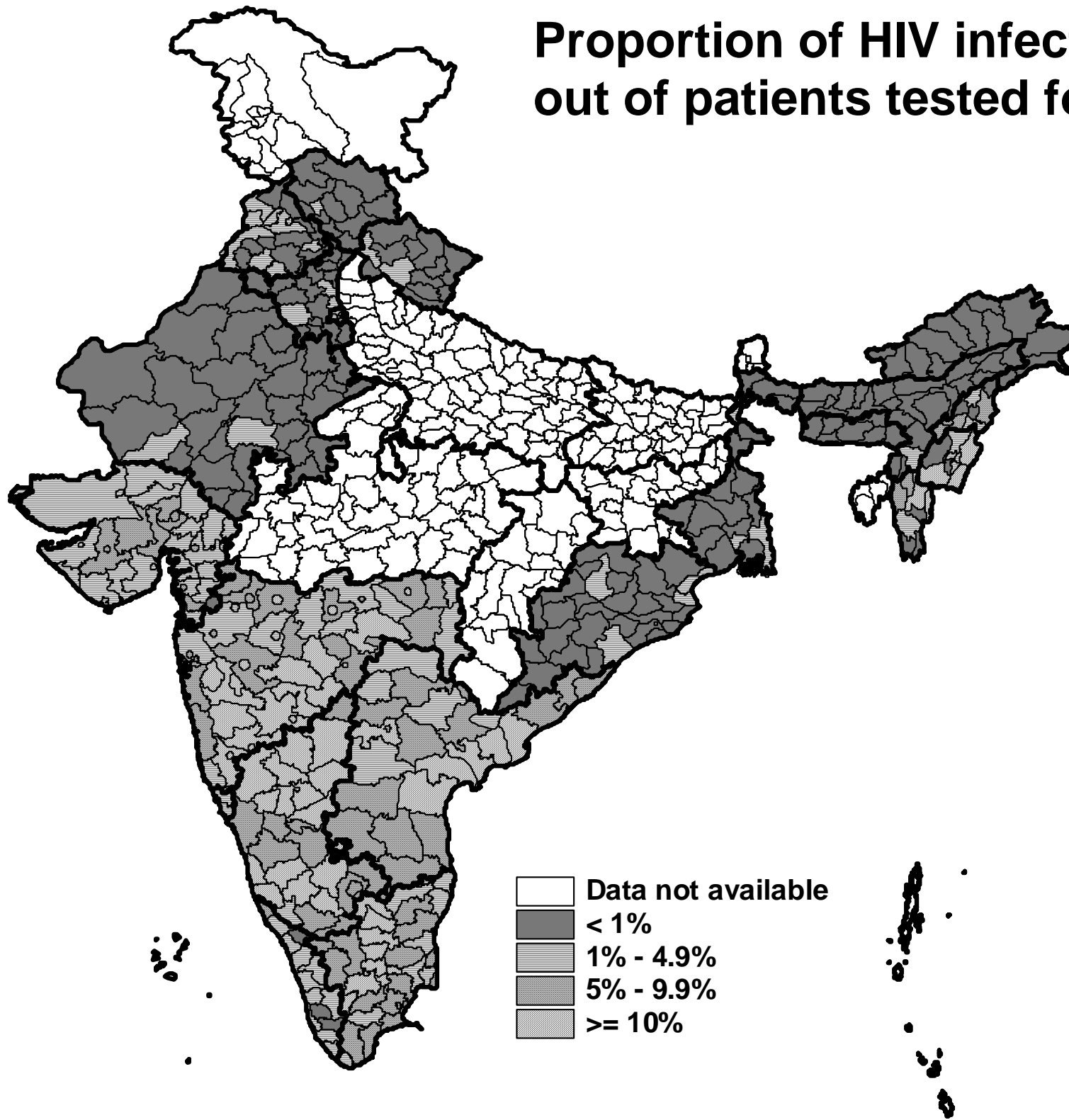
# Proportion of registered TB patients with known HIV status, 4Q 11



