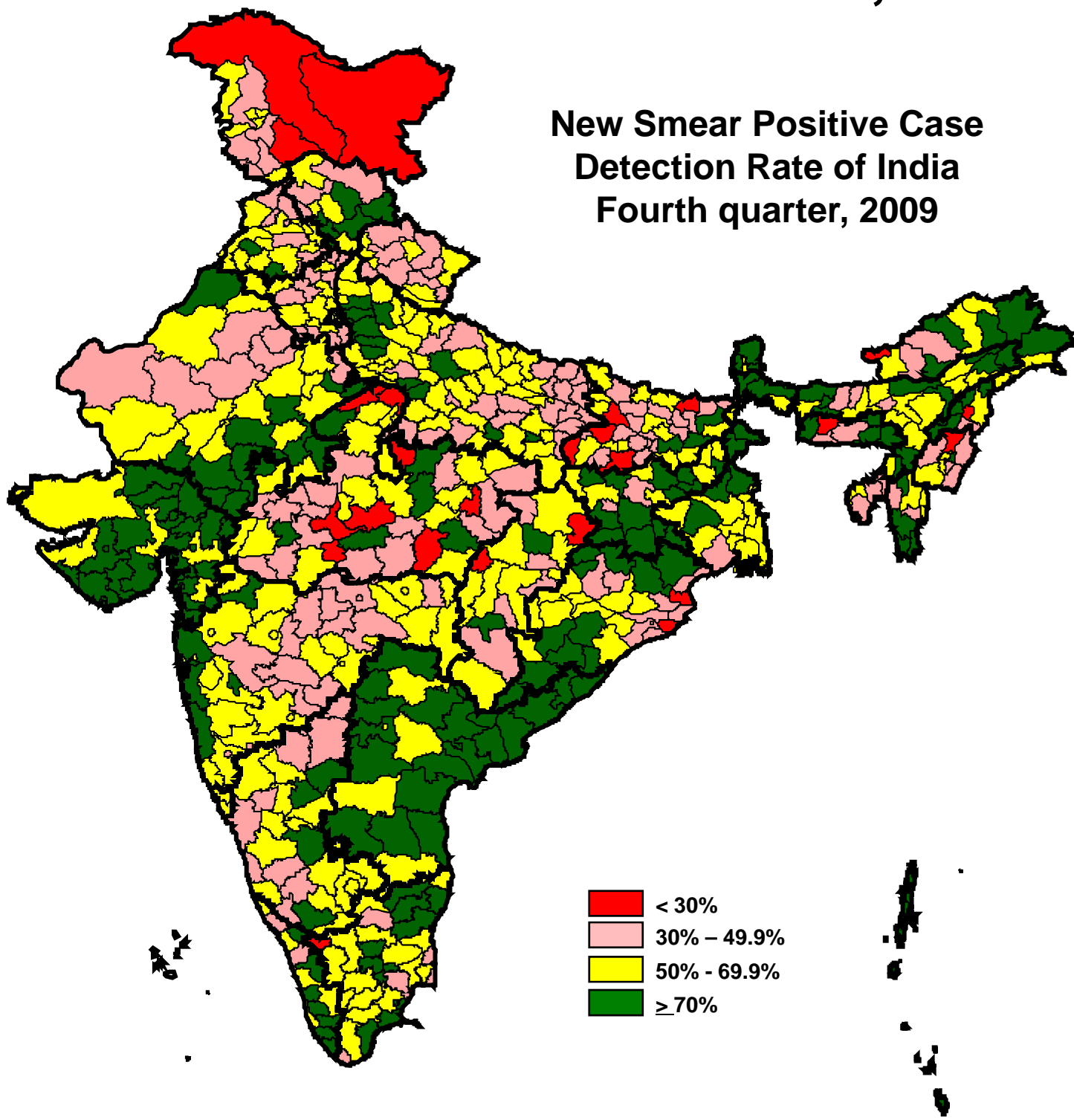
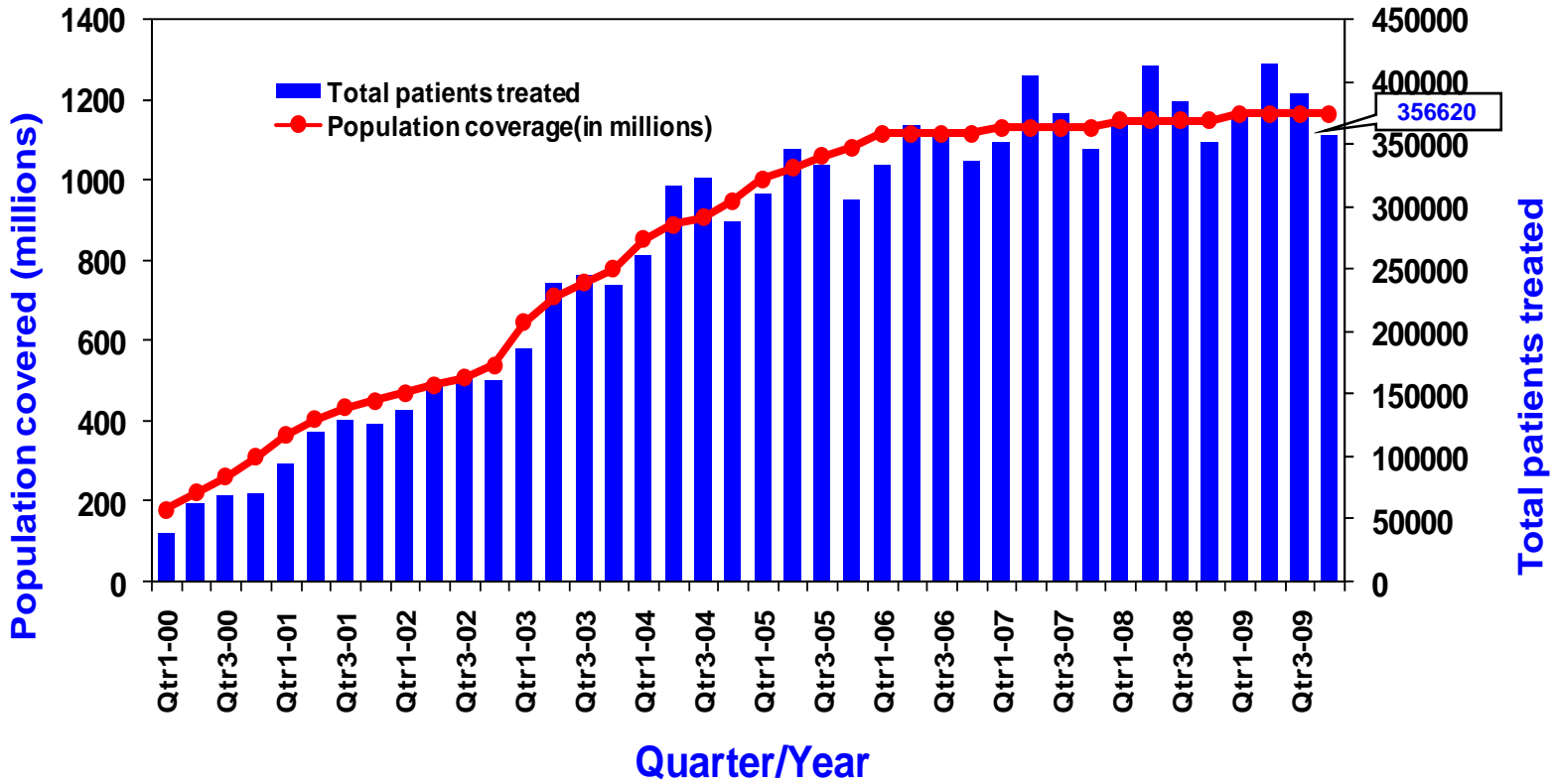


# RNTCP Performance Report, India Fourth Quarter, 2009

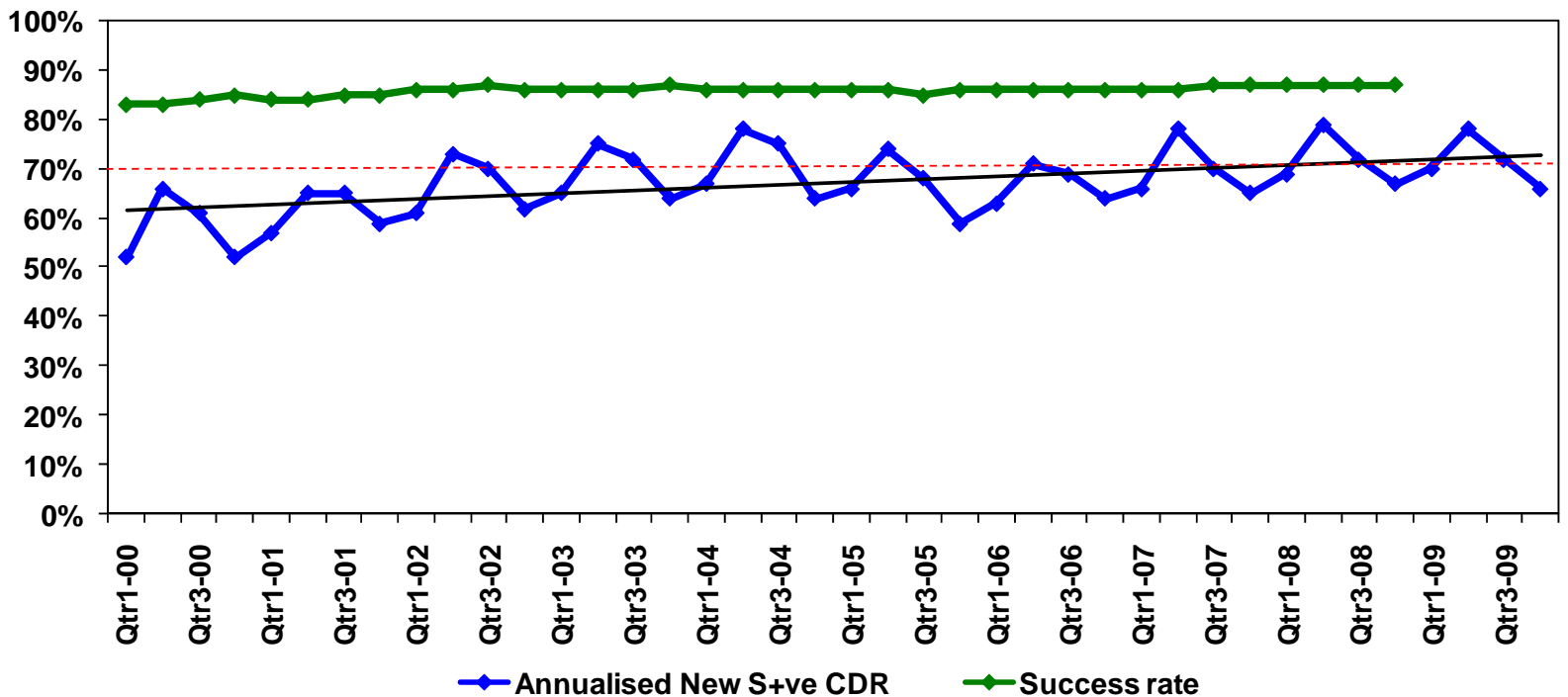


Central TB Division, Directorate General of Health Services  
Ministry of Health and Family Welfare, Nirman Bhavan, New Delhi 110108  
<http://www.tbcindia.org>

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



## Annualized new smear-positive case detection rate and treatment success rate in DOTS areas, 2000-2009\*



\*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 2009**

Dear Colleagues,

RNTCP has continued to achieve the treatment success rate of NSP cases above 85%, however NSP case detection rate is only 66% at the national level during the 4<sup>th</sup> quarter, 2009. The low case detection in the 4<sup>th</sup> quarters is continuing, however the annual NSP case detection rate for 2009 in the country is 72%. The programme, while consolidating and sustaining its past achievements, is progressing satisfactorily towards achieving the TB related Millennium Development Goals.

**RNTCP performance during 4q 09**

During the quarter, over 1.84 million suspects were examined, 210,886 sputum positive cases were diagnosed, and 356,620 TB cases were registered for treatment. The annualized total case detection rate is 123 cases per 100,000 populations. With a total of 143,608 new smear positive cases being registered for treatment, the new smear positive TB case detection rate (annualized) for the 4<sup>th</sup> quarter 2009 is 66%. In addition to this, 91,576 new smear negative cases, 52,120 new extra pulmonary cases, 46,953 smear positive re-treatment cases and 21,965 re-treatment Others' were also registered for treatment in this quarter. The treatment success rate amongst the new smear positive PTB cases registered in the 4<sup>th</sup> quarter 2008 is 87% and the sputum conversion rate of patients registered during 3Q09 is 90%. The default rates among NSP (5.5%), NSN (7%) and re-treatment cases (14%) continues to show the declining trend over the past several quarters.

**Major Activities during the quarter**

***National Air born infection control guidelines***

Air-borne infection control measures are imperative for preventing spread of TB and other airborne infections from person to person and also reducing the risk of spread to health workers in institutional settings. RNTCP has taken concrete steps towards this endeavor by developing the National Guidelines on Airborne Infection Control in Health Care and Other Settings. A national workshop was organized at New Delhi in November 2009 to develop the National guidelines for Airborne infection control. The guidelines were developed by the National Airborne Infection Control Committee (NAICC), a multi-lateral group of national experts from renowned Medical Colleges of India, National Communicable Disease Control (NCDC) Institute, National AIDS Control Organization (NACO), Central TB Division (CTD), World Health Organization, Architects and Engineers.

***Practical Approach to Lung Health (PAL)***

PAL strategy has been identified in the Stop TB Strategy as a model to strengthen the health systems. This initiative is aimed at managing respiratory patients in primary health care settings while expanding TB detection and good-quality TB services. PAL focuses on the most prevalent respiratory diseases at first-level health facilities. A pilot project of PAL is being implemented in the state of Kerala. In order to develop the technical and operational guidelines for PAL, a workshop was organized in Trivandrum, Kerala on 21<sup>st</sup> and 22<sup>nd</sup> October 2009 with international, national and state experts with WHO support. The project implementation plan was developed by the state technical working group for PAL and the project will be implemented by State Disease Control and Monitoring Cell, NRHM Kerala with technical support of RNTCP.

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

DOTS Plus services for management of MDR TB have been rolled out in the states of Gujarat, Maharashtra, Andhra Pradesh, Haryana, Delhi, Kerala, West Bengal, Tamil Nadu, Rajasthan and Orissa. In this quarter, 443 MDR TB patients have been initiated on DOTS Plus treatment bringing the total number of MDR TB patients on treatment to 1412 in these states.

***Progress in the involvement of NGOs and PPs***

The 2nd National Review workshop of IMA GFATM RNTCP PPM Project was conducted on Wednesday October 14, 2009 at Hotel Atrium, Surajkund, Haryana. The NWG members, State Coordinators, IMA Technical Consultants, State Presidents and State Secretaries of the Project States and private doctors trained by IMA and involved in DOT, participated in the review. The National President of IMA Dr Ashok Adhao inaugurated the workshop. There was representation from CTD and State TB officers of the six Project states.

A RNTCP review of National Thermal Power Corporation Project sites was done on 5th December 2009 at New Delhi. DMC /DOT Centres are running in 10 hospitals of NTPC across the country .They have put 991 patients on treatment till December 2009. They provide ambulance for Advocacy, Communication and Social mobilization in the slum areas and for DOT.

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

Intensified TB/HIV package of Services has been rolled out in 7 additional states – Punjab, Chandigarh, Rajasthan, Assam, Orissa, West Bengal and Kerala. The training of master trainers at state level has been completed in all these states except Rajasthan. The Intensified TB/HIV package modules for all levels of staff have been revised and may be accessed from [www.tbcindia.org](http://www.tbcindia.org). A new TB/HIV module for ART centre staff has been drafted and the training of national level master trainers in this module has been completed.

#### **Progress in HRD related activities**

Revision of Modules 1-8 which have been specifically re-designed for Program Managers is underway. Detailed discussions for the same are taking place in Central TB Division for finalization of the same. This revision exercise is crucial to the program as many significant changes are being included in this version, in addition to the fact that these modules are designed to address the needs of program managers, thereby strengthening capacity building and managerial focus in the program. Further, work on designing separate modules for Medical Officers and facilitators' guide is also being initiated by CTD.

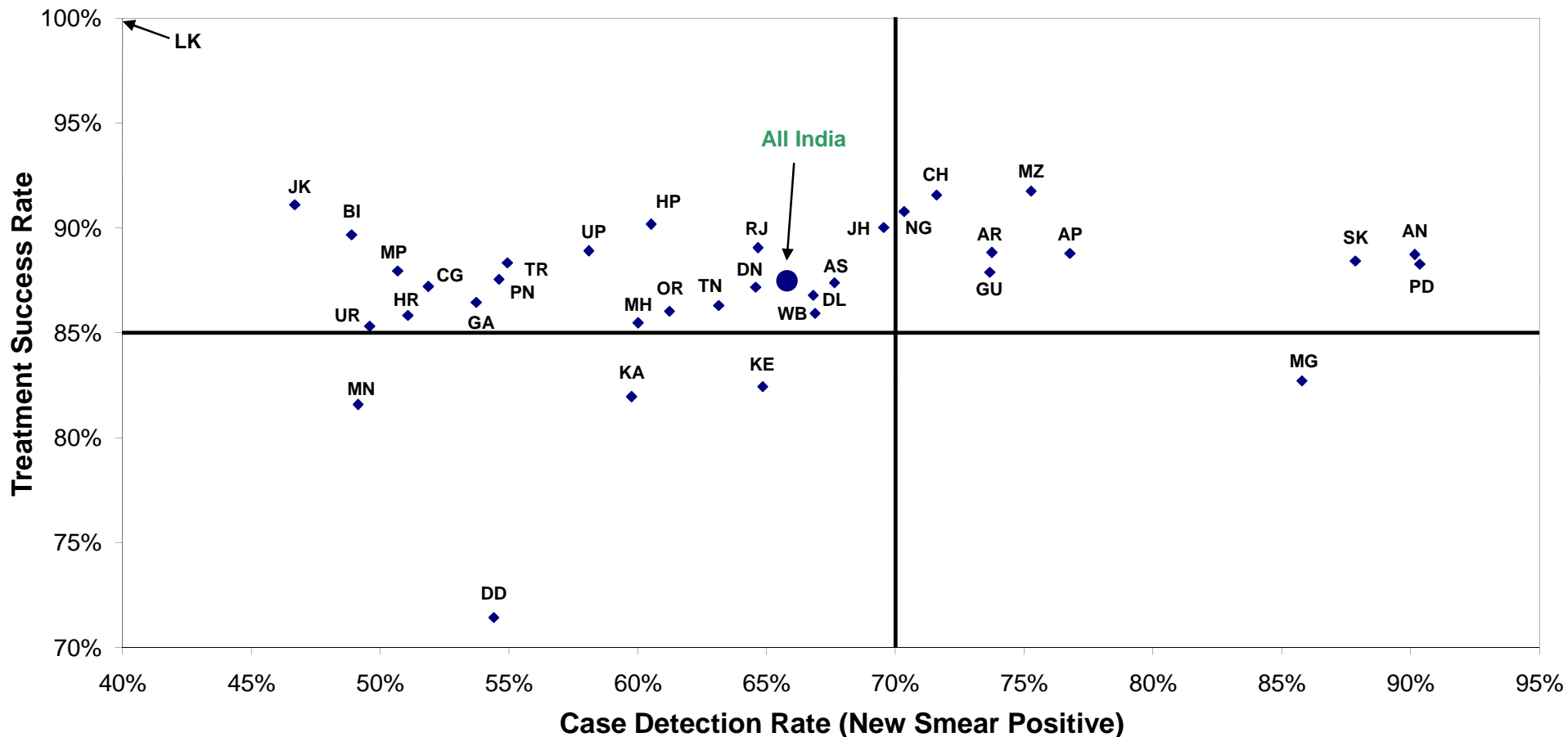
#### **Progress in ACSM**

Communication material for community level activities for awareness generation and for use by the DOT providers for patient counselling has been finalized by the media agency, and will be available on RNTCP website by next quarter.

The programme has made DOTS services available through out the country and ensured accessibility of DOT to all TB patients through a network of more than 4 lakh DOT providers. The programme has initiated DOTS Plus for the treatment of MDR TB. Progress has been made in TB HIV collaborative activities. The challenges ahead are enormous and require sustained efforts of committed teams in the states and districts, and at the national level. I have confidence in the entire TB workforce and am sure; we continue to achieve the targets set out towards a TB free India.

Dr. L. S Chauhan,  
Deputy Director General (TB)  
Dte. G. H. Services,  
MOHFW, Government of India

Case Detection Rate and Treatment Success Rate in RNTCP areas for 4th quarter 2009/2008



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 (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of +ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No. of retreatment cases registered for treatment	No. of smear positive retreatment cases registered for treatment	
Andaman & Nicobar	4	986	235	99	10%	204	194	71	68	90%	59%	50	47	28%	35	27
Andhra Pradesh	830	138420	167	18226	13%	27540	133	11952	58	77%	62%	7183	2961	13%	5400	4034
Arunachal Pradesh	12	2588	213	256	10%	541	178	168	55	74%	51%	159	85	21%	128	63
Assam	304	35313	116	5246	15%	9186	121	3853	51	68%	60%	2576	1160	15%	1593	912
Bihar	953	94485	99	11374	12%	20655	87	8735	37	49%	56%	6753	1313	8%	3791	1802
Chandigarh	11	3471	319	378	11%	548	201	185	68	72%	64%	102	149	34%	112	77
Chhattisgarh	240	26411	110	3022	11%	6638	110	2493	41	52%	49%	2563	889	15%	691	425
D & N Haveli	3	415	153	63	15%	100	148	35	52	65%	55%	29	17	21%	19	12
Daman & Diu	2	500	259	32	6%	64	133	21	44	54%	60%	14	10	22%	19	7
Delhi	176	41613	236	5059	12%	10345	235	2793	63	67%	59%	1934	3018	39%	2579	1551
Goa	17	3351	200	308	9%	481	115	180	43	54%	70%	77	137	35%	87	57
Gujarat	572	103564	181	13600	13%	18891	132	8425	59	74%	77%	2454	2553	19%	5449	3898
Haryana	241	41374	171	5152	12%	8543	142	2927	49	51%	62%	1812	1331	22%	2473	1835
Himachal Pradesh	66	14781	224	1632	11%	2717	164	950	57	61%	65%	516	586	29%	663	497
Jammu & Kashmir	128	19262	151	1865	10%	2871	90	1417	44	47%	76%	456	542	22%	454	365
Jharkhand	304	33244	109	4792	14%	9044	119	3966	52	70%	57%	3041	631	8%	1394	697
Karnataka	580	113478	196	10851	10%	16603	114	6500	45	60%	64%	3581	3257	24%	3243	2264
Kerala	346	84528	245	3684	4%	6930	80	2801	32	65%	63%	1632	1638	27%	856	650
Lakshadweep	0.7	62	89	0	0%	3	17	0	0	0%	0%	1	2	67%	0	0
Madhya Pradesh	705	79701	113	10880	14%	19797	112	7146	41	51%	52%	6563	2284	14%	3797	2502
Maharashtra	1083	167657	155	18539	11%	33946	125	12994	48	60%	62%	7965	6127	23%	6844	3853
Manipur	27	3408	128	341	10%	840	126	245	37	49%	46%	286	153	22%	156	76
Meghalaya	26	4871	190	609	13%	1105	172	413	64	86%	67%	208	252	29%	227	144
Mizoram	10	1805	182	201	11%	591	238	140	56	75%	46%	165	167	35%	119	45
Nagaland	22	3361	152	387	12%	820	148	292	53	70%	59%	205	153	24%	169	93
Orissa	403	54305	135	6875	13%	12006	119	5244	52	61%	64%	2955	2135	21%	1659	999
Puducherry	11	4595	421	558	12%	371	136	185	68	90%	75%	63	74	23%	49	42
Punjab	269	42105	157	5155	12%	8385	125	3487	52	55%	70%	1523	1596	24%	1774	1357
Rajasthan	657	88858	135	14289	16%	24359	148	8498	52	65%	55%	7069	3188	17%	5599	4469
Sikkim	6	1539	256	151	10%	344	229	99	66	88%	57%	74	91	34%	80	51
Tamil Nadu	669	175619	262	11115	6%	19986	119	7925	47	63%	60%	5280	3992	23%	2788	2225
Tripura	36	4841	136	423	9%	662	75	366	41	55%	76%	114	99	17%	83	64
Uttar Pradesh	1944	287418	148	38470	13%	64051	132	26821	55	58%	59%	18648	7183	14%	11268	8327
Uttarakhand	96	15860	165	2077	13%	3076	128	1135	47	50%	60%	748	442	19%	726	582
West Bengal	889	148733	167	15177	10%	24377	110	11146	50	67%	70%	4777	3858	20%	4594	2951
<b>Grand Total</b>	<b>11641</b>	<b>1842522</b>	<b>158</b>	<b>210886</b>	<b>11%</b>	<b>356620</b>	<b>123</b>	<b>143608</b>	<b>49</b>	<b>66%</b>	<b>61%</b>	<b>91576</b>	<b>52120</b>	<b>18%</b>	<b>68918</b>	<b>46953</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 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, failure, TAD and retreatment others