# Proportion of registered TB patients who are HIV positive, 4Q 11

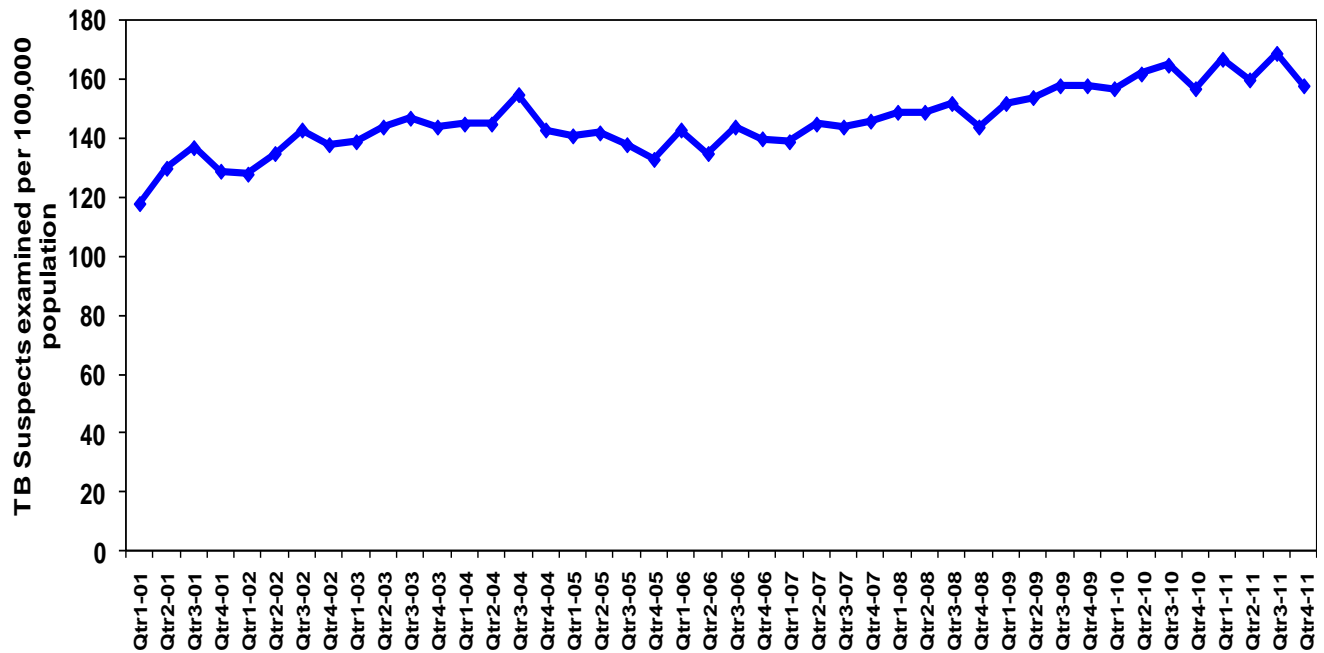


# Proportion of HIV infected patients out of patients tested for HIV, 4Q 11



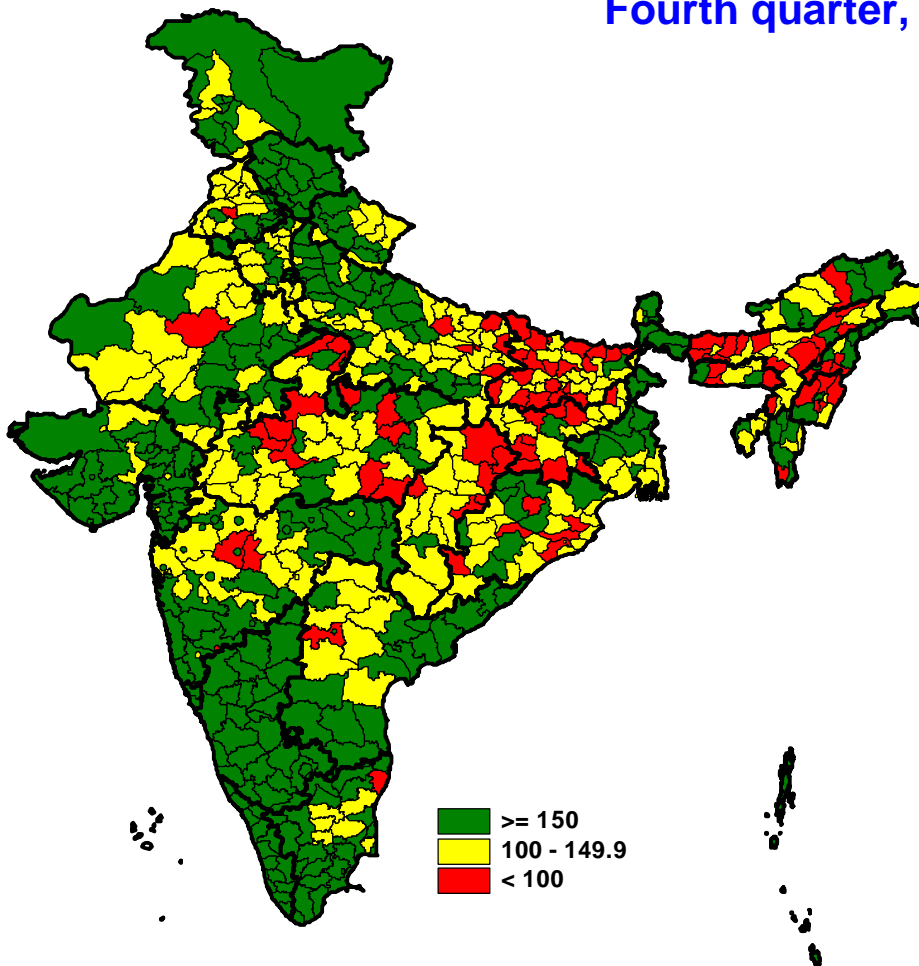


## TB Suspects examined per 100,000 population\*, 2001-2011



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

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



# Cure rate by district, India

## Fourth quarter, 2010