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	% of smear positive retreat-ment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients	Cure rate of new smear positive patients	Success rate of new smear positive patients	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Andaman & Nicobar	28%	12	7%	88%	85%	89%	98%	0	0.0%	2	2%	4	13%	71	100%	65	92%	49	82%
Andhra Pradesh	25%	962	4%	92%	87%	89%	92%	28	0.2%	1395	8%	13713	88%	15021	97%	10291	79%	21038	81%
Arunachal Pradesh	27%	39	9%	92%	88%	89%	85%	25	10.9%	9	4%	218	94%	226	98%	201	86%	182	37%
Assam	19%	327	4%	89%	85%	87%	92%	14	0.3%	382	8%	4169	87%	4469	93%	2870	81%	2746	31%
Bihar	17%	1286	8%	88%	81%	90%	93%	18	0.2%	778	7%	8684	89%	9286	95%	5753	67%	3530	29%
Chandigarh	29%	41	9%	89%	92%	92%	96%	2	0.8%	9	4%	214	82%	257	98%	198	91%	0	0%
Chhatisgarh	15%	319	5%	89%	82%	87%	93%	7	0.2%	199	7%	2570	88%	2880	99%	1577	73%	3179	49%
D & N Haveli	26%	16	20%	89%	87%	87%	92%	0	0.0%	4	8%	44	94%	47	100%	42	95%	5	5%
Daman & Diu	25%	3	7%	100%	57%	71%	100%	0	0.0%	0	0%	28	100%	28	100%	9	100%	2	3%
Delhi	36%	962	12%	89%	87%	87%	91%	57	1.4%	286	7%	3766	91%	4103	99%	3289	98%	473	5%
Goa	24%	30	8%	93%	86%	86%	91%	5	1.9%	19	7%	209	88%	228	96%	161	93%	100	21%
Gujarat	32%	951	7%	92%	88%	88%	93%	144	1.2%	662	5%	11117	90%	12091	98%	8875	88%	9570	51%
Haryana	39%	420	7%	90%	85%	86%	94%	10	0.2%	236	5%	4041	90%	4337	96%	2699	87%	2081	30%
Himachal Pradesh	34%	114	6%	93%	89%	90%	90%	17	1.2%	115	8%	1397	96%	1437	99%	1022	78%	284	13%
Jammu & Kashmir	20%	93	4%	93%	90%	91%	97%	1	0.1%	49	3%	1762	98%	1786	100%	1419	96%	227	16%
Jharkhand	15%	500	7%	91%	86%	90%	96%	13	0.3%	196	4%	3893	85%	4546	99%	2880	75%	4192	47%
Karnataka	26%	860	6%	87%	80%	82%	91%	60	0.6%	792	8%	7274	82%	8325	94%	4603	79%	6272	43%
Kerala	19%	945	16%	83%	81%	82%	94%	41	1.2%	169	5%	3016	87%	3190	92%	2044	80%	4095	62%
Lakshadweep	0%	0	0%	25%	100%	100%	0%	0	0.0%	0	0%	0	0%	0	0%	2	100%	0	0%
Madhya Pradesh	26%	1274	8%	89%	85%	88%	92%	98	1.0%	728	7%	8254	87%	9077	95%	4908	47%	8988	50%
Maharashtra	23%	1998	7%	89%	84%	85%	91%	310	1.9%	1203	7%	14089	86%	15819	96%	10475	79%	6881	23%
Manipur	24%	54	8%	87%	81%	82%	94%	2	0.6%	18	6%	305	96%	309	97%	180	81%	348	47%
Meghalaya	26%	69	8%	86%	81%	83%	90%	10	1.8%	47	8%	474	84%	496	88%	263	87%	503	51%
Mizoram	24%	61	13%	89%	87%	92%	99%	3	1.8%	1	1%	148	99%	146	97%	155	96%	102	20%
Nagaland	24%	111	17%	91%	90%	91%	97%	0	0.0%	10	3%	289	78%	298	80%	212	71%	291	49%
Orissa	16%	610	6%	88%	82%	86%	92%	48	0.8%	481	8%	5210	83%	6093	98%	3596	74%	5519	51%
Puducherry	19%	35	11%	90%	88%	88%	94%	3	1.2%	11	5%	172	76%	199	88%	137	88%	0	0%
Punjab	28%	418	6%	90%	86%	88%	94%	87	1.8%	207	4%	4460	93%	4720	98%	3237	92%	766	11%
Rajasthan	34%	1020	5%	92%	88%	89%	94%	54	0.4%	743	6%	10821	83%	12505	96%	8825	81%	2887	12%
Sikkim	34%	28	11%	84%	88%	88%	93%	4	3.2%	5	4%	147	98%	148	99%	118	99%	103	30%
Tamil Nadu	22%	1568	9%	91%	86%	86%	94%	92	1.0%	475	5%	8087	83%	9534	98%	5741	78%	4392	23%
Tripura	15%	21	4%	92%	87%	88%	96%	8	1.9%	7	2%	348	80%	421	97%	275	79%	319	48%
Uttar Pradesh	24%	3451	7%	91%	86%	89%	93%	10	0.0%	2483	7%	31277	90%	33975	98%	26555	88%	41796	69%
Uttarakhand	34%	190	8%	89%	82%	85%	87%	13	0.7%	173	10%	1393	86%	1552	96%	1049	81%	1467	58%
West Bengal	21%	1047	5%	88%	85%	86%	90%	21	0.1%	1375	9%	10904	77%	13049	92%	9162	82%	5775	27%
<b>Grand Total</b>	<b>25%</b>	<b>19835</b>	<b>7%</b>	<b>90%</b>	<b>85%</b>	<b>87%</b>	<b>92%</b>	<b>1205</b>	<b>0.6%</b>	<b>13269</b>	<b>7%</b>	<b>162497</b>	<b>87%</b>	<b>180669</b>	<b>96%</b>	<b>122888</b>	<b>80%</b>	<b>138162</b>	<b>43%</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 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

## Treatment Outcome of New cases for 4th quarter 2008

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	71	84.5%	4.2%	1.4%	1.4%	5.6%	2.8%	86	88.4%	4.7%	0.0%	5.8%	1.2%	43	81.4%	7.0%	0.0%	7.0%	4.7%
Andhra Pradesh	12282	86.5%	2.3%	4.8%	2.5%	3.5%	0.4%	7926	89.7%	4.4%	0.5%	4.7%	0.8%	2878	92.4%	3.0%	0.2%	2.9%	1.6%
Arunachal Pradesh	188	88.3%	0.5%	1.6%	4.8%	3.7%	1.1%	139	89.2%	2.9%	2.2%	5.8%	0.0%	102	93.1%	2.9%	0.0%	3.9%	0.0%
Assam	3615	84.9%	2.5%	3.8%	1.2%	7.0%	0.6%	2553	84.4%	3.2%	0.5%	11.4%	0.4%	1023	89.5%	3.1%	0.0%	7.0%	0.3%
Bihar	8499	80.6%	9.1%	3.2%	0.8%	5.9%	0.5%	6321	90.2%	1.6%	0.2%	7.3%	0.8%	1262	89.5%	0.9%	0.1%	3.0%	6.5%
Chandigarh	178	91.6%	0.0%	1.7%	1.1%	3.9%	1.7%	84	94.0%	2.4%	0.0%	1.2%	2.4%	142	96.5%	0.0%	0.0%	2.1%	1.4%
Chhatisgarh	2408	82.4%	4.9%	4.2%	0.7%	7.2%	0.7%	2573	88.1%	2.6%	0.2%	8.6%	0.4%	799	91.7%	1.5%	0.1%	5.5%	1.1%
D & N Haveli	39	87.2%	0.0%	7.7%	0.0%	5.1%	0.0%	31	77.4%	0.0%	6.5%	16.1%	0.0%	29	93.1%	6.9%	0.0%	0.0%	0.0%
Daman & Diu	14	57.1%	14.3%	0.0%	7.1%	14.3%	7.1%	18	83.3%	0.0%	0.0%	16.7%	0.0%	7	85.7%	0.0%	0.0%	0.0%	14.3%
Delhi	2778	86.6%	0.2%	2.6%	4.6%	4.4%	1.6%	1539	91.7%	2.2%	1.1%	4.0%	1.0%	2849	96.3%	1.0%	0.1%	2.0%	0.5%
Goa	155	85.8%	0.6%	4.5%	3.9%	4.5%	0.6%	121	88.4%	5.8%	2.5%	3.3%	0.0%	155	93.5%	6.5%	0.0%	0.0%	0.0%
Gujarat	8547	87.6%	0.3%	4.4%	2.5%	4.2%	1.0%	2637	89.1%	3.6%	1.1%	5.7%	0.6%	2258	91.6%	3.3%	0.1%	3.8%	1.2%
Haryana	2682	85.2%	0.6%	4.5%	3.4%	5.9%	0.3%	1589	86.8%	3.5%	1.2%	8.3%	0.1%	1081	93.0%	2.0%	0.4%	4.4%	0.2%
Himachal Pradesh	1110	89.1%	1.1%	4.0%	2.3%	3.1%	0.5%	450	88.4%	6.4%	0.9%	3.3%	0.9%	646	92.9%	3.6%	0.0%	3.4%	0.2%
Jammu & Kashmir	1282	90.0%	1.1%	3.7%	0.5%	3.3%	1.3%	462	87.9%	3.9%	0.6%	5.6%	1.9%	625	89.3%	4.5%	0.2%	4.0%	2.1%
Jharkhand	4141	86.0%	4.0%	4.0%	0.7%	5.0%	0.2%	2973	89.2%	2.2%	0.2%	8.2%	0.3%	647	94.6%	1.4%	0.0%	3.4%	0.6%
Karnataka	5934	79.9%	2.1%	6.5%	2.7%	7.6%	1.2%	3614	82.8%	6.9%	0.7%	7.8%	1.8%	3021	85.9%	5.4%	0.2%	6.3%	2.2%
Kerala	2721	80.9%	1.5%	4.7%	5.3%	6.5%	1.1%	1236	89.6%	4.2%	0.6%	4.7%	1.0%	1506	91.8%	2.7%	0.1%	4.4%	0.9%
Lakshadweep	2	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	2	0.0%	0.0%	0.0%	0.0%	0.0%	0	0.0%	0.0%	0.0%	0.0%	0.0%
Madhya Pradesh	6397	84.6%	3.4%	4.3%	1.6%	5.3%	0.8%	6295	87.2%	2.4%	0.5%	9.0%	0.9%	2184	87.2%	2.2%	0.1%	4.3%	4.2%
Maharashtra	13011	84.2%	1.3%	5.6%	2.2%	5.6%	1.2%	8589	87.2%	4.7%	0.5%	6.6%	1.0%	5854	89.6%	4.1%	0.2%	4.7%	1.4%
Manipur	228	80.7%	0.9%	3.9%	4.8%	9.2%	0.4%	339	86.7%	2.7%	0.0%	10.6%	0.0%	215	90.2%	4.2%	0.0%	5.6%	0.0%
Meghalaya	295	81.4%	1.4%	3.1%	6.4%	6.8%	1.0%	201	87.1%	6.0%	1.0%	6.0%	0.0%	301	90.4%	2.7%	0.7%	5.6%	0.7%
Mizoram	182	86.8%	4.9%	4.4%	1.1%	2.7%	0.0%	167	84.4%	8.4%	1.8%	5.4%	0.0%	188	95.7%	2.1%	0.0%	2.1%	0.0%
Nagaland	282	90.4%	0.4%	4.3%	3.5%	0.7%	0.4%	175	89.7%	2.3%	1.1%	6.3%	0.6%	144	96.5%	1.4%	0.0%	2.1%	0.0%
Orissa	5231	82.5%	3.6%	5.6%	1.3%	6.2%	1.0%	3110	87.0%	5.2%	0.2%	6.6%	1.0%	2183	90.7%	2.8%	0.2%	4.9%	1.4%
Puducherry	145	87.6%	0.7%	4.1%	2.8%	4.1%	0.7%	38	89.5%	10.5%	0.0%	0.0%	0.0%	54	98.1%	1.9%	0.0%	0.0%	0.0%
Punjab	3132	85.8%	1.8%	4.7%	2.1%	4.3%	1.4%	1427	87.2%	4.3%	0.6%	5.6%	2.3%	1521	92.6%	2.4%	0.3%	2.6%	2.0%
Rajasthan	8855	87.7%	1.4%	3.6%	2.1%	5.0%	0.2%	7326	89.4%	3.0%	0.9%	6.6%	0.1%	2838	93.5%	2.2%	0.2%	4.1%	0.0%
Sikkim	95	88.4%	0.0%	3.2%	8.4%	0.0%	0.0%	77	92.2%	3.9%	1.3%	1.3%	1.3%	127	97.6%	0.8%	0.8%	0.8%	0.0%
Tamil Nadu	7468	85.7%	0.6%	5.6%	1.6%	5.8%	0.7%	5068	91.0%	3.8%	0.4%	4.3%	0.4%	4068	94.1%	3.0%	0.0%	1.7%	1.2%
Tripura	386	87.0%	1.3%	4.4%	2.6%	4.7%	0.0%	142	87.3%	6.3%	0.7%	4.9%	0.7%	92	90.2%	3.3%	0.0%	5.4%	1.1%
Uttar Pradesh	28712	85.9%	3.0%	3.8%	0.9%	5.6%	0.7%	17272	89.1%	2.3%	0.4%	7.4%	0.7%	6522	92.8%	1.6%	0.1%	4.6%	1.0%
Uttarakhand	1117	81.6%	3.7%	3.8%	1.6%	8.1%	0.6%	711	88.0%	2.7%	1.4%	6.9%	0.6%	434	92.9%	1.8%	0.0%	3.7%	0.7%
West Bengal	11167	84.7%	1.3%	4.1%	2.5%	6.6%	0.9%	4846	85.4%	4.9%	0.6%	8.4%	0.8%	3753	88.8%	3.5%	0.2%	4.9%	2.6%
<b>Grand Total</b>	<b>143349</b>	<b>85.0%</b>	<b>2.5%</b>	<b>4.4%</b>	<b>1.9%</b>	<b>5.5%</b>	<b>0.8%</b>	<b>90137</b>	<b>88.3%</b>	<b>3.5%</b>	<b>0.5%</b>	<b>7.0%</b>	<b>0.7%</b>	<b>49551</b>	<b>91.4%</b>	<b>2.8%</b>	<b>0.1%</b>	<b>4.0%</b>	<b>1.5%</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 2008 (excluding "Others")**

Type of retreatment case	Cured	Success	Died	Failure	Defaulted	Transferred out	No. registered
Relapse	68.0%	74.3%	7.3%	5.0%	12.1%	1.2%	24338
Failure	50.9%	57.5%	8.9%	16.0%	16.1%	1.5%	4554
Treatment after default	59.5%	67.3%	8.3%	4.1%	16.5%	2.2%	17677
<b>Total</b>	<b>63.1%</b>	<b>70.0%</b>	<b>7.8%</b>	<b>5.7%</b>	<b>14.1%</b>	<b>1.6%</b>	<b>46569</b>

**State-wise outcome of Smear Positive Retreatment cases  
Fourth quarter 2008 (excluding "Others")**

Implementing states	Cured	Success	Died	Failure	Defaulted	Transferred out	No. registered
Andaman & Nicobar	66.7%	66.7%	9.5%	9.5%	14.3%	0.0%	21
Andhra Pradesh	65.7%	71.4%	9.9%	7.0%	10.1%	1.5%	3952
Arunachal Pradesh	76.5%	77.8%	2.5%	12.3%	7.4%	0.0%	81
Assam	52.8%	60.8%	7.8%	7.8%	22.7%	0.9%	761
Bihar	52.9%	70.3%	4.5%	2.9%	9.7%	0.7%	2076
Chandigarh	73.9%	73.9%	8.7%	10.1%	4.3%	2.9%	69
Chhatisgarh	55.4%	67.7%	8.9%	2.5%	20.3%	0.6%	316
D & N Haveli	76.9%	76.9%	15.4%	0.0%	0.0%	7.7%	13
Daman & Diu	25.0%	100.0%	0.0%	0.0%	0.0%	0.0%	4
Delhi	69.8%	70.4%	6.7%	9.3%	10.8%	2.7%	1501
Goa	68.4%	68.4%	10.5%	10.5%	7.0%	3.5%	57
Gujarat	63.4%	64.8%	9.1%	8.9%	15.7%	1.5%	4077
Haryana	65.9%	70.8%	7.9%	7.3%	13.5%	0.4%	1664
Himachal Pradesh	72.1%	76.9%	9.7%	7.1%	5.6%	0.6%	463
Jammu & Kashmir	78.6%	83.4%	3.5%	4.3%	8.1%	0.8%	397
Jharkhand	66.0%	73.8%	6.7%	2.7%	14.8%	2.0%	714
Karnataka	50.9%	57.3%	9.3%	8.1%	22.4%	2.8%	2090
Kerala	64.2%	69.4%	8.9%	7.7%	13.2%	1.0%	575
Lakshadweep	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0
Madhya Pradesh	55.6%	70.1%	6.9%	5.1%	15.4%	2.4%	2372
Maharashtra	59.4%	64.0%	10.2%	6.3%	17.9%	1.7%	3790
Manipur	61.4%	71.4%	4.3%	4.3%	17.1%	2.9%	70
Meghalaya	49.5%	57.3%	5.8%	12.6%	24.3%	0.0%	103
Mizoram	74.4%	79.5%	5.1%	2.6%	10.3%	2.6%	39
Nagaland	73.0%	77.0%	3.0%	10.0%	9.0%	1.0%	100
Orissa	51.5%	64.7%	9.4%	4.8%	18.6%	2.5%	947
Puducherry	74.4%	74.4%	5.1%	12.8%	7.7%	0.0%	39
Punjab	64.6%	73.6%	8.5%	5.3%	9.0%	3.7%	1428
Rajasthan	68.2%	75.1%	6.7%	4.7%	13.3%	0.1%	4570
Sikkim	29.7%	29.7%	1.7%	16.9%	0.8%	0.0%	118
Tamil Nadu	57.8%	66.2%	8.6%	4.9%	18.8%	1.5%	2037
Tripura	65.2%	71.7%	2.2%	4.3%	19.6%	2.2%	46
Uttar Pradesh	69.4%	77.3%	6.4%	2.5%	12.1%	1.6%	8676
Uttarakhand	64.4%	68.8%	8.6%	3.1%	15.3%	4.0%	523
West Bengal	60.9%	64.8%	8.4%	8.2%	16.1%	2.5%	2880
<b>Grand Total</b>	<b>63.1%</b>	<b>70.0%</b>	<b>7.8%</b>	<b>5.7%</b>	<b>14.1%</b>	<b>1.6%</b>	<b>46569</b>

**Programme infrastructure, Staffing and Training status in 4th quarter 2009**

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-medical Staff
Andaman & Nicobar	1	3	13	0	0	0	1	0	2	3	3	19	76%	70%
Andhra Pradesh	24	177	919	145	74	32	17	23	165	177	174	873	80%	88%
Arunachal Pradesh	13	13	33	20	0	0	13	0	6	14	14	39	82%	55%
Assam	23	68	339	62	19	3	23	5	60	68	68	420	84%	61%
Bihar	38	168	691	15	12	6	33	34	185	205	149	637	81%	79%
Chandigarh	1	2	15	4	117	2	1	0	2	2	4	15	89%	100%
Chhatisgarh	16	62	298	104	0	3	16	2	56	49	52	280	83%	86%
D & N Haveli	1	1	5	0	5	0	1	0	1	1	1	5	100%	100%
Daman & Diu	2	2	4	0	0	0	2	0	1	1	2	4	96%	92%
Delhi	24	37	196	100	73	5	23	15	19	49	40	190	87%	54%
Goa	2	4	21	15	0	1	0	0	3	5	4	21	83%	97%
Gujarat	30	136	718	191	2516	13	27	14	134	135	132	683	95%	94%
Haryana	21	47	216	18	217	3	19	8	45	46	45	221	77%	81%
Himachal Pradesh	12	41	168	3	29	2	12	4	32	40	40	145	82%	76%
Jammu & Kashmir	14	42	174	8	13	5	12	12	37	43	39	226	95%	69%
Jharkhand	22	66	280	17	12	3	19	13	56	66	67	304	81%	84%
Karnataka	30	129	646	54	442	39	30	9	121	123	121	624	83%	80%
Kerala	14	71	476	97	40	18	13	12	62	70	68	610	76%	68%
Lakshadweep	1	1	9	0	0	0	1	1	0	1	1	13	94%	100%
Madhya Pradesh	45	144	738	40	87	9	45	7	114	130	137	758	95%	84%
Maharashtra	55	261	1251	413	1766	41	55	46	252	244	248	1195	75%	87%
Manipur	9	13	51	116	0	1	9	6	7	13	17	43	71%	62%
Meghalaya	7	12	55	15	0	1	6	2	12	12	12	49	86%	61%
Mizoram	8	9	30	2	0	0	8	2	4	9	9	32	77%	92%
Nagaland	11	15	40	25	14	0	10	0	5	13	13	43	77%	56%
Orissa	31	107	544	83	2	6	31	10	95	104	97	514	86%	85%
Puducherry	1	4	22	4	4	8	1	0	4	5	5	22	71%	94%
Punjab	20	57	289	69	346	8	20	5	50	54	55	317	84%	77%
Rajasthan	33	150	818	56	216	8	29	8	130	143	141	775	86%	77%
Sikkim	4	5	20	6	4	1	4	0	3	5	5	21	89%	88%
Tamil Nadu	30	142	791	109	133	19	26	26	111	135	97	607	82%	95%
Tripura	4	10	52	0	0	2	4	2	8	9	10	57	82%	95%
Uttar Pradesh	71	379	1792	383	199	20	63	50	342	362	339	1903	74%	61%
Uttarakhand	13	30	144	10	16	3	12	9	23	29	30	160	64%	59%
West Bengal	19	188	846	107	5	6	19	11	177	187	189	1016	81%	76%
<b>Grand Total</b>	<b>650</b>	<b>2596</b>	<b>12704</b>	<b>2291</b>	<b>6361</b>	<b>268</b>	<b>605</b>	<b>336</b>	<b>2324</b>	<b>2552</b>	<b>2428</b>	<b>12841</b>	<b>82%</b>	<b>79%</b>

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)		% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment
										68	90%						
Andaman & Nicobar	Andaman & Nicobar Islands *	4	986	235	99	10%	204	194	71	68	90%	59%	50	47	28%	35	27
Andhra Pradesh	Adilabad *	27	2845	105	516	18%	904	133	395	58	77%	56%	308	85	11%	116	97
Andhra Pradesh	Anantapur	40	7237	181	936	13%	1253	126	564	57	75%	64%	320	130	13%	239	188
Andhra Pradesh	Bhadrachalam	9	1747	205	280	16%	403	189	190	89	119%	60%	127	13	4%	73	65
Andhra Pradesh	Chittoor	41	6204	151	907	15%	1073	105	468	46	61%	69%	213	169	20%	223	168
Andhra Pradesh	Cuddapah	28	4528	160	548	12%	1010	143	404	57	76%	59%	286	88	11%	232	140
Andhra Pradesh	East Godavari	53	10550	197	1040	10%	2038	153	753	56	75%	51%	737	198	12%	348	188
Andhra Pradesh	Guntur	48	12345	256	1451	12%	1997	165	860	71	95%	59%	604	138	9%	395	297
Andhra Pradesh	Hyderabad	40	9932	246	1440	14%	1522	151	526	52	69%	64%	301	373	31%	300	201
Andhra Pradesh	Karimnagar	38	5433	143	699	13%	1026	108	469	49	66%	62%	283	62	8%	212	183
Andhra Pradesh	Khammam	20	3494	178	615	18%	743	152	350	71	95%	67%	169	66	11%	158	125
Andhra Pradesh	Krishna	46	7712	167	978	13%	1566	135	649	56	75%	59%	442	134	11%	341	252
Andhra Pradesh	Kurnool	39	5458	142	705	13%	1180	123	465	48	64%	55%	381	78	8%	253	177
Andhra Pradesh	Mahbubnagar	38	5098	133	669	13%	1141	119	557	58	77%	69%	248	98	11%	238	184
Andhra Pradesh	Medak	29	3045	104	505	17%	871	119	409	56	75%	70%	172	127	18%	163	126
Andhra Pradesh	Nalgonda	36	3812	107	748	20%	1041	117	455	51	68%	70%	191	112	15%	278	253
Andhra Pradesh	Nellore	29	4969	170	664	13%	956	131	454	62	83%	68%	210	67	9%	215	172
Andhra Pradesh	Nizamabad	26	3921	153	469	12%	704	110	386	60	80%	70%	163	48	8%	107	84
Andhra Pradesh	Prakasam	33	5025	150	597	12%	1100	131	532	64	85%	63%	309	45	5%	214	165
Andhra Pradesh	Rangareddi	38	5378	140	891	17%	1228	128	538	56	75%	71%	225	221	22%	244	205
Andhra Pradesh	Srikakulam	28	4304	155	461	11%	996	144	368	53	71%	50%	375	119	14%	133	77
Andhra Pradesh	Visakhapatnam	42	8794	212	1000	11%	1405	135	660	64	85%	69%	301	232	19%	211	166
Andhra Pradesh	Vizianagaram	25	4768	194	515	11%	939	153	431	70	93%	71%	180	153	20%	175	124
Andhra Pradesh	Warangal	35	5604	158	801	14%	1019	115	484	55	73%	69%	213	73	9%	249	207
Andhra Pradesh	West Godavari	42	6217	149	791	13%	1425	137	585	56	75%	58%	425	132	12%	283	190
Arunachal Pradesh	Changlang **	1	188	135	10	5%	39	112	14	40	54%	64%	8	7	24%	10	2
Arunachal Pradesh	Dibang Valley	1	139	217	12	9%	19	119	12	75	100%	80%	3	1	6%	3	3
Arunachal Pradesh	East Kameng *	1	90	142	5	6%	35	220	5	31	42%	33%	10	3	17%	17	4
Arunachal Pradesh	East Siang *	1	253	260	23	9%	68	279	21	86	115%	42%	29	7	12%	11	7
Arunachal Pradesh	Lohit **	2	216	135	32	15%	48	120	25	63	83%	71%	10	2	5%	11	7
Arunachal Pradesh	Lower Subansiri *	1	120	110	10	8%	29	107	8	29	39%	62%	5	7	35%	9	5
Arunachal Pradesh	Papum Pare *	1	863	637	95	11%	163	481	32	94	126%	34%	62	28	23%	41	19
Arunachal Pradesh	Tawang *	0.4	86	223	4	5%	10	104	2	21	28%	40%	3	5	50%	0	0
Arunachal Pradesh	Tirap †	1	217	194	20	9%	50	179	14	50	67%	47%	16	10	25%	10	5
Arunachal Pradesh	Upper Siang *	0.4	81	219	7	9%	11	119	4	43	58%	67%	2	2	25%	3	3
Arunachal Pradesh	Upper Subansiri *	1	102	167	11	11%	17	111	9	59	78%	100%	0	4	31%	4	1
Arunachal Pradesh	West Kameng *	1	114	137	14	12%	26	125	10	48	64%	59%	7	5	23%	4	4
Arunachal Pradesh	West Siang *	1	119	103	13	11%	26	90	12	42	55%	75%	4	4	19%	5	3
Assam	Barpeta	19	1695	90	210	12%	438	94	158	34	45%	54%	136	28	9%	116	54
Assam	Bongaigaon	10	1580	153	215	14%	295	114	140	54	72%	63%	83	10	4%	62	42
Assam	Cachar	16	2444	149	318	13%	641	156	243	59	79%	55%	202	137	24%	59	40
Assam	Darrang	17	1869	109	251	13%	456	106	195	45	61%	60%	128	56	15%	77	53
Assam	Dhemaji	6	618	95	128	21%	203	125	102	63	84%	68%	48	19	11%	34	19
Assam	Dhubri	19	1741	93	257	15%	565	121	211	45	60%	49%	221	33	7%	100	38

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Andaman & Nicobar	Andaman & Nicobar Islands *	28%	12	7%	88%	85%	89%	98%	0	0.0%	2	2%	4	13%	71	100%	65	92%	49	82%
Andhra Pradesh	Adilabad *	20%	40	5%	92%	86%	92%	89%	3	0.6%	53	10%	443	90%	492	100%	352	84%	889	98%
Andhra Pradesh	Anantapur	25%	32	3%	88%	82%	85%	91%	0	0.0%	67	9%	631	86%	718	97%	527	78%	1175	94%
Andhra Pradesh	Bhadrachalam	25%	9	3%	92%	83%	91%	92%	0	0.0%	23	8%	166	87%	162	85%	112	62%	367	91%
Andhra Pradesh	Chittoor	26%	23	3%	90%	86%	87%	97%	0	0.0%	25	3%	536	84%	621	98%	430	73%	858	80%
Andhra Pradesh	Cuddapah	26%	21	3%	90%	86%	90%	87%	0	0.0%	72	13%	441	81%	466	86%	281	71%	638	63%
Andhra Pradesh	East Godavari	20%	75	4%	95%	89%	91%	97%	0	0.0%	26	3%	837	89%	933	99%	734	77%	1698	83%
Andhra Pradesh	Guntur	26%	30	2%	94%	88%	90%	95%	3	0.2%	65	5%	1081	93%	1156	100%	749	87%	1364	68%
Andhra Pradesh	Hyderabad	28%	115	9%	90%	85%	87%	65%	0	0.0%	489	35%	529	96%	553	100%	530	100%	80	6%
Andhra Pradesh	Karimnagar	28%	24	3%	92%	86%	90%	89%	12	1.7%	64	9%	579	89%	631	97%	433	83%	817	80%
Andhra Pradesh	Khammam	26%	17	3%	90%	86%	87%	95%	0	0.0%	24	5%	390	89%	434	100%	283	73%	700	94%
Andhra Pradesh	Krishna	28%	35	3%	93%	88%	90%	97%	0	0.0%	28	3%	784	87%	864	96%	559	74%	1199	79%
Andhra Pradesh	Kurnool	28%	54	6%	91%	85%	85%	93%	4	0.6%	44	6%	374	74%	499	99%	245	45%	0	0%
Andhra Pradesh	Mahbubnagar	25%	25	3%	91%	87%	88%	92%	0	0.0%	53	8%	659	89%	724	98%	493	81%	1082	95%
Andhra Pradesh	Medak	24%	58	8%	92%	86%	88%	94%	1	0.2%	24	6%	462	87%	475	89%	271	67%	732	83%
Andhra Pradesh	Nalgonda	36%	35	5%	90%	85%	86%	95%	0	0.0%	38	5%	561	79%	628	89%	372	66%	848	89%
Andhra Pradesh	Nellore	27%	20	3%	92%	87%	89%	92%	0	0.0%	52	8%	565	90%	620	99%	370	76%	956	100%
Andhra Pradesh	Nizamabad	18%	11	2%	90%	81%	87%	95%	1	0.2%	20	4%	440	94%	461	98%	267	91%	589	85%
Andhra Pradesh	Prakasam	24%	26	3%	90%	84%	89%	96%	1	0.2%	20	3%	598	86%	691	99%	441	93%	1092	99%
Andhra Pradesh	Rangareddi	28%	64	7%	91%	86%	86%	94%	0	0.0%	37	6%	692	93%	731	98%	585	91%	1104	90%
Andhra Pradesh	Srikakulam	17%	51	6%	93%	87%	94%	92%	1	0.2%	34	8%	387	87%	428	96%	312	74%	847	85%
Andhra Pradesh	Visakhapatnam	20%	77	6%	95%	91%	92%	95%	1	0.1%	48	5%	773	94%	824	100%	606	92%	1271	90%
Andhra Pradesh	Vizianagaram	22%	62	8%	91%	87%	89%	94%	0	0.0%	28	6%	497	90%	542	98%	351	75%	882	94%
Andhra Pradesh	Warangal	30%	13	2%	91%	84%	86%	95%	0	0.0%	40	5%	557	81%	593	86%	450	80%	1019	100%
Andhra Pradesh	West Godavari	25%	45	4%	96%	93%	93%	97%	1	0.1%	21	3%	731	94%	775	100%	538	95%	831	58%
Arunachal Pradesh	Changlang **	13%	1	3%	95%	90%	90%	100%	0	0.0%	0	0%	13	81%	15	94%	19	83%	19	49%
Arunachal Pradesh	Dibang Valley	20%	1	6%	100%	100%	100%	100%	0	0.0%	0	0%	15	100%	15	100%	18	100%	1	100%
Arunachal Pradesh	East Kameng *	44%	1	6%	100%	89%	89%	100%	0	0.0%	0	0%	9	100%	9	100%	6	67%	4	11%
Arunachal Pradesh	East Siang *	25%	4	7%	96%	91%	91%	91%	0	0.0%	2	9%	28	100%	25	89%	24	86%	11	16%
Arunachal Pradesh	Lohit **	22%	2	5%	76%	84%	84%	90%	2	6.5%	1	3%	31	97%	32	100%	36	100%	6	9%
Arunachal Pradesh	Lower Subansiri *	38%	1	5%	92%	80%	80%	100%	0	0.0%	0	0%	12	92%	12	92%	12	100%	7	23%
Arunachal Pradesh	Papum Pare *	37%	16	13%	95%	89%	89%	70%	22	30.1%	0	0%	50	98%	51	100%	42	100%	124	76%
Arunachal Pradesh	Tawang *	0%	3	30%	100%	90%	90%	100%	0	0.0%	0	0%	2	100%	2	100%	11	100%	2	20%
Arunachal Pradesh	Tirap †	26%	6	15%	86%	93%	100%	90%	0	0.0%	2	10%	16	84%	19	100%	7	50%	0	0%
Arunachal Pradesh	Upper Siang *	43%	0	0%	80%	100%	100%	100%	0	0.0%	0	0%	7	100%	7	100%	7	100%	2	18%
Arunachal Pradesh	Upper Subansiri *	10%	2	15%	89%	75%	75%	50%	1	10.0%	4	4%	6	60%	10	100%	5	63%	0	0%
Arunachal Pradesh	West Kameng *	29%	2	9%	100%	100%	100%	100%	0	0.0%	0	0%	14	100%	14	100%	3	27%	6	23%
Arunachal Pradesh	West Siang *	20%	0	0%	89%	73%	73%	100%	0	0.0%	0	0%	15	100%	15	100%	11	79%	0	0%
Assam	Barpeta	25%	7	2%	90%	89%	89%	96%	0	0.0%	8	4%	189	89%	212	100%	137	80%	35	8%
Assam	Bongaigaon	23%	10	4%	90%	87%	87%	96%	0	0.0%	8	4%	153	84%	166	91%	92	65%	59	20%
Assam	Cachar	14%	26	4%	93%	87%	87%	95%	0	0.0%	16	5%	234	83%	277	98%	137	80%	254	40%
Assam	Darrang	21%	3	1%	89%	85%	87%	98%	0	0.0%	4	2%	233	94%	243	98%	169	87%	151	33%
Assam	Dhemaji	16%	5	3%	89%	89%	89%	95%	0	0.0%	6	5%	110	91%	121	100%	58	85%	84	41%
Assam	Dhubri	15%	11	2%	89%	85%	89%	92%	6	2.4%	14	6%	202	81%	225	90%	107	60%	334	61%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Assam	Dibrugarh	13	1710	128	357	21%	564	169	216	65	86%	65%	115	161	33%	72	52
Assam	Goalpara	9	940	100	160	17%	239	102	128	55	73%	70%	56	13	7%	42	25
Assam	Golaghat	11	1073	99	166	15%	327	121	143	53	71%	60%	94	53	18%	37	20
Assam	Hailakandi	6	944	152	102	11%	173	112	90	58	78%	70%	39	29	18%	15	10
Assam	Jorhat	12	1234	107	178	14%	308	107	119	41	55%	59%	84	67	25%	38	25
Assam	Kamrup	29	3809	133	613	16%	915	128	343	48	64%	64%	192	115	18%	265	165
Assam	Karbi Anglong *	9	970	105	123	13%	332	143	107	46	62%	41%	157	22	8%	46	9
Assam	Karimganj	11	1476	129	157	11%	306	107	121	42	56%	58%	87	49	19%	49	24
Assam	Kokrajhar	11	957	90	221	23%	297	112	179	67	90%	74%	63	12	5%	43	29
Assam	Lakhimpur	10	879	87	122	14%	215	85	106	42	56%	64%	59	18	10%	28	20
Assam	Marigaon	9	902	102	98	11%	217	98	72	33	43%	47%	82	8	5%	55	23
Assam	Nagaon	26	2899	110	354	12%	715	108	304	46	61%	56%	243	65	11%	103	50
Assam	Nalbari	13	987	76	132	13%	285	88	115	35	47%	61%	72	32	15%	66	41
Assam	North Cachar Hills *	2	320	151	29	9%	55	104	21	40	53%	58%	15	6	14%	13	7
Assam	Sibsagar	12	1272	106	205	16%	394	131	144	48	64%	57%	107	60	19%	83	48
Assam	Sonitpur	19	2655	139	467	18%	715	149	358	75	100%	67%	175	75	12%	107	60
Assam	Tinsukia	13	2339	178	383	16%	531	162	238	73	97%	67%	118	92	21%	83	58

Bihar	Araria **	24	1733	71	204	12%	379	62	157	26	34%	51%	150	17	5%	55	28
Bihar	Arwal	7	812	116	125	15%	175	100	86	49	65%	61%	54	2	1%	33	24
Bihar	Aurangabad-BI **	23	2058	89	218	11%	367	64	170	30	39%	63%	101	22	8%	74	45
Bihar	Banka **	18	1943	105	199	10%	398	86	180	39	52%	64%	103	2	1%	57	7
Bihar	Begusarai **	27	2972	110	412	14%	809	120	317	47	63%	48%	343	24	4%	125	75
Bihar	Bhagalpur **	28	5063	181	550	11%	1052	151	404	58	77%	50%	400	80	9%	168	87
Bihar	Bhojpur **	26	1646	64	126	8%	357	56	83	13	17%	38%	137	22	9%	115	36
Bihar	Buxar	16	1729	107	147	9%	244	60	106	26	35%	61%	67	8	4%	63	42
Bihar	Darbhanga **	38	3808	101	411	11%	739	78	289	31	41%	70%	126	177	30%	147	86
Bihar	Gaya **	40	2049	51	299	15%	866	87	211	21	28%	32%	455	32	5%	168	66
Bihar	Gopalganj **	25	2233	90	292	13%	563	91	273	44	59%	75%	92	28	7%	168	32
Bihar	Jamui **	16	1314	82	232	18%	423	105	184	46	61%	55%	150	10	3%	79	27
Bihar	Jehanabad **	10	1217	117	160	13%	279	108	113	44	58%	47%	130	4	2%	32	28
Bihar	Kaimur **	15	963	65	115	12%	222	60	79	21	29%	56%	61	4	3%	78	27
Bihar	Katihar **	27	2936	107	453	15%	569	83	351	51	68%	80%	89	25	5%	103	60
Bihar	Khagaria **	15	1829	125	159	9%	241	66	135	37	49%	71%	55	11	5%	40	32
Bihar	Kishanganj **	15	1339	90	163	12%	254	68	127	34	46%	73%	47	23	12%	57	33
Bihar	Lakhisarai **	9	1070	116	88	8%	157	68	74	32	43%	65%	39	13	10%	31	11
Bihar	Madhepura **	18	1782	102	181	10%	247	56	127	29	39%	68%	61	11	6%	48	37
Bihar	Madhubani **	41	4652	113	564	12%	752	73	443	43	58%	72%	169	38	6%	102	63
Bihar	Munger **	13	1587	122	220	14%	366	112	181	55	74%	67%	90	44	14%	51	36
Bihar	Muzaffarpur **	43	4543	106	530	12%	1390	129	400	37	50%	39%	631	79	7%	280	121
Bihar	Nalanda **	27	2258	83	305	14%	502	74	254	37	50%	61%	163	27	6%	58	26
Bihar	Nawada **	21	1174	56	200	17%	283	54	151	29	39%	74%	53	19	9%	60	38
Bihar	Pashchim Champaran **	35	3799	109	459	12%	616	70	376	43	57%	75%	125	24	5%	91	57
Bihar	Patna	54	6007	111	713	12%	1497	111	435	32	43%	44%	556	223	18%	283	123
Bihar	Purba Champaran **	45	2773	61	331	12%	528	47	274	24	32%	61%	173	30	6%	51	33
Bihar	Purnia **	29	5163	177	572	11%	800	110	449	61	82%	67%	218	16	2%	117	86

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Assam	Dibrugarh	19%	58	12%	92%	89%	91%	81%	3	1.0%	54	18%	250	93%	246	92%	177	91%	165	29%
Assam	Goalpara	16%	6	3%	89%	86%	87%	79%	0	0.0%	33	21%	144	94%	153	100%	81	86%	48	20%
Assam	Golaghat	12%	18	6%	92%	86%	87%	98%	0	0.0%	4	2%	145	89%	158	97%	114	83%	147	45%
Assam	Hailakandi	10%	9	6%	84%	83%	83%	93%	0	0.0%	7	7%	55	55%	100	100%	42	70%	34	20%
Assam	Jorhat	17%	9	3%	93%	85%	85%	95%	2	1.2%	7	4%	142	99%	144	100%	159	89%	12	4%
Assam	Kamrup	32%	22	3%	90%	86%	88%	95%	1	0.2%	23	4%	437	86%	479	94%	300	88%	222	24%
Assam	Karbi Anglong *	8%	8	3%	82%	78%	84%	93%	0	0.0%	9	8%	110	95%	112	97%	42	53%	177	53%
Assam	Karimganj	17%	7	3%	91%	88%	89%	88%	0	0.0%	17	12%	118	81%	145	100%	58	68%	99	32%
Assam	Kokrajhar	14%	6	2%	82%	87%	87%	95%	0	0.0%	12	5%	181	87%	198	95%	121	90%	99	33%
Assam	Lakhimpur	16%	7	4%	90%	91%	91%	99%	0	0.0%	1	1%	108	86%	126	100%	101	89%	183	85%
Assam	Marigaon	24%	4	2%	85%	72%	80%	97%	0	0.0%	3	3%	85	89%	87	92%	57	85%	55	25%
Assam	Nagaon	14%	11	2%	91%	85%	87%	84%	0	0.0%	56	16%	287	81%	338	95%	282	87%	213	30%
Assam	Naibari	26%	3	1%	78%	70%	85%	94%	0	0.0%	8	6%	135	87%	156	100%	81	67%	90	31%
Assam	North Cachar Hills *	25%	2	5%	90%	83%	83%	97%	0	0.0%	1	3%	24	86%	27	96%	11	44%	16	29%
Assam	Sibsagar	25%	16	5%	89%	86%	86%	86%	1	0.5%	27	13%	184	96%	91	47%	91	72%	0	0%
Assam	Sonitpur	14%	34	6%	86%	81%	89%	91%	1	0.2%	39	8%	405	93%	420	97%	263	83%	122	21%
Assam	Tinsukia	20%	45	10%	90%	88%	88%	93%	0	0.0%	25	7%	238	80%	245	83%	190	89%	147	28%
Bihar	Araria **	15%	21	6%	88%	91%	91%	89%	0	0.0%	23	11%	140	81%	169	97%	112	77%	31	8%
Bihar	Arwal	22%	6	4%	97%	80%	89%	88%	15	12.0%	0	0%	80	93%	110	100%	45	87%	84	59%
Bihar	Aurangabad-BI **	21%	34	12%	83%	76%	84%	97%	0	0.0%	6	3%	185	86%	215	100%	126	81%	16	8%
Bihar	Banka **	4%	19	6%	83%	79%	93%	93%	0	0.0%	14	7%	177	95%	180	96%	177	84%	13	33%
Bihar	Begusarai **	19%	84	12%	94%	93%	95%	93%	0	0.0%	27	7%	372	95%	391	100%	311	78%	36	4%
Bihar	Bhagalpur **	18%	122	14%	91%	88%	92%	88%	0	0.0%	62	12%	468	95%	490	100%	312	85%	149	14%
Bihar	Bhojpur **	30%	20	8%	82%	66%	76%	75%	0	0.0%	31	25%	93	78%	119	100%	71	69%	18	5%
Bihar	Buxar	28%	9	5%	94%	88%	90%	100%	0	0.0%	0	0%	135	93%	145	100%	72	88%	0	0%
Bihar	Darbhanga **	23%	115	19%	88%	76%	87%	100%	0	0.0%	1	0%	348	93%	365	97%	286	89%	411	51%
Bihar	Gaya **	24%	54	8%	80%	72%	95%	91%	0	0.0%	27	9%	200	72%	138	72%	0	0%	138	72%
Bihar	Gopalganj **	10%	20	5%	89%	86%	94%	100%	0	0.0%	1	0%	282	92%	305	100%	194	86%	21	10%
Bihar	Jamui **	13%	14	4%	81%	66%	85%	73%	0	0.0%	61	27%	206	98%	92	44%	92	7%	0	0%
Bihar	Jehanabad **	20%	17	7%	86%	81%	87%	90%	0	0.0%	16	10%	121	86%	131	93%	104	84%	8	4%
Bihar	Kaimur **	25%	6	4%	83%	81%	82%	91%	0	0.0%	10	9%	100	94%	104	98%	70	80%	12	5%
Bihar	Katihar **	15%	20	4%	82%	75%	80%	91%	0	0.0%	41	9%	344	84%	411	100%	297	100%	466	82%
Bihar	Khagaria **	19%	23	11%	92%	84%	88%	97%	0	0.0%	4	3%	148	89%	158	95%	98	88%	69	39%
Bihar	Kishanganj **	21%	15	8%	85%	85%	86%	96%	0	0.0%	6	4%	48	91%	5	9%	42	69%	70	82%
Bihar	Lakhisarai **	13%	10	8%	89%	89%	94%	95%	0	0.0%	4	5%	74	94%	79	100%	48	77%	49	31%
Bihar	Madhepura **	23%	8	4%	95%	91%	95%	96%	0	0.0%	7	4%	159	97%	164	100%	93	85%	18	7%
Bihar	Madhubani **	12%	31	5%	88%	83%	89%	93%	0	0.0%	40	7%	470	93%	506	100%	262	71%	18	100%
Bihar	Munger **	17%	22	7%	91%	85%	91%	100%	0	0.0%	1	0%	204	94%	217	100%	101	65%	96	26%
Bihar	Muzaffarpur **	23%	34	3%	88%	71%	85%	91%	0	0.0%	41	9%	0	0%	0	0%	0	0%	0	0%
Bihar	Nalanda **	9%	24	5%	90%	85%	92%	95%	0	0.0%	14	5%	256	91%	271	97%	148	84%	54	11%
Bihar	Nawada **	20%	15	7%	94%	90%	92%	93%	0	0.0%	14	7%	188	99%	121	64%	121	74%	0	0%
Bihar	Pashchim Champaran **	13%	32	6%	94%	87%	92%	94%	0	0.0%	27	6%	407	94%	376	87%	264	83%	0	0%
Bihar	Patna	22%	160	13%	89%	82%	91%	86%	0	0.0%	86	14%	439	79%	508	91%	249	65%	71	47%
Bihar	Purba Champaran **	11%	19	4%	91%	93%	96%	95%	0	0.0%	17	5%	241	79%	305	99%	241	69%	11	29%
Bihar	Purnia **	16%	37	5%	87%	82%	92%	96%	0	0.0%	25	4%	476	89%	534	100%	339	78%	720	90%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Popu- lation (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualize d total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)		% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registere d for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment
Bihar	Rohtas	28	3253	116	372	11%	508	72	293	42	56%	76%	92	19	5%	104	54
Bihar	Saharsa **	17	2195	127	202	9%	470	109	162	37	50%	39%	251	15	3%	38	11
Bihar	Samastipur **	39	3736	95	611	16%	1105	113	474	48	64%	56%	365	86	9%	180	100
Bihar	Saran **	37	2076	56	266	13%	525	56	198	21	28%	57%	149	61	15%	117	57
Bihar	Sheikpura	6	793	131	60	8%	178	118	47	31	42%	35%	86	2	1%	43	4
Bihar	Sheohar	6	523	88	71	14%	134	91	54	37	49%	56%	42	6	6%	32	14
Bihar	Sitamarhi **	31	3145	102	476	15%	823	107	394	51	68%	59%	277	53	7%	99	52
Bihar	Siwan	31	3564	114	477	13%	820	105	361	46	62%	63%	211	12	2%	236	69
Bihar	Supaul **	20	1482	74	101	7%	250	50	82	16	22%	46%	98	5	3%	65	16
Bihar	Vaishali **	31	3266	105	310	9%	767	98	241	31	41%	41%	344	39	6%	143	59
Chandigarh	Chandigarh	11	3471	319	378	11%	548	201	185	68	72%	64%	102	149	34%	112	77
Chhatisgarh	Bastar *	15	1428	95	157	11%	371	99	123	33	41%	46%	142	57	18%	48	24
Chhatisgarh	Bilaspur-CG	23	2685	117	308	11%	688	119	244	42	53%	49%	259	109	18%	76	53
Chhatisgarh	Dantewada *	8	847	102	118	14%	196	94	94	45	57%	59%	65	16	9%	21	16
Chhatisgarh	Dhamtari	8	921	113	82	9%	172	85	63	31	39%	49%	65	26	17%	18	13
Chhatisgarh	Durg	32	4211	130	402	10%	883	109	335	41	52%	50%	331	168	20%	49	37
Chhatisgarh	Janjgir	15	1682	111	155	9%	413	109	144	38	47%	42%	197	39	10%	33	27
Chhatisgarh	Jashpur *	9	517	60	57	11%	147	69	43	20	25%	34%	84	2	2%	18	3
Chhatisgarh	Kanker *	8	1027	136	127	12%	247	131	110	58	73%	54%	95	19	8%	23	14
Chhatisgarh	Kawardha **	7	360	53	41	11%	91	54	28	17	21%	39%	44	5	6%	14	12
Chhatisgarh	Korba	12	1509	129	184	12%	413	141	166	57	71%	57%	125	88	23%	34	20
Chhatisgarh	Koriya **	7	619	91	56	9%	146	86	42	25	31%	43%	55	30	24%	19	10
Chhatisgarh	Mahasamund	10	740	74	80	11%	234	94	72	29	36%	38%	117	30	14%	15	7
Chhatisgarh	Raigarh-CG **	15	1119	77	202	18%	431	118	158	43	54%	44%	200	31	8%	42	28
Chhatisgarh	Raipur	35	4693	135	533	11%	1103	127	429	49	62%	52%	395	164	17%	115	89
Chhatisgarh	Rajnandgaon	15	1829	123	246	13%	480	130	207	56	70%	58%	148	59	14%	65	34
Chhatisgarh	Surguja †	23	2224	98	274	12%	623	109	235	41	52%	49%	241	46	9%	101	38
D & N Haveli	Dadra & Nagar Haveli †	3	415	153	63	15%	100	148	35	52	65%	55%	29	17	21%	19	12
Daman & Diu	Daman	1	309	222	25	8%	58	167	18	52	65%	58%	13	9	23%	18	7
Daman & Diu	Diu	1	191	355	7	4%	6	45	3	22	28%	75%	1	1	20%	1	0
Delhi	BJRM Chest Clinic	5	1190	230	120	10%	271	209	82	63	67%	56%	64	54	27%	69	37
Delhi	BSA Chest Clinic	5	642	124	76	12%	250	193	53	41	43%	44%	68	72	37%	57	27
Delhi	CD Chest Clinic	5	859	166	89	10%	172	133	32	25	26%	46%	37	62	47%	41	24
Delhi	DDU Chest Clinic	20	3111	158	355	11%	958	195	249	51	53%	58%	177	321	43%	211	121
Delhi	GTB Chest Clinic	6	2397	386	267	11%	452	291	130	84	88%	70%	55	138	43%	129	70
Delhi	Gulabi Bagh	10	1661	160	198	12%	382	148	111	43	45%	61%	71	104	36%	96	70
Delhi	Hedgewar C Clinic	5	872	168	102	12%	188	145	64	49	52%	78%	18	70	46%	36	20
Delhi	Jhandewalan	5	840	162	121	14%	299	231	74	57	60%	59%	51	74	37%	97	47
Delhi	Karawal Nagar	6	1260	203	222	18%	552	355	148	95	100%	64%	83	189	45%	132	78
Delhi	Kingsway	5	1161	224	146	13%	384	297	100	77	81%	47%	112	96	31%	72	50
Delhi	LN Chest Clinic	5	1682	325	170	10%	196	151	62	48	50%	68%	29	60	40%	45	24
Delhi	LRS	10	1966	190	204	10%	404	156	125	48	51%	76%	40	128	43%	108	72

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Bihar	Rohtas	16%	20	5%	91%	88%	92%	93%	0	0.0%	24	7%	325	94%	347	100%	212	91%	46	6%
Bihar	Saharsa **	6%	15	3%	93%	72%	91%	91%	0	0.0%	17	9%	148	86%	173	100%	187	80%	230	49%
Bihar	Samastipur **	17%	91	10%	90%	84%	93%	97%	2	0.3%	17	3%	502	87%	574	100%	335	76%	7	1%
Bihar	Saran **	22%	27	7%	74%	66%	79%	96%	0	0.0%	11	4%	217	85%	255	100%	124	88%	53	10%
Bihar	Sheikpura	8%	6	4%	74%	74%	79%	95%	0	0.0%	3	5%	47	100%	47	100%	18	38%	43	74%
Bihar	Sheohar	21%	3	3%	88%	61%	91%	85%	0	0.0%	11	15%	44	65%	68	100%	20	74%	115	86%
Bihar	Sitamarhi **	12%	62	9%	82%	78%	82%	92%	1	0.2%	37	8%	374	84%	443	99%	202	68%	41	9%
Bihar	Siwan	16%	23	4%	81%	72%	95%	90%	0	0.0%	47	10%	392	91%	428	100%	265	66%	161	20%
Bihar	Supaul **	16%	10	5%	89%	65%	88%	100%	0	0.0%	0	0%	79	78%	101	100%	38	59%	250	100%
Bihar	Vaishali **	20%	38	6%	87%	83%	89%	98%	0	0.0%	5	2%	195	90%	241	100%	77	75%	5	8%
Chandigarh	Chandigarh	29%	41	9%	89%	92%	92%	96%	2	0.8%	9	4%	214	82%	257	98%	198	91%	0	0%
Chhatisgarh	Bastar *	16%	31	10%	77%	53%	63%	90%	0	0.0%	14	10%	136	93%	141	96%	79	90%	228	61%
Chhatisgarh	Bilaspur-CG	18%	35	6%	93%	87%	91%	91%	0	0.0%	28	9%	246	83%	297	100%	174	73%	362	53%
Chhatisgarh	Dantewada *	15%	8	5%	74%	78%	83%	93%	0	0.0%	8	7%	82	75%	88	80%	37	54%	39	20%
Chhatisgarh	Dhamtari	17%	8	5%	90%	86%	86%	95%	0	0.0%	4	5%	66	87%	76	100%	76	81%	121	70%
Chhatisgarh	Durg	10%	39	5%	88%	82%	82%	92%	5	1.3%	24	6%	333	90%	370	99%	193	67%	161	18%
Chhatisgarh	Janjgir	16%	8	2%	92%	86%	92%	99%	0	0.0%	2	1%	156	91%	171	100%	105	78%	309	75%
Chhatisgarh	Jashpur *	7%	0	0%	79%	70%	90%	81%	0	0.0%	11	19%	35	76%	40	87%	15	42%	15	33%
Chhatisgarh	Kanker *	11%	6	3%	95%	87%	88%	90%	1	0.8%	11	9%	109	88%	124	100%	69	73%	93	38%
Chhatisgarh	Kawardha **	30%	2	3%	89%	65%	93%	100%	0	0.0%	0	0%	26	65%	38	95%	25	89%	55	60%
Chhatisgarh	Korba	11%	8	2%	92%	89%	95%	87%	0	0.0%	24	13%	170	91%	186	100%	120	85%	200	48%
Chhatisgarh	Koriya **	19%	5	4%	91%	75%	88%	89%	1	1.8%	5	9%	43	83%	52	100%	39	83%	63	43%
Chhatisgarh	Mahasamund	9%	15	7%	90%	82%	82%	99%	0	0.0%	1	1%	75	95%	79	100%	47	69%	198	85%
Chhatisgarh	Raigarh-CG **	15%	15	4%	85%	77%	90%	100%	0	0.0%	0	0%	148	80%	186	100%	92	81%	15	3%
Chhatisgarh	Raipur	17%	72	7%	93%	87%	89%	97%	0	0.0%	17	3%	484	93%	518	100%	240	64%	808	73%
Chhatisgarh	Rajnandgaon	14%	37	9%	90%	86%	91%	99%	0	0.0%	3	1%	228	95%	241	100%	124	69%	187	39%
Chhatisgarh	Surguja †	14%	30	6%	93%	89%	91%	82%	0	0.0%	47	18%	233	85%	273	100%	142	87%	325	54%
D & N Haveli	Dadra & Nagar Haveli †	26%	16	20%	89%	87%	87%	92%	0	0.0%	4	8%	44	94%	47	100%	42	95%	5	3%
Daman & Diu	Daman	28%	3	8%	100%	58%	75%	100%	0	0.0%	0	0%	25	100%	25	100%	8	100%	2	3%
Daman & Diu	Diu	0%	0	0%	100%	50%	50%	100%	0	0.0%	0	0%	3	100%	3	100%	1	100%	0	0%
Delhi	BJRM Chest Clinic	31%	21	10%	92%	91%	91%	92%	0	0.0%	9	8%	110	92%	119	100%	95	100%	66	24%
Delhi	BSA Chest Clinic	34%	22	11%	83%	92%	92%	93%	0	0.0%	5	7%	73	91%	80	100%	66	100%	2	1%
Delhi	CD Chest Clinic	43%	19	15%	93%	92%	92%	95%	0	0.0%	3	5%	52	93%	56	100%	45	98%	0	0%
Delhi	DDU Chest Clinic	33%	90	12%	92%	86%	87%	92%	1	0.3%	26	8%	328	89%	370	100%	335	100%	70	7%
Delhi	GTB Chest Clinic	35%	46	14%	86%	83%	83%	90%	6	3.2%	12	6%	182	91%	200	100%	142	93%	42	9%
Delhi	Gulabi Bagh	39%	25	9%	85%	89%	89%	79%	9	5.2%	27	16%	103	93%	111	100%	94	100%	0	0%
Delhi	Hedgewar C Clinic	24%	15	10%	88%	80%	80%	98%	0	0.0%	2	2%	80	95%	84	100%	78	93%	0	0%
Delhi	Jhandewalan	39%	18	9%	93%	86%	86%	88%	6	5.8%	6	6%	107	88%	121	100%	110	100%	11	4%
Delhi	Karawal Nagar	35%	62	15%	88%	84%	84%	86%	0	0.0%	28	14%	220	97%	226	100%	169	97%	0	0%
Delhi	Kingsway	33%	32	10%	89%	86%	86%	93%	1	0.8%	8	6%	146	95%	151	99%	141	96%	15	4%
Delhi	LN Chest Clinic	28%	14	9%	85%	81%	81%	88%	2	2.2%	9	10%	58	94%	62	100%	50	100%	38	100%
Delhi	LRS	37%	41	14%	90%	90%	90%	99%	0	0.0%	2	1%	178	90%	197	100%	154	100%	2	0%



**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Delhi	MNCH Chest Clinic	10	1535	148	211	14%	845	326	225	87	91%	58%	160	249	39%	211	125
Delhi	Moti Nagar	6	2106	339	200	9%	345	222	91	59	62%	60%	60	114	43%	80	48
Delhi	Narela	6	1696	273	200	12%	371	239	93	60	63%	53%	81	84	33%	113	53
Delhi	NDMC	8	3634	439	484	13%	356	172	93	45	47%	64%	53	116	44%	94	51
Delhi	Nehru Nagar	10	2764	267	340	12%	803	310	240	93	98%	65%	130	213	36%	211	129
Delhi	Patparganj	7	2336	322	308	13%	583	322	165	91	96%	61%	105	188	41%	125	81
Delhi	RK Mission	6	1524	245	188	12%	349	225	103	66	70%	50%	102	69	25%	75	49
Delhi	RTRM Chest Clinic	10	2223	215	258	12%	484	187	135	52	55%	59%	95	118	34%	136	99
Delhi	SGM Chest Clinic	6	2138	344	227	11%	579	373	121	78	82%	40%	178	142	32%	138	83
Delhi	Shahdra	5	1977	382	255	13%	469	362	114	88	93%	57%	85	158	44%	112	70
Delhi	SPM Marg	5	814	157	122	15%	203	157	66	51	54%	76%	21	55	39%	61	40
Delhi	SPMH Chest Clinic	5	1225	237	196	16%	450	348	117	90	95%	66%	59	144	45%	130	83
Goa	North Goa	9	2357	250	194	8%	250	106	100	42	53%	71%	40	68	33%	42	28
Goa	South Goa	7	994	136	114	11%	231	126	80	44	55%	68%	37	69	37%	45	29
Gujarat	Ahmadabad	15	2569	166	371	14%	499	129	200	52	65%	81%	46	80	24%	166	110
Gujarat	AMC	50	8369	167	1311	16%	2062	164	704	56	70%	76%	222	505	35%	630	390
Gujarat	Amreli	16	3406	216	358	11%	409	104	223	57	71%	88%	30	38	13%	118	100
Gujarat	Anand	21	3277	156	512	16%	790	151	325	62	77%	71%	132	86	16%	247	181
Gujarat	Banas Kantha	28	4240	150	676	16%	940	133	406	57	72%	73%	149	63	10%	322	216
Gujarat	Bharuch	15	2471	160	388	16%	506	131	262	68	85%	76%	85	48	12%	111	88
Gujarat	Bhavnagar	28	4629	166	547	12%	786	113	394	56	71%	84%	76	117	20%	199	146
Gujarat	Chhota Udepur	10	1576	153	220	14%	343	133	170	66	83%	74%	61	14	6%	98	75
Gujarat	Dahod *	18	4904	265	554	11%	800	173	318	69	86%	63%	186	64	11%	232	221
Gujarat	Gandhinagar	15	2680	178	328	12%	437	116	212	56	70%	88%	29	57	19%	137	94
Gujarat	Jamnagar	22	3905	181	415	11%	648	120	289	53	67%	86%	49	137	29%	173	131
Gujarat	Junagadh	28	4752	172	516	11%	703	102	394	57	71%	84%	74	43	8%	192	123
Gujarat	Kachchh	17	2564	149	344	13%	402	93	215	50	62%	90%	23	48	17%	116	92
Gujarat	Kheda	23	3718	163	571	15%	794	139	353	62	77%	75%	117	70	13%	254	199
Gujarat	Mahesana	21	4397	212	467	11%	596	115	300	58	72%	81%	71	56	13%	169	116
Gujarat	Narmada	6	1471	253	162	11%	197	136	101	70	87%	78%	29	19	13%	48	37
Gujarat	Navsari	14	3135	226	314	10%	412	119	204	59	73%	78%	58	49	16%	101	77
Gujarat	Panch Mahals	23	3926	172	670	17%	856	150	397	69	87%	76%	122	47	8%	290	242
Gujarat	Patan	13	2756	206	318	12%	404	121	194	58	73%	81%	46	39	14%	125	91
Gujarat	Porbandar	6	977	161	108	11%	178	117	86	57	71%	63%	50	15	10%	27	13
Gujarat	Rajkot	36	7043	197	723	10%	973	109	503	56	70%	83%	100	141	19%	229	151
Gujarat	Sabar Kantha	24	3861	164	652	17%	957	163	343	58	73%	61%	218	68	11%	328	226
Gujarat	Surat	17	3685	215	629	17%	590	138	284	66	83%	85%	52	98	23%	156	116
Gujarat	Surat Municipal Corp	28	5789	210	658	11%	1314	191	468	68	85%	74%	161	336	35%	349	220
Gujarat	Surendranagar	17	3385	198	433	13%	517	121	241	56	70%	81%	55	95	24%	126	96
Gujarat	The Dangs *	2	379	180	42	11%	46	87	30	57	71%	86%	5	4	10%	7	7
Gujarat	Vadodara	16	2986	186	391	13%	454	113	197	49	61%	79%	52	44	15%	161	115
Gujarat	Vadodara Corp	15	2231	151	405	18%	473	128	223	60	76%	83%	46	62	19%	142	94
Gujarat	Valsad *	16	2848	179	298	10%	462	116	230	58	72%	82%	49	67	19%	116	74
Gujarat	Vyara(Surat)	12	1635	138	219	13%	343	116	159	54	67%	72%	61	43	16%	80	57
Haryana	Ambala	12	2726	235	254	9%	345	119	120	41	44%	62%	73	41	18%	111	77

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Delhi	MNCH Chest Clinic	36%	69	11%	87%	84%	84%	92%	0	0.0%	15	8%	350	100%	308	88%	247	100%	0	0%
Delhi	Moti Nagar	35%	37	14%	89%	89%	89%	86%	3	1.9%	19	12%	134	96%	139	100%	110	98%	48	14%
Delhi	Narela	36%	43	17%	82%	86%	88%	88%	6	4.2%	12	8%	138	95%	140	96%	88	79%	15	4%
Delhi	NDMC	35%	29	11%	92%	92%	92%	88%	1	0.6%	18	11%	107	75%	144	100%	105	100%	0	0%
Delhi	Nehru Nagar	35%	63	11%	84%	87%	87%	94%	1	0.3%	19	6%	324	88%	369	100%	276	100%	0	0%
Delhi	Patparganj	33%	67	15%	94%	90%	90%	92%	11	4.6%	8	3%	182	74%	246	100%	184	100%	0	0%
Delhi	RK Mission	32%	32	12%	93%	86%	86%	95%	3	1.9%	5	3%	145	95%	152	100%	143	100%	5	1%
Delhi	RTRM Chest Clinic	42%	37	11%	90%	90%	90%	94%	1	0.5%	12	6%	133	99%	134	99%	137	100%	45	9%
Delhi	SGM Chest Clinic	41%	60	14%	90%	88%	88%	96%	0	0.0%	8	4%	188	92%	204	100%	169	100%	0	0%
Delhi	Shahadra	38%	58	16%	83%	80%	80%	92%	5	2.8%	10	6%	181	98%	184	100%	153	100%	65	14%
Delhi	SPM Marg	38%	16	11%	84%	88%	88%	92%	0	0.0%	8	8%	104	98%	106	100%	94	98%	9	4%
Delhi	SPMH Chest Clinic	42%	46	14%	91%	86%	87%	91%	1	0.6%	15	8%	143	72%	200	100%	104	100%	40	9%
Goa	North Goa	22%	11	5%	92%	85%	86%	90%	2	1.3%	14	9%	114	89%	124	97%	87	93%	33	13%
Goa	South Goa	27%	19	10%	94%	87%	87%	93%	3	2.8%	5	5%	95	87%	104	95%	74	94%	67	29%
Gujarat	Ahmadabad	35%	21	6%	89%	77%	77%	89%	1	0.4%	26	11%	258	83%	306	99%	188	80%	413	83%
Gujarat	AMC	36%	161	11%	88%	87%	87%	89%	51	4.3%	78	7%	1035	95%	1093	100%	857	97%	556	27%
Gujarat	Amreli	31%	10	3%	92%	89%	89%	94%	0	0.0%	19	6%	300	93%	320	99%	222	90%	129	32%
Gujarat	Anand	36%	30	6%	93%	87%	87%	89%	3	0.6%	46	10%	466	92%	484	96%	349	87%	324	41%
Gujarat	Banas Kantha	35%	24	4%	93%	88%	88%	95%	7	1.1%	24	4%	545	88%	610	98%	403	75%	638	68%
Gujarat	Bharuch	25%	22	6%	93%	89%	89%	97%	1	0.3%	10	3%	304	87%	350	100%	324	87%	315	62%
Gujarat	Bhavnagar	27%	40	7%	92%	88%	88%	94%	6	1.2%	23	4%	516	96%	539	100%	437	94%	478	61%
Gujarat	Chhota Udepur	31%	12	5%	94%	92%	93%	96%	2	0.9%	7	3%	198	81%	245	100%	148	83%	252	73%
Gujarat	Dahod *	41%	82	14%	95%	90%	90%	96%	3	0.6%	20	4%	476	88%	539	100%	450	91%	458	57%
Gujarat	Gandhinagar	31%	25	8%	92%	87%	87%	97%	0	0.0%	8	3%	282	92%	301	98%	232	96%	222	51%
Gujarat	Jamnagar	31%	61	13%	92%	87%	87%	94%	1	0.2%	23	6%	393	94%	408	97%	265	84%	346	53%
Gujarat	Junagadh	24%	23	5%	93%	86%	86%	96%	1	0.2%	18	4%	490	95%	517	100%	359	86%	318	45%
Gujarat	Kachchh	30%	8	3%	87%	86%	86%	95%	0	0.0%	18	5%	289	94%	290	94%	224	83%	186	46%
Gujarat	Kheda	36%	23	4%	91%	87%	87%	91%	5	0.9%	45	8%	490	89%	503	91%	360	82%	524	66%
Gujarat	Mahesana	28%	20	5%	91%	87%	87%	93%	5	1.1%	25	6%	356	86%	412	99%	315	88%	174	29%
Gujarat	Narmada	27%	10	7%	98%			97%	0	0.0%	5	3%	123	89%	138	100%	0	0%	157	80%
Gujarat	Navsari	27%	19	6%	91%	88%	88%	92%	8	2.7%	17	6%	261	93%	280	100%	226	94%	277	67%
Gujarat	Panch Mahals	38%	20	4%	95%	91%	91%	93%	0	0.0%	44	7%	593	93%	636	100%	591	93%	481	56%
Gujarat	Patan	32%	12	4%	92%	87%	87%	87%	6	2.2%	31	11%	246	86%	278	98%	201	87%	174	43%
Gujarat	Porbandar	13%	25	17%	93%	94%	94%	99%	0	0.0%	1	1%	95	96%	99	100%	90	94%	27	15%
Gujarat	Rajkot	23%	47	6%	91%	87%	87%	96%	7	1.1%	20	3%	614	94%	654	100%	479	91%	646	66%
Gujarat	Sabar Kantha	40%	27	4%	91%	86%	90%	92%	0	0.0%	46	8%	446	78%	504	89%	341	74%	599	63%
Gujarat	Surat	29%	18	4%	93%	89%	89%	92%	2	0.5%	31	8%	363	91%	394	99%	290	90%	404	68%
Gujarat	Surat Municipal Corp	32%	91	9%	91%	86%	86%	94%	13	2.2%	24	4%	637	93%	688	100%	502	96%	344	26%
Gujarat	Surendranagar	28%	28	7%	91%	87%	87%	94%	7	2.1%	12	4%	302	90%	335	99%	240	84%	210	41%
Gujarat	The Dangs *	19%	0	0%	90%	87%	90%	90%	4	9.8%	0	0%	35	95%	37	100%	21	75%	29	63%
Gujarat	Vadodara	37%	8	3%	93%	87%	87%	96%	0	0.0%	10	4%	290	93%	301	96%	229	89%	251	55%
Gujarat	Vadodara Corp	30%	31	9%	93%	89%	89%	93%	4	1.4%	15	5%	270	85%	315	99%	222	93%	94	20%
Gujarat	Valsad *	24%	33	10%	93%	88%	88%	97%	1	0.3%	7	2%	253	83%	303	100%	189	83%	256	55%
Gujarat	Vyara(Surat)	26%	20	8%	92%	92%	92%	93%	6	2.8%	9	4%	191	88%	212	98%	121	80%	288	84%
Haryana	Ambala	39%	15	6%	92%	87%	88%	98%	0	0.0%	4	2%	175	89%	188	95%	112	90%	0	0%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Haryana	Bhiwani	16	1914	117	299	16%	444	109	205	50	53%	82%	45	53	17%	141	128
Haryana	Faridabad	14	2697	193	237	9%	731	209	164	47	49%	43%	218	181	32%	168	92
Haryana	Fatehabad	9	1617	175	208	13%	319	138	114	49	52%	61%	73	26	12%	106	86
Haryana	Gurgaon	11	2396	211	296	12%	480	169	161	57	60%	73%	59	125	36%	135	105
Haryana	Hisar	18	2691	153	399	15%	483	110	203	46	49%	70%	85	52	15%	143	123
Haryana	Jhajjar	10	1039	102	175	17%	384	151	152	60	63%	67%	76	59	21%	97	78
Haryana	Jind	14	2023	149	215	11%	365	107	122	36	38%	59%	84	48	19%	111	92
Haryana	Kaithal **	11	1304	120	160	12%	291	108	112	41	44%	70%	48	48	23%	83	74
Haryana	Karnal	15	2448	168	294	12%	498	137	162	44	47%	55%	133	61	17%	142	105
Haryana	Kurukshetra	9	1855	196	246	13%	285	120	130	55	58%	75%	43	40	19%	72	57
Haryana	Mahendragarh	9	1343	145	175	13%	293	126	89	38	40%	59%	62	45	23%	97	71
Haryana	Mewat**	8	917	120	203	22%	357	187	88	46	48%	52%	81	45	21%	143	101
Haryana	Palwal	11	1540	139	177	11%	369	133	98	35	37%	44%	127	37	14%	107	68
Haryana	Panchkula	5	1615	301	177	11%	247	184	108	80	85%	82%	24	57	30%	58	48
Haryana	Panipat	11	1969	178	200	10%	526	190	132	48	50%	42%	184	76	19%	134	73
Haryana	Rewari	9	1733	198	145	8%	353	161	85	39	41%	47%	96	71	28%	101	61
Haryana	Rohtak	11	3590	334	529	15%	416	155	165	61	65%	75%	55	76	26%	120	93
Haryana	Sirsa	13	2093	165	253	12%	412	130	165	52	55%	77%	48	51	19%	148	125
Haryana	Sonipat	15	2218	152	320	14%	639	175	233	64	67%	62%	143	77	17%	186	117
Haryana	Yamunanagar	11	1646	146	190	12%	306	109	119	42	45%	68%	55	62	26%	70	61
Himachal Pradesh	Bilaspur-HP	4	748	202	102	14%	154	166	63	68	72%	74%	22	19	18%	50	47
Himachal Pradesh	Chamba	5	733	146	98	13%	212	169	71	57	60%	75%	24	46	33%	71	50
Himachal Pradesh	Hamirpur-HP **	4	1186	265	92	8%	151	135	60	54	56%	66%	31	39	30%	21	18
Himachal Pradesh	Kangra	15	2629	181	293	11%	485	133	162	45	47%	60%	107	116	30%	100	78
Himachal Pradesh	Kinnaur *	1	268	294	27	10%	38	166	16	70	74%	67%	8	5	17%	8	7
Himachal Pradesh	Kullu	4	1095	265	151	14%	261	253	95	92	97%	67%	46	44	24%	75	45
Himachal Pradesh	Lahul & Spiti *	0.4	77	213	4	5%	31	343	3	33	35%	21%	11	16	53%	1	0
Himachal Pradesh	Mandi	10	2093	214	192	9%	392	160	123	50	53%	62%	76	83	29%	110	95
Himachal Pradesh	Shimla	8	2348	299	291	12%	379	193	135	69	72%	67%	66	94	32%	84	56
Himachal Pradesh	Sirmaur	5	924	185	96	10%	205	164	72	58	61%	70%	31	54	34%	48	34
Himachal Pradesh	Solan	5	1882	346	208	11%	285	210	94	69	73%	55%	77	45	21%	69	44
Himachal Pradesh	Una	5	798	164	78	10%	124	102	56	46	48%	77%	17	25	26%	26	23
Jammu & Kashmir	Anantanag	15	1963	132	169	9%	207	56	155	42	44%	95%	9	21	11%	22	19
Jammu & Kashmir	Badgam	8	1257	167	102	8%	129	68	100	53	56%	92%	9	12	10%	8	7
Jammu & Kashmir	Baramulla	15	1688	114	163	10%	193	52	134	36	38%	92%	12	26	15%	21	20
Jammu & Kashmir	Doda	9	1078	123	84	8%	167	76	48	22	23%	62%	30	49	39%	40	34
Jammu & Kashmir	Jammu	20	3425	172	427	12%	625	125	234	47	49%	64%	133	112	23%	144	114
Jammu & Kashmir	Kargil *	1	259	177	5	2%	30	82	5	14	14%	23%	17	7	24%	1	0
Jammu & Kashmir	Kathua	7	1126	163	144	13%	290	168	99	57	60%	57%	74	43	20%	74	52
Jammu & Kashmir	Kupwara	8	1322	163	114	9%	180	89	120	59	62%	85%	21	25	15%	14	11
Jammu & Kashmir	Leh *	1	246	165	9	4%	47	126	6	16	17%	35%	11	27	61%	3	3
Jammu & Kashmir	Poonch	5	624	132	67	11%	137	116	57	48	51%	63%	33	30	25%	17	11
Jammu & Kashmir	Pulwama	8	1238	154	113	9%	157	78	105	52	55%	79%	28	18	12%	6	4
Jammu & Kashmir	Rajouri	6	916	151	83	9%	149	98	48	32	33%	61%	31	38	32%	32	32
Jammu & Kashmir	Srinagar	16	2733	174	246	9%	338	86	212	54	57%	91%	21	80	26%	25	18
Jammu & Kashmir	Udhampur	9	1387	148	139	10%	222	95	94	40	42%	78%	27	54	31%	47	40

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Haryana	Bhiwani	38%	18	6%	91%	85%	86%	96%	0	0.0%	10	4%	267	91%	281	96%	173	92%	20	17%
Haryana	Faridabad	36%	56	10%	90%	85%	85%	94%	0	0.0%	12	6%	227	89%	247	96%	139	86%	20	3%
Haryana	Fatehabad	43%	13	6%	90%	87%	89%	94%	0	0.0%	11	6%	181	91%	193	97%	137	90%	96	30%
Haryana	Gurgaon	39%	42	12%	87%	81%	82%	92%	0	0.0%	20	8%	203	76%	232	87%	138	86%	248	52%
Haryana	Hisar	38%	15	4%	91%	85%	86%	95%	0	0.0%	18	5%	295	90%	307	94%	217	81%	95	20%
Haryana	Jhajjar	34%	25	9%	92%	84%	84%	99%	0	0.0%	2	1%	146	96%	152	100%	97	94%	35	9%
Haryana	Jind	43%	18	7%	93%	85%	85%	94%	2	1.0%	11	5%	206	96%	212	99%	193	97%	219	65%
Haryana	Kaithal **	40%	11	5%	91%	89%	89%	90%	0	0.0%	16	10%	177	95%	186	100%	142	93%	58	75%
Haryana	Karnal	39%	23	6%	92%	87%	90%	98%	2	0.7%	3	1%	236	88%	264	99%	221	99%	197	40%
Haryana	Kurukshetra	30%	9	4%	93%	87%	87%	92%	4	1.9%	12	6%	186	99%	185	99%	121	95%	102	36%
Haryana	Mahendragarh	44%	16	8%	90%	85%	85%	93%	0	0.0%	11	7%	145	91%	150	94%	83	84%	42	14%
Haryana	Mewat**	53%	18	8%	91%	87%	87%	86%	0	0.0%	26	14%	115	90%	128	100%	102	87%	59	19%
Haryana	Palwal	41%	22	8%				97%	0	0.0%	5	3%	93	95%	92	94%	0	0%	0	0%
Haryana	Panchkula	31%	17	9%	90%	85%	85%	96%	0	0.0%	6	4%	140	90%	152	97%	63	91%	70	53%
Haryana	Panipat	36%	23	6%	91%	85%	85%	96%	0	0.0%	8	4%	170	83%	205	100%	114	76%	270	51%
Haryana	Rewari	42%	13	5%	93%	87%	89%	99%	0	0.0%	2	1%	138	95%	142	97%	122	94%	142	40%
Haryana	Rohtak	36%	24	8%	90%	86%	86%	95%	0	0.0%	14	5%	231	90%	250	97%	152	77%	0	0%
Haryana	Sirsa	43%	13	5%	85%	77%	77%	95%	1	0.4%	10	4%	249	86%	255	88%	139	83%	164	40%
Haryana	Sonapat	33%	18	4%	92%	88%	88%	93%	0	0.0%	22	7%	313	89%	350	100%	160	83%	40	9%
Haryana	Yamunanagar	34%	11	5%	87%	79%	80%	92%	1	0.5%	13	7%	148	82%	166	92%	74	70%	204	66%
Himachal Pradesh	Bilaspur-HP	43%	2	2%	87%	93%	93%	96%	0	0.0%	4	4%	104	95%	109	99%	83	90%	5	9%
Himachal Pradesh	Chamba	41%	7	5%	93%	84%	86%	97%	3	3.1%	0	0%	121	100%	121	100%	92	76%	1	3%
Himachal Pradesh	Hamirpur-HP **	23%	1	1%	96%	87%	87%	92%	0	0.0%	6	8%	77	99%	71	91%	71	96%	5	4%
Himachal Pradesh	Kangra	33%	28	7%	92%	88%	89%	94%	2	0.8%	13	5%	235	98%	239	100%	29	12%	109	22%
Himachal Pradesh	Kinnaur *	30%	2	7%	73%	88%	88%	92%	0	0.0%	2	8%	23	100%	22	96%	19	100%	1	3%
Himachal Pradesh	Kullu	32%	13	7%	92%	92%	92%	88%	0	0.0%	17	12%	132	94%	139	99%	108	92%	13	5%
Himachal Pradesh	Lahul & Spiti *	0%	6	20%	0%	100%	100%	100%	0	0.0%	0	0%	3	100%	3	100%	3	100%	1	100%
Himachal Pradesh	Mandi	44%	9	3%	93%	90%	93%	92%	0	0.0%	14	8%	206	94%	215	99%	192	96%	33	8%
Himachal Pradesh	Shimla	29%	13	4%	99%	95%	95%	78%	4	1.9%	42	20%	184	96%	191	100%	183	98%	5	1%
Himachal Pradesh	Sirmaur	32%	9	6%	92%	84%	87%	92%	2	2.2%	5	6%	102	94%	110	96%	80	89%	57	27%
Himachal Pradesh	Solan	32%	22	10%	92%	86%	86%	89%	6	4.1%	10	7%	133	96%	138	100%	102	99%	33	20%
Himachal Pradesh	Una	29%	2	2%	92%	91%	91%	97%	0	0.0%	2	3%	77	97%	79	100%	60	100%	21	17%
Jammu & Kashmir	Anantanag	11%	7	4%	92%	92%	94%	100%	0	0.0%	0	0%	169	100%	169	100%	120	100%	29	17%
Jammu & Kashmir	Badgam	7%	8	7%	95%	88%	89%	100%	0	0.0%	0	0%	107	100%	107	100%	92	100%	16	15%
Jammu & Kashmir	Baramula	13%	4	2%	98%	96%	96%	95%	0	0.0%	8	5%	148	96%	154	100%	94	96%	16	7%
Jammu & Kashmir	Doda	41%	8	6%	92%	87%	90%	98%	1	1.2%	1	1%	82	100%	82	100%	83	100%	0	0%
Jammu & Kashmir	Jammu	33%	18	4%	93%	87%	88%	92%	0	0.0%	29	8%	346	99%	348	100%	322	96%	128	29%
Jammu & Kashmir	Kargil *	0%	8	28%	90%	86%	86%	100%	0	0.0%	0	0%	5	100%	5	100%	6	100%	1	20%
Jammu & Kashmir	Kathua	34%	5	2%	93%	87%	88%	100%	0	0.0%	0	0%	146	97%	151	100%	123	100%	0	0%
Jammu & Kashmir	Kupwara	8%	6	4%	94%	96%	96%	100%	0	0.0%	0	0%	131	100%	131	100%	94	100%	0	0%
Jammu & Kashmir	Leh *	33%	1	2%	74%	91%	91%	100%	0	0.0%	0	0%	9	100%	9	100%	10	91%	6	13%
Jammu & Kashmir	Poonch	16%	2	2%	87%	83%	85%	100%	0	0.0%	0	0%	68	100%	68	100%	34	77%	0	0%
Jammu & Kashmir	Pulwama	4%	6	4%	92%	87%	87%	100%	0	0.0%	0	0%	121	100%	121	100%	92	93%	27	18%
Jammu & Kashmir	Rajouri	40%	4	3%	89%	86%	87%	96%	0	0.0%	3	4%	75	94%	77	96%	60	91%	0	0%
Jammu & Kashmir	Srinagar	8%	10	3%	95%	95%	95%	100%	0	0.0%	0	0%	230	100%	230	100%	179	95%	4	100%
Jammu & Kashmir	Udhampur	30%	6	3%	94%	90%	92%	94%	0	0.0%	8	6%	125	93%	134	100%	110	92%	0	0%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Jharkhand	Bokaro	20	2515	125	314	12%	696	139	263	52	70%	54%	220	92	16%	121	58
Jharkhand	Chatra **	9	591	66	110	19%	245	110	142	64	85%	65%	76	7	3%	20	11
Jharkhand	Deoghar **	13	1769	135	221	12%	303	92	177	54	72%	72%	68	15	6%	43	26
Jharkhand	Dhanbad	27	3283	121	472	14%	764	113	381	56	75%	64%	211	46	7%	126	59
Jharkhand	Dumka **	12	1436	115	192	13%	509	163	143	46	61%	34%	272	9	2%	85	32
Jharkhand	Garhwa	12	1228	105	177	14%	406	139	141	48	64%	43%	184	22	6%	59	10
Jharkhand	Giridih **	21	2387	111	364	15%	526	98	286	53	71%	69%	127	21	5%	92	72
Jharkhand	Godda **	12	977	83	174	18%	313	106	132	45	59%	52%	124	8	3%	48	23
Jharkhand	Gumla †	9	814	87	131	16%	230	99	124	53	71%	70%	54	7	4%	39	16
Jharkhand	Hazaribagh **	26	1830	71	232	13%	455	71	196	30	41%	60%	131	46	12%	82	34
Jharkhand	Jamtara **	7	797	108	129	16%	224	122	100	54	72%	66%	52	9	6%	63	27
Jharkhand	Kodarma **	6	539	96	69	13%	97	69	57	40	54%	74%	20	0	0%	20	8
Jharkhand	Lathehar **	7	815	124	95	12%	197	120	74	45	60%	51%	70	11	7%	39	27
Jharkhand	Lohardaga *	4	324	79	49	15%	80	78	27	26	35%	66%	14	19	32%	20	11
Jharkhand	Pakaur **	8	960	121	159	17%	239	121	142	72	96%	72%	55	6	3%	36	19
Jharkhand	Palamu **	17	2598	152	335	13%	647	152	258	60	81%	48%	277	38	7%	74	54
Jharkhand	Pashchimi Singhbhum *	15	1396	95	269	19%	637	173	261	71	95%	48%	288	15	3%	73	35
Jharkhand	Purbi Singhbhum †	22	2414	108	442	18%	738	132	333	60	79%	60%	218	55	9%	130	65
Jharkhand	Ranchi †	31	3793	121	519	14%	974	124	422	54	72%	61%	275	158	18%	119	63
Jharkhand	Sahibganj **	10	1068	102	121	11%	339	129	102	39	52%	38%	170	11	4%	56	21
Jharkhand	Saraikela-Kharsawan **	9	1158	132	130	11%	304	138	127	58	77%	54%	110	30	11%	37	15
Jharkhand	Simdega **	6	552	94	88	16%	121	82	78	53	71%	76%	25	6	6%	12	11
Karnataka	Bagalkot	18	3396	187	323	10%	470	103	189	42	55%	62%	117	73	19%	91	60
Karnataka	Bangalore City	46	12204	266	1641	13%	1636	143	520	45	60%	69%	235	484	39%	397	281
Karnataka	Bangalore Rural	9	1824	201	137	8%	283	125	114	50	67%	67%	55	71	30%	43	36
Karnataka	Bangalore U	26	4239	164	379	9%	1026	159	381	59	79%	74%	136	301	37%	207	149
Karnataka	Belgaum	46	7375	159	644	9%	1180	102	534	46	62%	64%	297	152	15%	196	100
Karnataka	Bellary	22	3918	176	508	13%	654	117	239	43	57%	57%	181	117	22%	117	98
Karnataka	Bidar **	17	2473	150	206	8%	415	101	143	35	46%	56%	113	50	16%	109	82
Karnataka	Bijapur	20	3237	163	278	9%	575	116	154	31	41%	35%	283	35	7%	88	62
Karnataka	Chamarajanagar	11	1943	183	180	9%	363	137	129	49	65%	62%	79	63	23%	91	70
Karnataka	Chikkaballapur	13	1963	157	196	10%	401	128	175	56	75%	66%	92	84	24%	50	34
Karnataka	Chikmagalur	13	2645	211	167	6%	255	81	109	35	46%	69%	50	59	27%	37	30
Karnataka	Chitradurga	17	2889	174	329	11%	551	133	254	61	82%	68%	117	99	21%	81	53
Karnataka	Dakshina Kannada	21	4666	224	334	7%	467	90	203	39	52%	71%	81	89	24%	94	69
Karnataka	Davanagere	20	3727	189	398	11%	524	106	193	39	52%	56%	152	74	18%	105	71
Karnataka	Dharwad	18	3032	172	332	11%	415	94	161	37	49%	75%	55	120	36%	79	65
Karnataka	Gadag	11	2486	233	172	7%	251	94	120	45	60%	71%	48	36	18%	47	36
Karnataka	Gulbarga **	34	4630	135	548	12%	923	107	320	37	50%	57%	237	119	18%	246	153
Karnataka	Hassan	19	4777	252	278	6%	422	89	167	35	47%	70%	71	98	29%	86	58
Karnataka	Haveri	16	3200	202	281	9%	435	110	200	51	67%	70%	85	69	19%	81	63
Karnataka	Kodagu	6	1242	207	82	7%	106	71	48	32	43%	81%	11	28	32%	19	16
Karnataka	Kolar	15	3118	204	282	9%	403	106	168	44	59%	69%	76	98	29%	61	46
Karnataka	Koppal	13	1964	150	287	15%	403	123	194	59	79%	73%	73	40	13%	95	71
Karnataka	Mandya	19	4692	242	306	7%	505	104	220	45	61%	76%	71	107	27%	107	74

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
			No (%)	%					No (%)	%	No (%)	%	No (%)	%	No (%)	%	No (%)	%	No (%)	%
Jharkhand	Bokaro	18%	35	6%	93%	88%	90%	94%	0	0.0%	20	6%	301	94%	321	100%	224	83%	518	75%
Jharkhand	Chatra **	7%	10	4%	90%	83%	83%	99%	0	0.0%	1	1%	100	92%	109	100%	84	84%	25	15%
Jharkhand	Deochar **	13%	9	3%	96%	94%	94%	100%	0	0.0%	1	0%	160	90%	177	100%	129	85%	204	67%
Jharkhand	Dhanbad	13%	48	8%	93%	87%	88%	97%	0	0.0%	15	3%	393	86%	444	97%	286	78%	361	44%
Jharkhand	Dumka **	18%	7	2%	95%	90%	92%	95%	0	0.0%	9	5%	156	89%	175	100%	166	78%	479	94%
Jharkhand	Garhwa	7%	24	7%	97%	93%	97%	100%	0	0.0%	0	0%	151	100%	151	100%	120	79%	0	0%
Jharkhand	Giridih **	20%	29	7%	91%	86%	93%	98%	0	0.0%	6	2%	305	85%	358	100%	217	82%	329	63%
Jharkhand	Godda **	15%	14	5%	82%	68%	87%	93%	12	6.9%	0	0%	136	88%	155	100%	46	55%	162	66%
Jharkhand	Gumla †	11%	6	3%	94%	85%	93%	95%	0	0.0%	7	5%	117	84%	140	100%	71	72%	118	51%
Jharkhand	Hazaribagh **	15%	39	10%	78%	71%	86%	100%	0	0.0%	0	0%	221	96%	230	100%	141	63%	350	77%
Jharkhand	Jamtara **	21%	6	4%	93%	89%	89%	99%	0	0.0%	1	1%	115	91%	127	100%	99	83%	111	50%
Jharkhand	Kodarma **	12%	3	4%	90%	82%	84%	100%	0	0.0%	0	0%	55	96%	57	100%	45	90%	40	41%
Jharkhand	Lathehar **	27%	17	11%	91%	89%	90%	98%	0	0.0%	2	2%	62	84%	71	96%	60	69%	1	1%
Jharkhand	Lohardaga *	29%	5	8%	91%	93%	93%	78%	0	0.0%	11	22%	34	89%	36	95%	31	70%	80	100%
Jharkhand	Pakaur **	12%	1	0%	93%	89%	91%	97%	0	0.0%	4	3%	97	90%	161	100%	62	57%	203	85%
Jharkhand	Palamu **	17%	55	10%	96%	93%	93%	99%	0	0.0%	3	1%	288	92%	312	100%	252	89%	107	17%
Jharkhand	Pashchimi Singhbhum *	12%	16	3%	95%	88%	89%	85%	0	0.0%	40	15%	216	73%	292	99%	117	63%	370	58%
Jharkhand	Purbi Singhbhum †	16%	32	5%	91%	87%	90%	96%	0	0.0%	19	4%	359	90%	393	99%	277	84%	219	30%
Jharkhand	Ranchi †	13%	114	13%	92%	88%	91%	93%	1	0.2%	31	6%	355	73%	485	100%	323	82%	182	19%
Jharkhand	Sahibganj **	17%	20	7%	86%	84%	95%	91%	0	0.0%	10	9%	88	72%	123	100%	24	21%	128	38%
Jharkhand	Saraikela-Kharsawan **	11%	9	3%	94%	86%	92%	93%	0	0.0%	9	7%	116	82%	142	100%	73	65%	118	39%
Jharkhand	Simdega **	12%	1	1%	89%	89%	89%	92%	0	0.0%	7	8%	68	76%	87	98%	33	49%	87	72%
Karnataka	Bagalkot	24%	18	5%	79%	74%	77%	85%	1	0.3%	43	14%	186	75%	245	98%	131	82%	14	3%
Karnataka	Bangalore City	35%	96	8%	87%	76%	80%	94%	2	0.2%	62	5%	704	88%	801	100%	329	87%	338	20%
Karnataka	Bangalore Rural	24%	16	7%	92%	83%	85%	92%	7	5.3%	4	3%	134	89%	140	93%	83	82%	175	62%
Karnataka	Bangalore U	28%	59	7%	88%	82%	84%	95%	2	0.6%	13	4%	458	86%	530	100%	265	83%	780	76%
Karnataka	Belgaum	16%	88	9%	92%	85%	85%	94%	1	0.2%	38	6%	579	91%	619	98%	349	83%	362	31%
Karnataka	Bellary	29%	29	5%	87%	82%	85%	83%	0	0.0%	73	17%	257	76%	282	84%	161	69%	226	35%
Karnataka	Bidar **	36%	21	7%	86%	79%	83%	95%	1	0.5%	10	5%	197	88%	199	88%	95	83%	0	0%
Karnataka	Bijapur	29%	54	11%	72%	55%	69%	90%	0	0.0%	27	10%	157	73%	189	88%	45	45%	0	0%
Karnataka	Chamarajanagar	35%	11	4%	85%	84%	85%	94%	2	1.2%	9	5%	172	86%	188	94%	120	88%	199	55%
Karnataka	Chikkaballapur	16%	10	3%	90%	82%	83%	93%	0	0.0%	13	7%	168	80%	203	97%	77	59%	191	48%
Karnataka	Chikmagalur	22%	9	4%	85%	85%	89%	96%	1	0.7%	5	3%	119	86%	135	97%	87	72%	0	0%
Karnataka	Chitradurga	17%	23	5%	91%	82%	84%	94%	2	0.6%	17	5%	242	79%	287	93%	179	72%	0	0%
Karnataka	Dakshina Kannada	25%	20	5%	87%	78%	79%	86%	6	2.1%	34	12%	247	91%	255	94%	151	76%	237	51%
Karnataka	Davanagere	27%	21	5%	88%	82%	82%	85%	2	0.6%	47	14%	214	81%	256	97%	131	69%	222	42%
Karnataka	Dharwad	29%	19	6%	88%	80%	82%	90%	3	1.1%	24	9%	191	85%	223	99%	113	68%	153	37%
Karnataka	Gadag	23%	7	3%	88%	83%	83%	93%	1	0.7%	9	6%	125	80%	157	100%	98	82%	28	11%
Karnataka	Gulbarga **	32%	42	6%	83%	70%	71%	90%	1	0.2%	53	10%	245	51%	405	85%	141	55%	189	20%
Karnataka	Hassan	26%	16	5%	91%	82%	85%	92%	2	0.8%	18	7%	192	85%	203	90%	172	88%	136	32%
Karnataka	Haveri	24%	21	6%	86%	75%	76%	84%	6	2.2%	36	13%	182	68%	258	98%	84	67%	217	48%
Karnataka	Kodagu	25%	6	7%	92%	80%	83%	87%	0	0.0%	9	13%	55	86%	64	100%	31	89%	66	62%
Karnataka	Kolar	21%	18	5%	89%	85%	85%	92%	0	0.0%	18	8%	188	88%	214	100%	135	82%	224	56%
Karnataka	Koppal	27%	23	7%	87%	83%	84%	90%	7	2.5%	22	8%	212	80%	249	94%	176	88%	252	63%
Karnataka	Mandya	25%	25	6%	90%	87%	88%	92%	0	0.0%	23	8%	249	85%	277	94%	231	91%	152	30%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Popu- lation (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualize d total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)		% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registere d for treatment	% of new EP cases out of all new cases	No of retreat ment cases registere d for treatment	No of smear positive retreat ment cases registere d for treatment
										35	35						
Karnataka	Mysore	29	8279	287	731	9%	1021	141	381	53	70%	66%	197	247	30%	196	137
Karnataka	Raichur	18	3380	186	468	14%	646	143	261	58	77%	62%	157	70	14%	158	100
Karnataka	Ramanagara	12	1867	161	165	9%	334	115	129	45	59%	68%	60	81	30%	64	56
Karnataka	Shimoga	18	3382	188	262	8%	446	99	195	43	58%	63%	116	83	21%	52	36
Karnataka	Tumkur	28	5148	181	580	11%	857	121	363	51	68%	69%	164	193	27%	136	94
Karnataka	Udupi	12	2761	226	183	7%	244	80	105	34	46%	68%	49	48	24%	42	28
Karnataka	Uttara Kannada	15	3021	203	174	6%	392	105	131	35	47%	52%	123	69	21%	68	36
Kerala	Alappuzha	23	6021	263	228	4%	412	72	171	30	60%	62%	106	86	24%	49	43
Kerala	Ernakulam	34	8368	249	428	5%	727	86	316	38	75%	63%	185	117	19%	109	84
Kerala	Idukki	12	4664	381	96	2%	195	64	85	28	56%	69%	39	51	29%	20	18
Kerala	Kannur	26	7094	271	245	3%	493	75	160	24	49%	60%	108	160	37%	65	46
Kerala	Kasaragod	13	2991	229	128	4%	258	79	112	34	69%	71%	46	56	26%	44	40
Kerala	Kollam	28	5224	186	274	5%	551	79	250	36	71%	65%	136	109	22%	54	42
Kerala	Kottayam	21	6402	302	294	5%	458	86	219	41	83%	71%	91	98	24%	50	42
Kerala	Kozhikode	31	7491	240	281	4%	697	89	214	27	55%	48%	231	189	30%	63	48
Kerala	Malappuram	39	7709	196	293	4%	711	72	236	24	48%	52%	220	183	29%	71	52
Kerala	Palakkad	28	5801	204	299	5%	603	85	259	36	73%	68%	123	145	28%	76	60
Kerala	Pathanamthitta	13	2597	194	159	6%	261	78	131	39	78%	81%	30	64	28%	36	15
Kerala	Thiruvananthapuram	35	11240	320	416	4%	738	84	313	36	71%	70%	134	168	27%	123	88
Kerala	Thrissur	32	7020	217	459	7%	624	77	253	31	63%	68%	117	168	31%	86	64
Kerala	Wayanad	9	1906	223	84	4%	202	95	82	38	77%	55%	66	44	23%	10	8
Lakshadweep	Lakshadweep *	1	62	89	0	0%	3	17	0	0	0%	0%	1	2	67%	0	0
Madhya Pradesh	Balaghat **	17	847	50	191	23%	321	76	175	41	52%	72%	67	24	9%	55	33
Madhya Pradesh	Barwani †	13	1484	118	161	11%	237	75	112	35	44%	69%	51	32	16%	42	33
Madhya Pradesh	Betul **	16	1860	114	159	9%	278	68	122	30	37%	60%	83	38	16%	35	31
Madhya Pradesh	Bhind	17	1642	99	187	11%	390	94	94	23	28%	33%	187	41	13%	68	58
Madhya Pradesh	Bhopal	21	7369	344	705	10%	1042	194	269	50	63%	42%	371	149	19%	253	111
Madhya Pradesh	Chhatarpur **	17	2891	168	454	16%	416	97	262	61	76%	73%	97	11	3%	46	41
Madhya Pradesh	Chhindwara **	22	1656	77	231	14%	379	70	148	27	34%	59%	101	60	19%	70	57
Madhya Pradesh	Damoh **	13	1599	127	283	18%	397	126	182	58	72%	72%	72	56	18%	87	68
Madhya Pradesh	Datia	7	703	96	137	19%	293	160	96	52	65%	45%	117	23	10%	57	31
Madhya Pradesh	Dewas	15	1378	90	150	11%	374	98	137	36	45%	48%	151	57	17%	29	18
Madhya Pradesh	Dhar †	20	2613	129	276	11%	552	109	206	41	51%	50%	202	59	13%	85	65
Madhya Pradesh	Dindori †	7	770	114	67	9%	136	80	56	33	41%	62%	35	25	22%	20	15
Madhya Pradesh	Guna	19	1874	96	239	13%	472	97	169	35	43%	51%	165	47	12%	91	59
Madhya Pradesh	Gwalior	19	3639	191	504	14%	628	132	215	45	56%	64%	122	106	24%	185	160
Madhya Pradesh	Harda **	6	551	100	49	9%	85	61	31	22	28%	54%	26	6	10%	22	21
Madhya Pradesh	Hoshangabad **	13	2188	173	252	12%	500	158	180	57	71%	50%	182	52	13%	86	64
Madhya Pradesh	Indore	30	6971	231	766	11%	1085	144	434	58	72%	66%	224	175	21%	252	189
Madhya Pradesh	Jabalpur	25	2613	103	481	18%	744	118	306	48	60%	71%	125	158	27%	155	104
Madhya Pradesh	Jhabua †	16	1842	113	256	14%	398	98	175	43	54%	56%	139	18	5%	66	52
Madhya Pradesh	Katni	12	965	78	217	22%	415	134	169	54	68%	47%	190	15	4%	41	41
Madhya Pradesh	Khandwa **	20	1839	92	311	17%	537	108	214	43	54%	54%	185	57	13%	81	60
Madhya Pradesh	Khargone **	18	1749	98	232	13%	544	122	171	38	48%	40%	261	66	13%	46	36

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Karnataka	Mysore	26%	65	8%	86%	80%	82%	93%	0	0.0%	41	7%	467	90%	494	95%	290	81%	391	38%
Karnataka	Raichur	28%	31	6%	86%	82%	84%	87%	0	0.0%	56	13%	309	75%	328	80%	207	79%	558	75%
Karnataka	Ramanagara	30%	10	4%	86%	72%	76%	98%	0	0.0%	3	2%	159	86%	160	86%	119	97%	207	61%
Karnataka	Shimoga	16%	15	4%	90%	84%	85%	94%	2	0.8%	11	5%	203	88%	222	96%	162	82%	13	12%
Karnataka	Tumkur	21%	45	6%	83%	81%	82%	90%	6	1.2%	48	9%	394	86%	445	97%	258	87%	584	68%
Karnataka	Udupi	21%	18	9%	84%	83%	83%	87%	4	2.5%	16	10%	124	93%	131	98%	101	97%	173	71%
Karnataka	Uttara Kannada	22%	24	7%	82%	78%	80%	93%	1	0.6%	10	6%	145	87%	166	99%	82	79%	185	47%
Kerala	Alappuzha	20%	76	21%	73%	86%	88%	96%	2	0.9%	6	3%	202	94%	207	97%	161	84%	311	75%
Kerala	Ernakulam	21%	102	17%	79%	76%	77%	90%	5	1.2%	36	9%	337	84%	370	93%	212	81%	457	63%
Kerala	Idukki	17%	23	13%	88%	82%	82%	98%	1	1.1%	1	1%	86	83%	102	99%	69	78%	155	79%
Kerala	Kannur	22%	68	16%	83%	81%	81%	87%	9	3.9%	21	9%	169	82%	190	92%	160	90%	222	56%
Kerala	Kasaragod	26%	16	7%	79%	79%	80%	97%	0	0.0%	4	3%	140	92%	145	95%	86	85%	172	66%
Kerala	Kollam	14%	32	6%	86%	84%	87%	96%	3	1.2%	6	2%	275	94%	290	99%	184	84%	211	46%
Kerala	Kottayam	16%	49	12%	86%	82%	84%	97%	4	1.5%	3	1%	238	95%	235	90%	151	91%	177	38%
Kerala	Kozhikode	18%	156	25%	83%	79%	81%	85%	0	0.0%	40	15%	222	85%	251	96%	164	81%	459	66%
Kerala	Malappuram	18%	136	21%	85%	80%	83%	95%	3	1.1%	10	4%	203	70%	226	78%	146	69%	452	64%
Kerala	Palakkad	19%	65	12%	86%	83%	85%	95%	6	2.2%	9	3%	266	83%	264	83%	192	79%	352	67%
Kerala	Pathanamthitta	10%	13	6%	91%	76%	80%	97%	0	0.0%	4	3%	135	92%	144	99%	64	57%	134	51%
Kerala	Thiruvananthapuram	22%	73	12%	79%	77%	79%	96%	1	0.3%	14	4%	362	90%	387	97%	190	77%	516	70%
Kerala	Thrissur	20%	84	16%	87%	84%	84%	95%	7	1.8%	14	4%	303	89%	298	88%	235	78%	348	57%
Kerala	Wayanad	9%	52	27%	86%	83%	83%	99%	0	0.0%	1	1%	78	87%	81	90%	30	75%	129	64%
Lakshadweep	Lakshadweep *	0%	0	0%	25%	100%	100%	0%	0	0.0%	0	0%	0	0%	0	0%	2	100%	0	0%
Madhya Pradesh	Balaghat **	16%	14	5%	89%	89%	90%	97%	0	0.0%	6	3%	162	78%	208	100%	90	66%	175	55%
Madhya Pradesh	Barwani †	23%	12	6%	88%	77%	88%	96%	2	1.3%	4	3%	127	88%	144	99%	60	58%	125	53%
Madhya Pradesh	Betul **	20%	37	15%	93%	89%	90%	90%	3	1.9%	13	8%	124	89%	152	100%	88	85%	99	80%
Madhya Pradesh	Bhind	38%	15	5%	88%	80%	85%	84%	10	5.5%	20	11%	134	88%	140	92%	80	82%	263	67%
Madhya Pradesh	Bhopal	29%	61	8%	83%	83%	83%	73%	7	1.4%	129	26%	337	89%	353	93%	253	95%	329	36%
Madhya Pradesh	Chhatarpur **	14%	4	1%	95%	88%	89%	93%	2	0.6%	20	6%	303	100%	145	48%	145	92%	155	37%
Madhya Pradesh	Chhindwara **	28%	21	7%	89%	84%	87%	93%	0	0.0%	14	7%	180	88%	192	94%	82	59%	189	50%
Madhya Pradesh	Damoh **	27%	11	4%	86%	82%	86%	89%	3	1.1%	28	10%	228	91%	238	95%	115	75%	160	40%
Madhya Pradesh	Datia	24%	33	14%	92%	86%	89%	93%	4	3.0%	5	4%	119	94%	123	97%	38	43%	147	50%
Madhya Pradesh	Dewas	12%	23	7%	92%	84%	85%	99%	0	0.0%	2	1%	142	91%	156	100%	98	79%	127	66%
Madhya Pradesh	Dhar †	24%	7	1%	92%	86%	90%	100%	0	0.0%	0	0%	254	94%	271	100%	169	78%	96	83%
Madhya Pradesh	Dindori †	21%	11	9%	94%	79%	79%	95%	0	0.0%	3	5%	57	80%	70	99%	21	57%	98	72%
Madhya Pradesh	Guna	26%	11	3%	92%	84%	88%	98%	0	0.0%	4	2%	202	89%	226	99%	137	81%	279	59%
Madhya Pradesh	Gwalior	43%	76	17%	93%	86%	86%	90%	18	4.4%	23	6%	329	88%	375	100%	218	92%	338	54%
Madhya Pradesh	Harda **	40%	5	8%	87%	60%	75%	96%	0	0.0%	2	4%	50	96%	52	100%	10	37%	4	5%
Madhya Pradesh	Hoshangabad **	26%	33	8%	93%	90%	93%	99%	0	0.0%	2	1%	209	86%	244	100%	178	92%	204	41%
Madhya Pradesh	Indore	30%	143	17%	92%	87%	88%	97%	19	2.8%	0	0%	604	97%	623	100%	375	9%	662	61%
Madhya Pradesh	Jabalpur	25%	50	8%	79%	72%	78%	86%	0	0.0%	63	14%	318	78%	356	88%	130	59%	459	61%
Madhya Pradesh	Jhabua †	23%	12	4%	91%	88%	90%	100%	0	0.0%	0	0%	202	89%	225	99%	130	79%	197	52%
Madhya Pradesh	Katni	20%	18	5%	87%	84%	92%	100%	0	0.0%	0	0%	173	82%	205	98%	109	64%	314	76%
Madhya Pradesh	Khandwa **	22%	25	5%	90%	85%	89%	90%	0	0.0%	29	10%	242	88%	264	96%	160	79%	304	57%
Madhya Pradesh	Khargone **	17%	69	14%	91%	87%	89%	93%	0	0.0%	15	7%	179	86%	207	100%	129	84%	172	32%



**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	Popu-lation (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualize d total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)		% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment
										61	76%						
Madhya Pradesh	Mandla †	10	999	96	196	20%	346	133	159	61	76%	58%	113	35	11%	39	31
Madhya Pradesh	Mandsaur	14	1538	111	229	15%	465	135	153	44	55%	51%	148	47	14%	117	88
Madhya Pradesh	Morena	19	1545	83	180	12%	358	77	86	19	23%	55%	71	47	23%	154	86
Madhya Pradesh	Narsinghpur **	11	1336	120	134	10%	327	117	105	38	47%	51%	99	59	22%	62	52
Madhya Pradesh	Neemuch	8	1386	164	159	11%	330	156	122	58	72%	53%	108	34	13%	66	44
Madhya Pradesh	Panna **	10	550	55	152	28%	252	101	95	38	48%	69%	42	24	15%	91	53
Madhya Pradesh	Raisen **	13	794	61	104	13%	348	106	75	23	29%	32%	163	20	8%	89	45
Madhya Pradesh	Rajgarh	15	1119	76	161	14%	441	121	102	28	35%	34%	195	28	9%	116	36
Madhya Pradesh	Ratlam	14	1073	76	182	17%	368	104	98	28	35%	43%	132	38	14%	100	55
Madhya Pradesh	Rewa	23	2914	127	332	11%	886	154	252	44	55%	42%	342	173	23%	119	62
Madhya Pradesh	Sagar **	24	2310	98	408	18%	701	119	290	49	61%	57%	219	65	11%	127	116
Madhya Pradesh	Satna	22	1663	76	317	19%	816	150	277	51	63%	44%	359	84	12%	96	38
Madhya Pradesh	Sehore **	13	1074	85	81	8%	246	78	63	20	25%	33%	127	23	11%	33	11
Madhya Pradesh	Seoni **	14	554	41	99	18%	268	79	72	21	26%	48%	79	34	18%	83	47
Madhya Pradesh	Shahdol	18	1500	82	222	15%	434	95	174	38	47%	50%	173	33	9%	52	24
Madhya Pradesh	Shajapur	15	1233	82	216	18%	297	79	150	40	50%	78%	43	29	13%	75	60
Madhya Pradesh	Sheopur	7	641	98	160	25%	194	119	116	71	89%	74%	40	12	7%	26	21
Madhya Pradesh	Shivpuri	17	1725	103	255	15%	513	122	201	48	60%	47%	224	11	3%	77	38
Madhya Pradesh	Sidhi	21	2302	108	266	12%	568	106	192	36	45%	53%	173	70	16%	133	69
Madhya Pradesh	Tikamgarh **	14	646	46	103	16%	198	56	81	23	29%	50%	81	13	7%	21	19
Madhya Pradesh	Ujjain	20	1878	94	385	21%	551	110	188	38	47%	53%	167	80	18%	116	88
Madhya Pradesh	Umariya	6	297	49	40	13%	102	68	29	19	24%	42%	40	13	16%	20	11
Madhya Pradesh	Vidisha **	14	1581	111	191	12%	565	159	143	40	50%	34%	272	37	8%	113	61
Maharashtra	Ahmadnagar	42	4883	117	429	9%	850	82	411	39	49%	65%	217	94	13%	128	57
Maharashtra	Ahmadnagar Mun Corp	4	587	143	65	11%	84	82	27	26	33%	61%	17	20	31%	20	13
Maharashtra	Akola	14	1531	110	146	10%	309	89	137	40	49%	70%	60	37	16%	75	52
Maharashtra	Akola Mun Corp	4	519	119	101	19%	111	101	28	26	32%	65%	15	33	43%	35	19
Maharashtra	Amravati Mun Corp	6	1652	269	122	7%	175	114	58	38	47%	67%	29	41	32%	47	30
Maharashtra	Amravati Rural	23	4258	185	329	8%	623	108	218	38	47%	60%	147	112	23%	146	92
Maharashtra	Aurangabad Muni Corp	10	1604	164	252	16%	312	128	136	56	70%	83%	27	99	38%	50	36
Maharashtra	Aurangabad-MH **	23	2599	113	224	9%	469	82	276	48	60%	81%	65	53	13%	75	43
Maharashtra	Bhandara	13	1833	144	172	9%	281	88	108	34	42%	67%	54	40	20%	78	41
Maharashtra	Bhiwandi-Nizampur	10	1095	107	135	12%	360	140	96	37	47%	41%	136	73	24%	55	28
Maharashtra	Bid **	24	2526	105	268	11%	439	73	214	35	44%	74%	74	87	23%	64	40
Maharashtra	Buldana **	25	3308	133	476	14%	580	93	211	34	42%	58%	152	84	19%	130	100
Maharashtra	Chandrapur	23	3671	158	336	9%	589	101	243	42	52%	66%	127	89	19%	130	89
Maharashtra	Dhule	15	2340	155	206	9%	467	124	213	56	71%	67%	103	74	19%	77	48
Maharashtra	Dhule Mun Corp	4	1099	273	140	13%	128	127	59	59	73%	69%	27	28	25%	14	8
Maharashtra	Gadchiroli **	11	1559	144	187	12%	306	113	134	49	62%	63%	80	35	14%	55	41
Maharashtra	Gondiya	13	2353	175	209	9%	332	99	153	46	57%	71%	64	58	21%	57	41
Maharashtra	Hingoli **	11	1311	119	129	10%	309	112	120	43	54%	54%	102	46	17%	41	29
Maharashtra	Jalgaon	37	3883	105	416	11%	1025	111	393	43	53%	52%	357	142	16%	133	95
Maharashtra	Jalgaon Mun Corp	4	1383	319	168	12%	138	127	53	49	61%	54%	45	25	20%	15	11
Maharashtra	Jalna **	18	2436	135	252	10%	452	100	173	38	48%	55%	140	52	14%	87	71
Maharashtra	Kalyan Dombivli MC	13	1437	108	251	17%	556	167	173	52	65%	54%	148	90	22%	145	34
Maharashtra	Kolhapur	34	6692	197	518	8%	833	98	392	46	58%	68%	187	129	18%	125	68
Maharashtra	Kolhapur Mun Corp	5	649	120	56	9%	121	89	40	29	37%	63%	24	31	33%	26	16
Maharashtra	Latur **	23	4059	175	260	6%	431	74	199	34	43%	69%	90	78	21%	64	55

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Madhya Pradesh	Mandla †	16%	30	10%	93%	90%	91%	97%	1	0.5%	5	3%	156	82%	183	96%	111	74%	274	79%
Madhya Pradesh	Mandsaur	37%	31	9%	87%	82%	90%	98%	0	0.0%	4	2%	208	86%	241	100%	116	75%	147	32%
Madhya Pradesh	Morena	50%	27	13%	91%	84%	84%	85%	3	1.7%	24	14%	122	71%	161	94%	87	55%	288	80%
Madhya Pradesh	Narsinghpur **	33%	29	11%	89%	85%	86%	98%	0	0.0%	3	2%	108	69%	151	96%	47	59%	207	63%
Madhya Pradesh	Neemuch	27%	12	5%	95%	86%	89%	94%	4	2.7%	5	3%	148	89%	163	98%	107	83%	109	33%
Madhya Pradesh	Panna **	36%	7	4%	84%	77%	85%	89%	5	3.3%	11	7%	127	86%	147	99%	71	80%	20	8%
Madhya Pradesh	Raisen **	38%	3	1%	87%	80%	85%	0%	0	0.0%	102	100%	78	65%	120	100%	25	42%	42	20%
Madhya Pradesh	Rajgarh	26%	6	2%	91%	91%	91%	92%	0	0.0%	12	8%	94	92%	100	98%	15	15%	75	86%
Madhya Pradesh	Ratlam	36%	17	6%	91%	87%	88%	94%	5	3.1%	5	3%	116	76%	141	92%	76	79%	62	17%
Madhya Pradesh	Rewa	20%	62	8%	93%	87%	88%	98%	1	0.3%	6	2%	225	89%	252	100%	105	56%	181	23%
Madhya Pradesh	Sagar **	29%	53	9%	89%	85%	89%	96%	3	0.8%	14	4%	342	84%	387	95%	150	58%	357	51%
Madhya Pradesh	Satna	12%	23	3%	92%	87%	93%	96%	0	0.0%	12	4%	282	90%	304	97%	202	86%	296	36%
Madhya Pradesh	Sehore **	15%	10	5%	89%	85%	90%	96%	0	0.0%	3	4%	70	95%	74	100%	61	85%	138	57%
Madhya Pradesh	Seoni **	39%	17	9%	85%	87%	87%	88%	2	2.0%	10	10%	102	86%	97	82%	53	65%	215	80%
Madhya Pradesh	Shahdol	12%	19	5%	93%	88%	91%	84%	0	0.0%	34	16%	167	84%	198	100%	63	40%	35	16%
Madhya Pradesh	Shajapur	29%	9	4%	93%	88%	91%	100%	0	0.0%	0	0%	194	92%	205	98%	134	87%	212	71%
Madhya Pradesh	Sheopur	15%	15	9%	90%	81%	85%	76%	6	3.8%	32	20%	99	76%	123	94%	91	54%	178	92%
Madhya Pradesh	Shivpuri	16%	16	4%	92%	88%	92%	94%	0	0.0%	14	6%	227	95%	232	97%	135	79%	369	69%
Madhya Pradesh	Sidhi	26%	42	10%	82%	79%	88%	96%	0	0.0%	10	4%	165	63%	257	98%	112	57%	402	77%
Madhya Pradesh	Tikamgarh **	19%	9	5%	84%	90%	90%	79%	0	0.0%	22	21%	76	76%	100	100%	60	71%	78	39%
Madhya Pradesh	Ujjain	32%	54	12%	89%	85%	87%	97%	0	0.0%	8	3%	246	89%	269	97%	132	71%	208	38%
Madhya Pradesh	Umaria	28%	6	7%	94%	86%	86%	78%	0	0.0%	9	23%	29	73%	33	83%	23	58%	81	80%
Madhya Pradesh	Vidisha **	30%	86	19%	88%	82%	87%	99%	0	0.0%	1	1%	198	97%	170	83%	117	81%	118	21%
Maharashtra	Ahmadnagar	12%	26	4%	90%	83%	87%	99%	0	0.0%	4	1%	419	90%	468	100%	274	84%	110	13%
Maharashtra	Ahmadnagar Mun Corp	33%	3	5%	79%			97%	0	0.0%	1	3%	36	90%	40	100%	0	0%	0	0%
Maharashtra	Akola	28%	10	4%	84%	71%	77%	94%	0	0.0%	9	6%	144	76%	185	98%	97	75%	149	48%
Maharashtra	Akola Mun Corp	40%	6	8%	74%			94%	0	0.0%	3	6%	41	87%	47	100%	0	0%	49	44%
Maharashtra	Amravati Mun Corp	34%	6	5%	84%	85%	85%	94%	0	0.0%	4	6%	82	93%	87	99%	93	90%	65	37%
Maharashtra	Amravati Rural	30%	25	5%	89%	83%	85%	96%	0	0.0%	11	4%	246	79%	309	100%	146	61%	359	58%
Maharashtra	Aurangabad Muni Corp	21%	24	9%	87%	85%	86%	83%	0	0.0%	28	17%	143	83%	172	100%	112	79%	7	2%
Maharashtra	Aurangabad-MH **	13%	18	5%	93%	89%	91%	100%	0	0.0%	0	0%	244	76%	287	90%	217	88%	57	13%
Maharashtra	Bhandara	28%	9	4%	87%	79%	80%	94%	0	0.0%	10	6%	131	88%	134	96%	74	65%	98	35%
Maharashtra	Bhiwandi-Nizampur	23%	40	13%	89%			95%	0	0.0%	5	5%	78	81%	96	100%	101	74%	0	0%
Maharashtra	Bid **	16%	8	2%	92%	83%	85%	99%	0	0.0%	2	1%	231	91%	254	100%	228	83%	160	40%
Maharashtra	Buldana **	32%	24	5%	83%	76%	82%	97%	0	0.0%	10	3%	222	96%	261	90%	149	70%	132	28%
Maharashtra	Chandrapur	27%	24	5%	86%	77%	81%	92%	0	0.0%	23	8%	266	80%	330	99%	184	78%	106	18%
Maharashtra	Dhule	18%	29	7%	92%	87%	88%	97%	1	0.5%	4	2%	225	86%	260	100%	153	70%	227	49%
Maharashtra	Dhule Mun Corp	12%	5	4%				100%	0	0.0%	0	0%	64	96%	67	100%	0	0%	20	16%
Maharashtra	Gadchiroli **	23%	3	1%	86%	80%	86%	99%	0	0.0%	2	1%	143	82%	159	91%	113	92%	75	29%
Maharashtra	Gondiya	21%	13	5%	88%	81%	81%	92%	3	1.5%	14	7%	150	77%	194	100%	93	73%	165	50%
Maharashtra	Hingoli **	19%	16	6%	91%	84%	88%	98%	0	0.0%	2	2%	128	91%	130	92%	119	86%	251	81%
Maharashtra	Jalgaon	19%	51	6%	80%	76%	79%	93%	0	0.0%	29	7%	424	87%	460	94%	217	54%	357	34%
Maharashtra	Jalgaon Mun Corp	17%	11	9%				89%	1	1.5%	6	9%	54	84%	64	100%	57	95%	8	6%
Maharashtra	Jalna **	29%	7	2%	90%	84%	88%	99%	0	0.0%	3	1%	227	93%	240	98%	149	83%	80	18%
Maharashtra	Kalyan Dombivli MC	16%	49	12%	88%	84%	84%	96%	0	0.0%	10	4%	189	91%	207	100%	145	90%	7	1%
Maharashtra	Kolhapur	15%	44	6%	88%	83%	84%	97%	0	0.0%	14	3%	397	86%	446	97%	240	77%	67	13%
Maharashtra	Kolhapur Mun Corp	29%	12	13%	79%	64%	66%	83%	1	1.9%	8	15%	36	90%	37	93%	32	94%	1	1%
Maharashtra	Latur **	22%	23	6%	86%	78%	80%	96%	0	0.0%	11	4%	207	81%	253	100%	99	68%	201	47%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Maharashtra	Malegaon	5	621	129	85	14%	238	198	88	73	92%	55%	73	62	28%	15	13
Maharashtra	Meera Bhayander	10	717	75	114	16%	170	71	82	34	43%	93%	6	34	28%	48	30
Maharashtra	Mumbai	133	23396	175	3626	15%	7569	227	2207	66	83%	57%	1691	1614	29%	2057	1004
Maharashtra	Nagpur Muni Corp	23	4284	187	546	13%	847	148	251	44	55%	69%	111	274	42%	201	135
Maharashtra	Nagpur Rural	22	2980	133	338	11%	602	108	302	54	67%	66%	156	46	9%	98	72
Maharashtra	Nanded **	27	3357	123	376	11%	681	100	283	42	52%	58%	205	86	15%	107	66
Maharashtra	Nanded Waghela MC	5	740	154	91	12%	137	114	52	43	54%	78%	15	45	40%	25	14
Maharashtra	Nandurbar *	15	1924	131	213	11%	401	110	161	44	55%	54%	136	37	11%	67	38
Maharashtra	Nashik	39	4693	120	445	9%	780	80	391	40	50%	66%	202	102	15%	85	51
Maharashtra	Nashik Corp	12	1647	137	229	14%	364	121	160	53	66%	59%	113	42	13%	49	23
Maharashtra	Navi Mumbai	8	2425	308	338	14%	462	235	153	78	97%	69%	70	96	30%	143	83
Maharashtra	Osmanabad **	16	1870	114	158	8%	282	68	124	30	38%	69%	55	45	20%	58	40
Maharashtra	Parbhani **	17	2150	129	221	10%	395	95	173	41	52%	64%	99	67	20%	56	50
Maharashtra	Pimpri Chinchwad	11	2397	213	263	11%	468	166	172	61	76%	67%	86	124	32%	86	38
Maharashtra	Pune	28	3298	116	339	10%	877	123	354	50	62%	74%	123	257	35%	143	76
Maharashtra	Pune Rural	41	8114	197	940	12%	1064	103	522	51	63%	71%	211	157	18%	174	105
Maharashtra	Raigarh-MH	25	4253	172	517	12%	956	155	375	61	76%	60%	247	137	18%	197	109
Maharashtra	Ratnagiri	19	3577	188	325	9%	667	141	268	56	71%	57%	205	61	11%	133	52
Maharashtra	Sangli	24	5074	211	329	6%	599	100	257	43	54%	64%	145	98	20%	99	42
Maharashtra	Sangli Muni Corp	5	663	136	73	11%	122	100	38	31	39%	63%	22	32	35%	30	14
Maharashtra	Satara	31	6110	195	453	7%	883	113	355	45	57%	60%	233	168	22%	127	72
Maharashtra	Sindhudurg	10	2342	243	136	6%	281	117	106	44	55%	58%	76	39	18%	60	31
Maharashtra	Solapur	33	6292	189	483	8%	727	87	431	52	65%	77%	126	77	12%	93	53
Maharashtra	Solapur Muni Corp	10	1611	165	239	15%	287	118	121	50	62%	72%	47	51	23%	68	40
Maharashtra	Thane	30	4335	142	626	14%	1472	193	542	71	89%	55%	440	210	18%	280	154
Maharashtra	Thane Muni Corp	14	2430	172	328	13%	728	206	186	53	66%	54%	157	197	36%	188	91
Maharashtra	Ulhasnagar Muni Corp	5	801	151	161	20%	214	162	83	63	78%	64%	47	28	18%	56	29
Maharashtra	Wardha	14	2494	181	213	9%	371	108	139	40	50%	63%	82	84	28%	66	50
Maharashtra	Washim	11	132	12	118	89%	317	111	92	32	40%	45%	111	55	21%	59	47
Maharashtra	Yavatmal **	28	3663	133	369	10%	705	102	261	38	47%	58%	188	152	25%	104	74
Manipur	Bishnupur	2	202	88	31	15%	50	87	24	42	56%	75%	8	6	16%	12	9
Manipur	Chandel *	1	204	149	16	8%	38	111	12	35	47%	55%	10	7	24%	9	5
Manipur	Churachandpur *	3	616	242	36	6%	145	228	31	49	65%	33%	64	18	16%	32	5
Manipur	Imphal East	4	718	164	77	11%	222	203	64	58	78%	39%	102	34	17%	22	9
Manipur	Imphal West	5	832	170	98	12%	156	128	48	39	52%	56%	37	36	30%	35	22
Manipur	Senapati *	4	305	72	21	7%	70	66	21	20	27%	49%	22	13	23%	14	9
Manipur	Tamenglong *	1	109	88	10	9%	14	45	10	32	43%	91%	1	3	21%	0	0
Manipur	Thoubal	4	290	71	35	12%	113	111	23	23	30%	37%	39	29	32%	22	9
Manipur	Ukhrul *	2	132	84	17	13%	32	82	12	31	41%	80%	3	7	32%	10	8
Meghalaya	East Khasi Hills *	7	2165	294	284	13%	524	285	163	89	118%	61%	103	140	34%	114	82
Meghalaya	East Garo Hills *	3	221	80	32	14%	24	35	8	12	15%	57%	6	1	7%	9	5
Meghalaya	Jaintia Hills *	3	499	152	52	10%	115	140	55	67	89%	74%	19	30	29%	11	5
Meghalaya	Ri Bhoi *	2	426	198	54	13%	110	205	41	76	102%	62%	25	21	24%	22	18
Meghalaya	South Garo Hills *	1	94	85	3	3%	16	58	8	29	39%	62%	5	0	0%	3	1
Meghalaya	West Garo Hills *	6	1070	186	142	13%	172	120	111	77	103%	87%	17	14	10%	30	15
Meghalaya	West Khasi Hills *	3	396	121	42	11%	144	176	27	33	44%	45%	33	46	43%	38	18

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Maharashtra	Malegaon	13%	25	11%				92%	0	0.0%	7	8%	98	97%	99	98%	0	0%	36	15%
Maharashtra	Meera Bhayander	27%	7	6%				89%	0	0.0%	13	11%	68	83%	82	100%	75	77%	75	44%
Maharashtra	Mumbai	31%	558	10%	90%	87%	87%	76%	271	8.0%	554	16%	2803	87%	2990	93%	2412	85%	0	0%
Maharashtra	Nagpur Muni Corp	35%	44	7%	90%	84%	85%	95%	0	0.0%	21	5%	233	93%	251	100%	0	0%	162	76%
Maharashtra	Nagpur Rural	19%	34	7%	92%	87%	89%	94%	0	0.0%	18	6%	276	74%	334	89%	208	71%	5	1%
Maharashtra	Nanded **	19%	27	5%	89%	85%	89%	97%	0	0.0%	10	3%	247	71%	316	91%	141	50%	53	8%
Maharashtra	Nanded Waghela MC	21%	8	7%	94%	86%	86%	99%	0	0.0%	1	1%	65	98%	52	100%	30	79%	100	73%
Maharashtra	Nandurbar *	19%	24	7%	88%	85%	88%	94%	2	1.0%	11	5%	159	80%	198	99%	99	63%	258	64%
Maharashtra	Nashik	12%	67	10%	94%	89%	90%	97%	0	0.0%	11	3%	353	85%	416	100%	382	72%	313	40%
Maharashtra	Nashik Corp	13%	28	9%	97%	87%	87%	97%	0	0.0%	6	3%	170	93%	183	100%	169	92%	11	3%
Maharashtra	Navi Mumbai	35%	63	20%	91%	86%	86%	91%	8	3.2%	14	6%	223	94%	235	100%	154	100%	82	18%
Maharashtra	Osmanabad **	24%	14	6%	89%	86%	86%	99%	0	0.0%	2	1%	133	81%	164	100%	94	69%	109	39%
Maharashtra	Parbhani **	22%	13	4%	91%	86%	88%	100%	0	0.0%	0	0%	194	87%	223	100%	139	84%	102	26%
Maharashtra	Pimpri Chinchwad	18%	45	12%	91%	86%	86%	94%	1	0.5%	11	5%	198	94%	209	100%	162	94%	2	0%
Maharashtra	Pune	18%	56	8%	92%	87%	87%	96%	0	0.0%	14	4%	389	82%	422	98%	357	95%	1	2%
Maharashtra	Pune Rural	17%	52	6%	92%	86%	87%	97%	1	0.2%	16	2%	549	88%	605	96%	407	84%	111	30%
Maharashtra	Raigarh-MH	23%	31	4%	91%	85%	86%	98%	0	0.0%	12	2%	349	80%	421	97%	232	72%	230	72%
Maharashtra	Ratnagiri	16%	27	5%	92%	85%	85%	95%	0	0.0%	17	5%	290	91%	316	99%	194	82%	502	75%
Maharashtra	Sangli	14%	32	6%	92%	85%	85%	92%	2	0.7%	22	7%	263	88%	299	100%	197	81%	101	17%
Maharashtra	Sangli Muni Corp	27%	8	9%	93%	81%	81%	86%	0	0.0%	5	14%	33	63%	37	71%	33	75%	0	0%
Maharashtra	Satara	17%	33	4%	89%	79%	80%	98%	0	0.0%	7	2%	384	90%	427	100%	175	81%	460	52%
Maharashtra	Sindhudurg	23%	6	3%	94%	89%	89%	90%	0	0.0%	14	10%	114	83%	135	99%	76	66%	177	63%
Maharashtra	Solapur	11%	35	6%	92%	85%	86%	94%	0	0.0%	31	6%	404	91%	431	100%	277	81%	46	9%
Maharashtra	Solapur Muni Corp	25%	20	9%	87%	88%	88%	85%	0	0.0%	28	15%	141	88%	161	100%	124	94%	7	2%
Maharashtra	Thane	22%	99	8%	88%	83%	84%	89%	1	0.2%	70	11%	542	78%	671	96%	501	62%	834	62%
Maharashtra	Thane Muni Corp	33%	75	14%	86%	87%	87%	88%	13	4.5%	22	8%	243	88%	263	95%	194	97%	138	19%
Maharashtra	Ulhasnagar Muni Corp	26%	18	11%	94%	80%	80%	86%	5	4.5%	10	9%	91	81%	111	99%	78	98%	21	10%
Maharashtra	Wardha	26%	11	4%	86%	78%	84%	97%	0	0.0%	6	3%	140	74%	169	89%	103	75%	100	65%
Maharashtra	Washim	34%	22	9%	79%	80%	82%	96%	0	0.0%	4	4%	73	79%	86	93%	88	84%	88	84%
Maharashtra	Yavatmal **	22%	30	5%	87%	82%	84%	90%	0	0.0%	33	10%	337	91%	326	88%	282	93%	6	1%
Manipur	Bishnupur	27%	0	0%	91%	89%	94%	77%	0	0.0%	7	23%	31	94%	33	100%	18	90%	37	74%
Manipur	Chandel *	29%	3	10%	86%	89%	89%	100%	0	0.0%	0	0%	15	88%	17	100%	5	38%	13	34%
Manipur	Churachandpur *	14%	27	24%	83%	55%	55%	100%	0	0.0%	0	0%	36	100%	36	100%	17	100%	55	38%
Manipur	Imphal East	12%	11	6%	91%	87%	87%	86%	1	1.4%	9	13%	69	95%	71	97%	31	62%	82	37%
Manipur	Imphal West	31%	6	5%	84%	89%	89%	99%	1	1.4%	0	0%	68	97%	63	90%	48	83%	82	53%
Manipur	Senapati *	30%	3	5%	96%	81%	81%	100%	0	0.0%	0	0%	30	100%	30	100%	21	100%	0	0%
Manipur	Tamenglong *	0%	0	0%	89%	92%	92%	100%	0	0.0%	0	0%	9	90%	10	100%	12	92%	0	0%
Manipur	Thoubal	28%	3	3%	84%	70%	74%	94%	0	0.0%	2	6%	32	100%	32	100%	19	90%	50	83%
Manipur	Ukhrul *	40%	1	5%	75%	60%	60%	100%	0	0.0%	0	0%	15	88%	17	100%	9	100%	29	91%
Meghalaya	East Khasi Hills *	33%	31	8%	83%	74%	77%	81%	10	4.1%	37	15%	216	88%	195	80%	89	86%	331	63%
Meghalaya	East Garo Hills *	38%	3	20%	90%	75%	75%	100%	0	0.0%	0	0%	19	76%	14	56%	16	53%	10	18%
Meghalaya	Jaintia Hills *	8%	1	1%	91%	87%	87%	100%	0	0.0%	0	0%	35	58%	60	100%	24	86%	60	100%
Meghalaya	Ri Bhoi *	31%	11	13%	80%	81%	81%	100%	0	0.0%	0	0%	49	91%	48	89%	20	100%	16	80%
Meghalaya	South Garo Hills *	11%	0	0%	100%	87%	93%	100%	0	0.0%	0	0%	7	88%	8	100%	13	87%	1	13%
Meghalaya	West Garo Hills *	12%	0	0%	84%	91%	91%	92%	0	0.0%	10	8%	107	85%	126	100%	72	94%	35	20%
Meghalaya	West Khasi Hills *	40%	23	22%	87%	75%	75%	100%	0	0.0%	0	0%	41	91%	45	100%	29	100%	50	35%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Mizoram	Aizawl *	4	806	213	91	11%	328	347	49	52	69%	34%	96	108	43%	75	21
Mizoram	Champhai *	1	152	135	11	7%	27	96	11	39	52%	65%	6	6	26%	4	3
Mizoram	Kolasib *	1	134	197	19	14%	41	242	12	71	94%	44%	15	7	21%	7	4
Mizoram	Lawngtlai *	1	95	117	6	6%	33	162	14	69	92%	56%	11	5	17%	3	1
Mizoram	Lunglei *	2	288	189	53	18%	77	202	34	89	119%	67%	17	11	18%	15	8
Mizoram	Mamit *	1	123	177	5	4%	16	92	5	29	38%	63%	3	5	38%	3	0
Mizoram	Saiha *	1	130	192	12	9%	53	313	11	65	87%	48%	12	20	47%	10	6
Mizoram	Serchhip *	1	77	125	4	0%	16	104	4	26	35%	44%	5	5	36%	2	2
Nagaland	Dimapur *	3	785	229	123	16%	237	276	74	86	115%	47%	84	11	7%	68	33
Nagaland	Kiphire *	1	121	116	9	7%	25	96	7	27	36%	50%	7	8	36%	3	3
Nagaland	Kohima *	2	329	132	59	18%	121	194	44	71	94%	65%	24	27	28%	26	9
Nagaland	Longleng*	1	127	102	8	6%	15	48	6	19	26%	46%	7	0	0%	2	2
Nagaland	Mokokchung *	2	288	115	47	16%	55	88	33	53	71%	92%	3	6	14%	13	12
Nagaland	Mon *	3	715	247	44	6%	87	120	44	61	81%	79%	12	10	15%	21	14
Nagaland	Peren	1	78	78	9	12%	25	100	7	28	37%	44%	9	2	11%	6	6
Nagaland	Phek *	2	89	54	12	13%	25	60	11	26	35%	73%	4	7	32%	3	1
Nagaland	Tuensang *	2	246	105	32	13%	161	274	26	44	59%	43%	35	79	56%	21	8
Nagaland	Wokha *	2	391	219	36	9%	47	105	32	72	95%	76%	10	1	2%	4	4
Nagaland	Zunheboto *	2	192	110	8	4%	22	50	8	18	24%	44%	10	2	10%	2	1
Orissa	Anugul	13	1915	153	178	9%	307	98	133	43	50%	68%	62	55	22%	57	43
Orissa	Balangir **	15	1792	122	224	13%	552	151	194	53	62%	49%	200	97	19%	49	15
Orissa	Baleshwar	22	2315	104	299	13%	468	84	211	38	45%	65%	112	75	19%	70	50
Orissa	Bargarh	15	1585	107	171	11%	439	119	179	48	57%	57%	133	89	22%	38	21
Orissa	Baudh	4	400	98	45	11%	90	88	46	45	53%	68%	22	8	11%	14	9
Orissa	Bhadrak	15	1453	99	99	7%	226	62	85	23	27%	67%	42	75	37%	24	17
Orissa	Bhubaneswar Corp	7	1150	162	143	12%	162	91	58	33	38%	73%	22	49	38%	32	21
Orissa	Cuttack	26	2495	97	330	13%	472	73	175	27	32%	67%	88	148	36%	61	41
Orissa	Debagarh	3	303	101	32	11%	58	77	30	40	47%	67%	15	10	18%	3	3
Orissa	Dhenkanal	12	1921	164	184	10%	316	108	168	57	68%	79%	44	66	24%	38	22
Orissa	Gajapati †	6	894	157	176	20%	264	186	132	93	109%	68%	63	36	16%	33	30
Orissa	Ganjam	34	4720	137	608	13%	1258	146	433	50	59%	56%	337	261	25%	227	117
Orissa	Jagatsinghapur	12	1454	125	61	4%	129	44	52	18	21%	78%	15	44	40%	18	12
Orissa	Jajapur	18	1536	86	178	12%	366	82	176	40	46%	73%	66	89	27%	35	23
Orissa	Jharsuguda	6	1186	212	117	10%	206	147	93	67	78%	65%	50	33	19%	30	19
Orissa	Kalahandi **	15	1819	124	287	16%	517	141	229	63	74%	62%	139	75	17%	74	35
Orissa	Kandhamal †	7	1313	185	148	11%	244	137	121	68	80%	66%	61	32	15%	30	17
Orissa	Kendrapara	14	1599	112	129	8%	206	58	117	33	39%	80%	29	33	18%	27	21
Orissa	Kendujhar	17	2797	163	411	15%	641	150	309	72	85%	66%	161	92	16%	79	56
Orissa	Khordha	13	1141	85	140	12%	311	92	130	39	45%	67%	63	61	24%	57	45
Orissa	Koraput †	13	2053	159	363	18%	450	139	248	77	90%	82%	56	78	20%	68	45
Orissa	Malkangiri *	5	1055	200	174	16%	278	211	134	102	120%	63%	79	20	9%	45	36
Orissa	Mayurbhanj †	24	4355	179	727	17%	1220	200	612	100	118%	68%	294	171	16%	143	75
Orissa	Nabarangapur †	11	795	71	156	20%	255	91	153	55	64%	69%	70	13	6%	19	10
Orissa	Nayagarh	9	1698	179	246	14%	318	134	114	48	57%	61%	74	46	20%	84	53
Orissa	Nuapada †	6	852	146	121	14%	213	146	86	59	69%	49%	89	15	8%	23	14
Orissa	Puri	16	1757	107	161	9%	354	86	121	29	35%	57%	91	74	26%	68	30
Orissa	Rayagada †	9	1727	191	252	15%	375	166	214	95	111%	72%	85	33	10%	43	32

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Mizoram	Aizawl *	30%	33	13%	93%	90%	90%	99%	0	0.0%	1	1%	49	100%	49	100%	46	100%	22	7%
Mizoram	Champhai *	21%	3	13%	85%	71%	71%	100%	0	0.0%	0	0%	11	100%	10	91%	10	91%	5	100%
Mizoram	Kolasib *	25%	3	9%	92%	93%	100%	84%	3	15.8%	0	0%	12	100%	12	100%	9	100%	10	77%
Mizoram	Lawngtlai *	7%	2	7%	88%	89%	89%	100%	0	0.0%	0	0%	14	93%	12	80%	12	71%	17	52%
Mizoram	Lunglei *	19%	13	21%	82%	82%	95%	105%	0	0.0%	0	0%	42	100%	42	100%	49	100%	21	43%
Mizoram	Mamit *	0%	1	8%	86%	100%	100%	100%	0	0.0%	0	0%	5	100%	5	100%	15	100%	16	100%
Mizoram	Saiha *	35%	5	12%	100%	77%	77%	100%	0	0.0%	0	0%	11	92%	12	100%	10	100%	8	15%
Mizoram	Serchhip *	33%	1	7%	67%	100%	100%	0%	0	0.0%	0	0%	4	100%	4	100%	4	100%	3	19%
Nagaland	Dimapur *	31%	25	15%	90%	91%	91%	91%	0	0.0%	10	9%	98	92%	107	100%	68	72%	60	32%
Nagaland	Kiphire *	30%	6	27%	90%	100%	100%	100%	0	0.0%	0	0%	10	100%	10	100%	15	100%	0	0%
Nagaland	Kohima *	17%	7	7%	93%	86%	86%	100%	0	0.0%	0	0%	53	100%	51	96%	24	86%	112	93%
Nagaland	Longleng*	25%	2	15%	100%	86%	86%	100%	0	0.0%	0	0%	8	100%	8	100%	6	86%	12	80%
Nagaland	Mokokchung *	27%	1	2%	89%	88%	88%	100%	0	0.0%	0	0%	45	100%	45	100%	41	100%	10	16%
Nagaland	Mon *	24%	7	11%	85%	100%	100%	100%	0	0.0%	0	0%	0	0%	0	0%	0	0%	0	0%
Nagaland	Peren	46%	3	16%	100%	90%	90%	100%	0	0.0%	0	0%	0	0%	0	0%	0	0%	0	0%
Nagaland	Phek *	8%	6	27%	94%	83%	92%	100%	0	0.0%	0	0%	9	75%	11	92%	10	83%	8	32%
Nagaland	Tuensang *	24%	50	36%	93%	87%	87%	100%	0	0.0%	0	0%	26	100%	26	100%	10	100%	33	38%
Nagaland	Wokha *	11%	2	5%	100%	90%	90%	100%	0	0.0%	0	0%	32	100%	32	100%	32	100%	32	100%
Nagaland	Zunheboto *	11%	2	10%	89%	86%	86%	100%	0	0.0%	0	0%	8	100%	8	100%	6	86%	24	100%
Orissa	Anugul	24%	10	4%	95%	90%	91%	93%	2	1.2%	9	5%	138	78%	176	100%	110	83%	230	75%
Orissa	Balangir **	7%	36	7%	90%	88%	91%	95%	1	0.5%	9	4%	170	81%	208	100%	116	58%	479	87%
Orissa	Baleshwar	19%	18	5%	91%	80%	85%	94%	1	0.4%	16	6%	224	86%	254	97%	129	75%	432	92%
Orissa	Bargarh	11%	26	6%	90%	83%	86%	95%	0	0.0%	8	5%	165	83%	196	98%	121	76%	421	96%
Orissa	Baudh	16%	8	11%	88%	76%	78%	98%	1	2.3%	0	0%	45	82%	55	100%	55	93%	84	93%
Orissa	Bhadrak	17%	5	2%	86%	79%	85%	87%	0	0.0%	12	13%	89	88%	101	100%	61	91%	220	97%
Orissa	Bhubaneshwar Corp	27%	14	11%	80%	89%	89%	99%	0	0.0%	1	1%	66	84%	75	95%	69	88%	32	20%
Orissa	Cuttack	19%	27	7%	91%	86%	89%	92%	1	0.5%	17	8%	176	81%	216	100%	86	62%	15	3%
Orissa	Debagarh	9%	3	5%	90%	81%	81%	100%	0	0.0%	0	0%	32	97%	33	100%	32	100%	58	100%
Orissa	Dhenkanal	12%	17	6%	93%	91%	93%	97%	0	0.0%	5	3%	161	85%	190	100%	91	75%	284	89%
Orissa	Gajapati †	19%	20	9%	85%	72%	79%	87%	1	0.6%	20	12%	132	81%	151	93%	92	79%	24	12%
Orissa	Ganjam	21%	82	8%	81%	76%	81%	92%	2	0.3%	48	8%	463	84%	537	98%	240	66%	109	9%
Orissa	Jagatsinghapur	19%	4	4%	90%	94%	96%	98%	1	1.7%	0	0%	63	98%	64	100%	53	76%	127	98%
Orissa	Jajapur	12%	12	4%	96%	90%	90%	98%	0	0.0%	3	2%	164	82%	195	98%	138	84%	268	73%
Orissa	Jharsuguda	17%	6	3%	93%	88%	92%	90%	0	0.0%	11	10%	97	87%	104	93%	74	80%	194	94%
Orissa	Kalahandi **	13%	37	8%	79%	74%	83%	91%	0	0.0%	26	9%	195	74%	251	95%	132	67%	4	1%
Orissa	Kandhamal †	12%	13	6%	82%	79%	88%	93%	1	0.7%	9	7%	102	74%	125	91%	49	47%	28	14%
Orissa	Kendrapara	15%	16	9%	93%	97%	97%	96%	0	0.0%	5	4%	119	86%	138	100%	115	96%	187	91%
Orissa	Kendujhar	15%	27	5%	89%	81%	87%	87%	1	0.3%	49	13%	319	87%	365	100%	255	82%	1	0%
Orissa	Korapda	26%	11	4%	89%	86%	86%	100%	0	0.0%	0	0%	151	86%	175	100%	77	76%	5	36%
Orissa	Koraput †	15%	14	4%	88%	81%	83%	89%	5	1.5%	31	9%	241	82%	288	98%	150	64%	108	24%
Orissa	Malkangiri *	21%	21	9%	87%	78%	79%	78%	0	0.0%	37	22%	124	73%	128	75%	97	66%	216	78%
Orissa	Mayurbhanj †	11%	39	4%	89%	85%	90%	90%	0	0.0%	75	10%	593	86%	687	100%	460	82%	1081	89%
Orissa	Nabarangapur †	6%	6	3%	81%	80%	86%	89%	1	0.7%	15	10%	148	91%	156	96%	57	54%	183	84%
Orissa	Nayagarh	32%	18	8%	69%	58%	65%	95%	0	0.0%	8	5%	135	81%	155	93%	39	47%	20	6%
Orissa	Nuapada †	14%	9	5%	92%	87%	90%	93%	0	0.0%	8	7%	92	93%	99	100%	103	95%	23	11%
Orissa	Puri	20%	37	13%	89%	79%	85%	93%	1	0.6%	1	1%	130	86%	150	99%	89	83%	19	5%
Orissa	Raygada †	13%	23	7%	91%	88%	88%	92%	3	1.2%	16	6%	197	80%	243	99%	186	78%	306	82%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Orissa	Sambalpur	10	1996	196	196	10%	350	137	108	42	50%	49%	111	91	29%	40	23
Orissa	Sonapur	6	709	119	84	12%	180	121	75	51	59%	67%	37	51	31%	17	13
Orissa	Sundargarh †	20	3520	175	435	12%	781	156	308	61	72%	56%	245	115	17%	113	51
Puducherry	Puducherry	11	4595	421	558	12%	371	136	185	68	90%	75%	63	74	23%	49	42
Punjab	Amritsar	21	3252	152	486	15%	772	144	268	50	53%	63%	156	199	32%	149	108
Punjab	Barnala	6	827	139	120	15%	159	107	85	57	60%	84%	16	27	21%	31	27
Punjab	Bathinda	13	2460	190	249	10%	449	139	164	51	53%	62%	100	66	20%	115	94
Punjab	Faridkot	6	1150	190	166	14%	248	164	103	68	72%	70%	44	44	23%	57	34
Punjab	Fatehgarh Sahib	6	1140	193	104	9%	184	124	84	57	60%	76%	27	37	25%	36	33
Punjab	Firozpur	19	2732	143	355	13%	503	105	252	53	55%	75%	83	48	13%	120	91
Punjab	Gurdaspur	23	2988	130	358	12%	534	93	270	47	49%	78%	78	65	16%	121	102
Punjab	Hoshiarpur	16	2611	161	278	11%	405	100	188	46	49%	72%	74	53	17%	90	82
Punjab	Jalandhar	21	3042	142	445	15%	692	129	264	49	52%	71%	110	179	32%	139	116
Punjab	Kapurthala	8	1213	147	125	10%	210	102	87	42	44%	63%	51	39	22%	33	28
Punjab	Ludhiana	33	5162	155	603	12%	1191	143	393	47	50%	59%	273	257	28%	268	159
Punjab	Mansa-PU	8	1592	211	192	12%	231	122	127	67	71%	84%	24	30	17%	50	40
Punjab	Moga	10	1064	109	195	18%	282	116	149	61	65%	84%	29	50	22%	54	42
Punjab	Mohali	7	1064	146	104	10%	238	131	90	49	52%	74%	31	70	37%	47	28
Punjab	Muktsar	9	1456	171	177	12%	246	115	107	50	53%	66%	55	34	17%	49	35
Punjab	Nawanshahr	6	978	152	130	13%	192	119	102	63	67%	80%	26	23	15%	41	38
Punjab	Patiala	20	3446	171	409	12%	674	134	233	46	49%	66%	118	183	34%	140	106
Punjab	Rupnagar	7	1422	195	164	12%	225	123	117	64	68%	78%	33	37	20%	38	35
Punjab	Sangrur	16	2976	186	283	10%	532	133	206	52	54%	61%	130	76	18%	120	98
Punjab	Tarn Taran	12	1530	124	212	14%	418	136	198	64	68%	75%	65	79	23%	76	61
Rajasthan	Ajmer	25	3853	152	697	18%	1215	192	354	56	70%	53%	320	235	26%	306	239
Rajasthan	Alwar	35	4167	120	569	14%	1214	140	432	50	62%	52%	404	188	18%	190	172
Rajasthan	Banswara †	17	2103	120	541	26%	783	179	384	88	110%	67%	193	56	9%	150	146
Rajasthan	Baran	12	2000	168	340	17%	539	181	204	69	86%	59%	144	70	17%	121	103
Rajasthan	Barmer	23	2559	112	306	12%	696	122	231	40	51%	46%	270	53	10%	142	98
Rajasthan	Bharatpur	24	2195	90	318	14%	706	116	190	31	39%	38%	308	55	10%	153	119
Rajasthan	Bhilwara	23	3776	161	800	21%	1332	228	431	74	92%	58%	312	199	21%	390	333
Rajasthan	Bikaner	22	3305	150	454	14%	580	105	261	47	59%	76%	84	113	25%	122	87
Rajasthan	Bundi	11	1131	101	233	21%	431	154	148	53	66%	55%	121	40	13%	122	95
Rajasthan	Chittaurgarh	21	2410	115	374	16%	837	160	316	60	75%	60%	207	112	18%	202	182
Rajasthan	Churu	20	1798	91	300	17%	575	116	176	36	45%	51%	167	83	19%	149	119
Rajasthan	Dausa	15	1999	130	218	11%	517	135	163	43	53%	46%	194	60	14%	100	87
Rajasthan	Dhauipur	11	1912	167	274	14%	522	183	192	67	84%	51%	186	34	8%	110	91
Rajasthan	Dungarpur †	13	1564	121	393	25%	653	203	301	93	117%	63%	180	36	7%	136	123
Rajasthan	Ganganagar	21	2645	127	359	14%	835	160	295	57	71%	51%	280	116	17%	144	104
Rajasthan	Hanumangarh	18	2136	121	418	20%	636	144	216	49	61%	64%	120	104	24%	196	162
Rajasthan	Jaipur	30	8266	271	1088	13%	1221	160	372	49	61%	56%	291	245	27%	313	242
Rajasthan	Jaipur DTC II	31	5365	175	525	10%	1104	144	336	44	55%	52%	311	197	23%	260	196
Rajasthan	Jaisalmer	6	876	148	75	9%	120	81	53	36	45%	67%	26	18	19%	23	21
Rajasthan	Jalore	17	1520	90	252	17%	646	153	190	45	56%	40%	281	24	5%	150	96

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Orissa	Sambalpur	18%	16	5%	91%	82%	82%	88%	10	6.9%	8	6%	119	91%	131	100%	87	70%	355	98%
Orissa	Sonapur	15%	9	6%	92%	88%	92%	99%	0	0.0%	1	1%	83	94%	88	100%	40	69%	6	3%
Orissa	Sundargarh †	14%	26	4%	92%	84%	85%	88%	16	4.0%	33	8%	277	77%	359	100%	193	68%	0	0%
Puducherry	Puducherry	19%	35	11%	90%	88%	88%	94%	3	1.2%	11	5%	172	76%	199	88%	137	88%	0	0%
Punjab	Amritsar	29%	41	7%	90%	85%	85%	92%	20	4.9%	11	3%	360	96%	375	100%	250	100%	0	0%
Punjab	Barnala	24%	10	8%	88%	91%	91%	96%	0	0.0%	4	4%	114	98%	113	97%	55	80%	0	0%
Punjab	Bathinda	36%	22	7%	95%	93%	93%	95%	2	0.8%	10	4%	225	99%	227	100%	176	100%	49	11%
Punjab	Faridkot	25%	9	5%	89%	86%	90%	91%	9	5.9%	4	3%	130	95%	129	94%	87	100%	88	35%
Punjab	Fatehgarh Sahib	28%	13	9%	91%	83%	83%	96%	0	0.0%	4	4%	102	87%	117	100%	69	91%	80	43%
Punjab	Firozpur	27%	24	6%	88%	79%	81%	92%	12	3.5%	14	4%	311	91%	324	94%	196	92%	28	6%
Punjab	Gurdaspur	27%	16	4%	94%	89%	91%	98%	2	0.6%	6	2%	329	88%	369	99%	277	91%	7	1%
Punjab	Hoshiarpur	30%	12	4%	91%	86%	87%	99%	2	0.7%	0	0%	262	97%	270	100%	213	97%	5	1%
Punjab	Jalandhar	31%	33	6%	84%	80%	80%	92%	15	3.6%	20	5%	364	96%	362	95%	236	77%	75	11%
Punjab	Kapurthala	24%	11	6%	92%	95%	96%	92%	8	6.7%	2	2%	109	95%	115	100%	108	95%	39	19%
Punjab	Ludhiana	29%	98	11%	91%	86%	88%	88%	1	0.2%	67	12%	469	85%	540	98%	383	91%	227	19%
Punjab	Mansa-PU	24%	6	3%	93%	87%	94%	95%	0	0.0%	9	5%	157	94%	167	100%	108	97%	0	0%
Punjab	Moga	22%	12	5%	98%	90%	90%	98%	0	0.0%	3	2%	189	99%	187	98%	148	95%	14	5%
Punjab	Mohali	24%	5	3%	82%	80%	83%	91%	4	4.5%	4	4%	102	86%	118	100%	97	92%	63	26%
Punjab	Muksar	25%	10	5%	92%	88%	92%	85%	7	4.3%	18	11%	130	92%	142	100%	118	90%	12	100%
Punjab	Nawanshahr	27%	9	6%	93%	89%	89%	99%	0	0.0%	1	1%	132	94%	140	100%	102	92%	12	6%
Punjab	Patiala	31%	45	8%	84%	78%	81%	96%	1	0.3%	14	4%	300	88%	316	93%	196	88%	3	2%
Punjab	Rupnagar	23%	4	2%	97%	97%	97%	95%	2	1.3%	6	4%	139	91%	152	100%	127	86%	25	11%
Punjab	Sangrur	32%	25	6%	88%	83%	86%	96%	1	0.4%	10	4%	280	92%	298	98%	157	90%	25	5%
Punjab	Tarn Taran	24%	13	4%	92%	88%	91%	100%	1	0.5%	0	0%	256	99%	259	100%	134	100%	14	3%
Rajasthan	Ajmer	40%	107	12%	90%	85%	85%	93%	7	1.1%	38	6%	488	82%	556	94%	418	88%	79	7%
Rajasthan	Alwar	28%	38	4%	94%	90%	91%	95%	1	0.2%	30	5%	527	87%	576	95%	478	92%	162	13%
Rajasthan	Banswara †	28%	27	4%	91%	86%	90%	88%	0	0.0%	65	12%	392	74%	492	93%	269	69%	79	10%
Rajasthan	Baran	34%	32	8%	92%	90%	92%	96%	1	0.3%	10	3%	281	92%	298	97%	211	86%	145	27%
Rajasthan	Barmer	30%	12	2%	91%	83%	86%	95%	0	0.0%	15	5%	282	86%	326	99%	181	86%	7	1%
Rajasthan	Bharatpur	39%	37	7%	92%	86%	86%	95%	1	0.3%	13	4%	258	83%	309	100%	185	69%	36	5%
Rajasthan	Bhilwara	44%	42	4%	93%	89%	89%	96%	6	0.8%	28	4%	719	94%	758	99%	613	93%	88	7%
Rajasthan	Bikaner	25%	26	6%	90%	87%	87%	94%	3	0.8%	19	5%	299	86%	324	93%	262	88%	85	15%
Rajasthan	Bundi	39%	11	4%	93%	87%	87%	92%	1	0.4%	17	7%	224	92%	238	98%	107	65%	20	5%
Rajasthan	Chittaurgarh	37%	22	3%	92%	87%	90%	98%	0	0.0%	8	2%	365	73%	463	93%	317	75%	93	11%
Rajasthan	Churu	40%	34	8%	90%	88%	89%	93%	0	0.0%	21	7%	258	87%	268	91%	241	89%	20	3%
Rajasthan	Dausa	35%	25	6%	93%	87%	87%	92%	2	1.0%	14	7%	202	81%	250	100%	138	59%	38	7%
Rajasthan	Dhaulpur	32%	36	9%	92%	89%	89%	95%	1	0.4%	13	5%	228	81%	278	98%	184	77%	202	39%
Rajasthan	Dungarpur †	29%	14	3%	91%	88%	92%	98%	0	0.0%	9	2%	340	80%	424	100%	298	78%	37	6%
Rajasthan	Ganganagar	26%	28	4%	92%	87%	87%	96%	3	0.8%	10	3%	359	90%	395	99%	246	81%	100	12%
Rajasthan	Hanumangarh	43%	27	6%	90%	87%	89%	90%	1	0.3%	37	9%	336	89%	343	91%	278	90%	13	2%
Rajasthan	Jaipur	39%	73	8%	95%	91%	91%	91%	9	1.3%	54	8%	438	71%	576	94%	354	71%	301	25%
Rajasthan	Jaipur DTC II	37%	64	8%				92%	1	0.2%	38	8%	396	74%	492	92%	425	85%	88	8%
Rajasthan	Jaisalmer	28%	4	4%	91%	88%	90%	94%	3	4.5%	1	1%	64	86%	69	93%	46	88%	7	6%
Rajasthan	Jalore	34%	11	2%	89%	89%	90%	97%	0	0.0%	7	3%	258	90%	281	98%	314	90%	1	0%



**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Popu- lation (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualize d total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)		% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registere d for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment
Rajasthan	Jhalawar	14	1421	103	304	21%	460	134	165	48	60%	54%	139	28	8%	128	110
Rajasthan	Jhunjhunun	22	2386	107	318	13%	565	102	186	33	42%	60%	125	102	25%	152	122
Rajasthan	Jodhpur	34	4384	131	557	13%	936	112	283	34	42%	51%	274	185	25%	194	136
Rajasthan	Karauli	14	2248	160	329	15%	618	176	218	62	78%	48%	233	30	6%	137	106
Rajasthan	Kota	18	2067	113	380	18%	690	151	257	56	70%	56%	206	88	16%	139	108
Rajasthan	Nagaur	32	2790	86	402	14%	843	104	280	35	43%	49%	294	99	15%	170	127
Rajasthan	Pali	21	2482	117	365	15%	636	120	226	43	53%	53%	202	80	16%	128	105
Rajasthan	Rajsamand	11	1161	101	270	23%	432	151	147	51	64%	52%	138	52	15%	91	83
Rajasthan	Sawai Madhopur	13	2104	162	284	13%	497	153	179	55	69%	59%	124	76	20%	118	83
Rajasthan	Sikar	27	2807	105	365	13%	692	104	205	31	39%	46%	243	67	13%	177	113
Rajasthan	Sirohi	10	1628	164	239	15%	380	154	167	67	84%	73%	63	28	11%	122	91
Rajasthan	Tonk	14	2200	156	410	19%	773	219	253	72	90%	55%	204	104	19%	212	193
Rajasthan	Udaipur	31	5600	183	1532	27%	1675	219	687	90	112%	62%	425	211	16%	352	277
Sikkim	East	3	982	361	94	10%	191	281	53	78	104%	55%	43	55	36%	40	30
Sikkim	North *	0.5	71	156	10	14%	34	298	8	70	94%	47%	9	4	19%	13	7
Sikkim	South **	1	287	196	29	10%	62	170	17	47	62%	59%	12	18	38%	15	6
Sikkim	West **	1	199	145	18	9%	57	166	21	61	82%	68%	10	14	31%	12	8
Tamil Nadu	Chennai	45	16120	355	1489	9%	1622	143	629	55	74%	66%	325	414	30%	254	221
Tamil Nadu	Coimbatore	46	7062	155	616	9%	1032	91	501	44	59%	72%	191	201	23%	139	103
Tamil Nadu	Cuddalore	25	7583	309	349	5%	784	128	266	43	58%	55%	220	147	23%	151	124
Tamil Nadu	Dharmapuri	14	3523	254	196	6%	316	91	111	32	43%	58%	81	63	25%	61	46
Tamil Nadu	Dindigul	21	4970	240	467	9%	673	130	257	50	66%	55%	212	142	23%	62	55
Tamil Nadu	Erode	28	8087	292	653	8%	673	97	346	50	67%	73%	130	101	18%	96	76
Tamil Nadu	Kancheepuram	31	3406	110	258	8%	1072	139	407	53	70%	64%	229	292	31%	144	117
Tamil Nadu	Kanniyakumari	18	4493	250	256	6%	371	82	155	34	46%	58%	113	71	21%	32	28
Tamil Nadu	Karur	10	1602	159	146	9%	347	138	144	57	76%	58%	104	42	14%	57	33
Tamil Nadu	Krishnagiri	17	3825	229	188	5%	425	102	157	38	50%	50%	157	54	15%	57	45
Tamil Nadu	Madurai	28	6481	235	620	10%	876	127	323	47	62%	61%	207	156	23%	190	140
Tamil Nadu	Nagapattinam	16	2462	154	162	7%	336	84	141	35	47%	56%	109	48	16%	38	34
Tamil Nadu	Namakkal	16	2557	159	242	9%	411	102	218	54	72%	79%	58	69	20%	66	59
Tamil Nadu	Perambalur	13	1859	146	180	10%	345	108	149	47	62%	62%	91	67	22%	38	32
Tamil Nadu	Pudukkottai	16	2806	179	162	6%	339	87	117	30	40%	50%	115	65	22%	42	31
Tamil Nadu	Ramanathapuram	13	3158	248	180	6%	349	109	177	56	74%	73%	66	57	19%	49	41
Tamil Nadu	Salem	32	5001	155	459	9%	806	100	329	41	54%	66%	166	182	27%	129	99
Tamil Nadu	Sivaganga	12	3111	251	193	6%	332	107	149	48	64%	59%	103	47	16%	33	25
Tamil Nadu	Thanjavur	24	7936	334	414	5%	654	110	254	43	57%	60%	166	142	25%	92	69
Tamil Nadu	The Nilgiris	8	1282	156	44	3%	117	57	40	19	26%	50%	40	26	25%	11	7
Tamil Nadu	Theni	12	3290	279	208	6%	356	121	134	45	61%	56%	106	61	20%	55	38
Tamil Nadu	Thiruvallur	30	8484	287	326	4%	1004	136	356	48	64%	61%	227	244	30%	177	150
Tamil Nadu	Thiruvarur	13	1817	145	153	8%	380	121	124	39	53%	44%	159	56	17%	41	26
Tamil Nadu	Tiruchirappalli	26	6464	251	513	8%	904	140	358	56	74%	58%	262	206	25%	78	54
Tamil Nadu	Tirunelveli	30	6033	200	414	7%	936	124	339	45	60%	53%	295	159	20%	143	118
Tamil Nadu	Tiruvanamalai	24	5930	252	537	9%	810	138	381	65	86%	66%	197	114	16%	118	104
Tamil Nadu	Toothukudi	17	3698	219	313	8%	542	128	237	56	75%	62%	145	91	19%	69	53
Tamil Nadu	Vellore	38	15587	415	665	4%	1355	144	508	54	72%	59%	352	370	30%	124	95

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Rajasthan	Jhalawar	40%	11	3%	90%	87%	89%	95%	3	1.1%	12	4%	232	84%	267	97%	163	73%	58	13%
Rajasthan	Jhunjhunun	40%	29	7%	90%	84%	84%	85%	1	0.3%	44	14%	253	82%	308	100%	177	78%	31	5%
Rajasthan	Jodhpur	32%	36	5%	93%	90%	90%	90%	0	0.0%	47	10%	317	76%	416	99%	261	70%	61	7%
Rajasthan	Karauli	33%	13	3%	94%	87%	91%	94%	0	0.0%	17	6%	248	77%	304	94%	238	80%	132	21%
Rajasthan	Kota	30%	40	7%	91%	89%	92%	95%	2	0.6%	16	5%	333	91%	348	95%	303	85%	102	15%
Rajasthan	Nagaur	31%	31	5%	92%	85%	88%	91%	2	0.5%	32	8%	369	91%	387	95%	298	85%	67	8%
Rajasthan	Pali	32%	20	4%	90%	87%	90%	94%	0	0.0%	21	6%	228	69%	331	100%	176	67%	32	5%
Rajasthan	Rajsamand	36%	13	4%	91%	86%	87%	90%	3	1.2%	22	9%	173	75%	225	98%	169	82%	76	18%
Rajasthan	Sawai Madhopur	32%	15	4%	92%	86%	90%	98%	0	0.0%	4	2%	229	87%	262	100%	172	85%	57	11%
Rajasthan	Sikar	36%	28	5%	90%	86%	87%	93%	0	0.0%	25	7%	275	86%	302	95%	269	86%	14	2%
Rajasthan	Sirohi	35%	14	5%	93%	87%	87%	94%	0	0.0%	15	6%	235	91%	258	100%	160	84%	57	15%
Rajasthan	Tonk	43%	18	3%	93%	87%	88%	97%	0	0.0%	10	3%	395	89%	432	97%	305	90%	140	18%
Rajasthan	Udaipur	29%	82	6%	92%	88%	90%	97%	3	0.3%	31	3%	820	85%	949	98%	569	76%	459	27%
Sikkim	East	36%	18	12%	84%	86%	86%	91%	4	5.3%	3	4%	81	98%	82	99%	60	98%	30	16%
Sikkim	North **	47%	2	10%	81%	100%	100%	100%	0	0.0%	0	0%	15	100%	15	100%	6	100%	20	59%
Sikkim	South **	26%	4	9%	88%	92%	92%	95%	0	0.0%	1	5%	23	100%	23	100%	27	100%	29	47%
Sikkim	West **	28%	4	9%	84%	89%	89%	94%	0	0.0%	1	6%	28	97%	28	97%	25	100%	24	42%
Tamil Nadu	Chennai	26%	111	8%	91%	84%	84%	92%	1	0.1%	70	8%	489	78%	629	100%	434	91%	55	3%
Tamil Nadu	Coimbatore	17%	42	5%	91%	84%	84%	94%	0	0.0%	33	6%	504	83%	604	100%	391	90%	43	4%
Tamil Nadu	Cuddalore	32%	60	9%	97%	90%	91%	86%	5	1.6%	40	13%	306	78%	378	97%	234	74%	23	3%
Tamil Nadu	Dharmapuri	29%	15	6%	90%	83%	83%	99%	0	0.0%	1	1%	133	85%	154	98%	16	80%	117	79%
Tamil Nadu	Dindigul	18%	97	16%	90%	86%	87%	84%	62	16.2%	1	0%	244	78%	304	97%	166	75%	293	44%
Tamil Nadu	Erode	18%	10	2%	90%	85%	85%	93%	0	0.0%	32	7%	339	80%	408	97%	223	72%	144	21%
Tamil Nadu	Kancheepuram	22%	105	11%	92%	87%	87%	97%	1	0.5%	5	2%	464	84%	544	99%	384	92%	185	17%
Tamil Nadu	Kanniyakumari	15%	39	12%	84%	81%	81%	69%	1	0.5%	58	30%	130	84%	155	100%	64	57%	250	74%
Tamil Nadu	Karur	19%	13	4%	91%	94%	94%	96%	0	0.0%	6	4%	136	77%	177	100%	118	72%	42	12%
Tamil Nadu	Krishnagiri	22%	22	6%	94%	88%	88%	95%	0	0.0%	9	5%	162	80%	162	80%	148	80%	95	22%
Tamil Nadu	Madurai	30%	93	14%	87%	81%	81%	97%	0	0.0%	15	3%	296	92%	269	83%	245	91%	155	18%
Tamil Nadu	Nagapattinam	19%	43	14%	88%	84%	84%	92%	0	0.0%	13	8%	142	81%	174	99%	82	77%	44	13%
Tamil Nadu	Namakkal	21%	18	5%	93%	90%	90%	99%	0	0.0%	2	1%	251	91%	277	100%	182	89%	274	67%
Tamil Nadu	Perambalur	18%	27	9%	88%	82%	82%	95%	0	0.0%	9	5%	141	77%	173	95%	110	80%	95	28%
Tamil Nadu	Pudukkottai	21%	30	10%	88%	87%	89%	92%	5	3.2%	8	5%	105	71%	130	88%	108	74%	82	24%
Tamil Nadu	Ramanathapuram	19%	32	11%	93%	87%	87%	95%	0	0.0%	8	5%	179	82%	218	100%	127	88%	101	29%
Tamil Nadu	Salem	23%	51	8%	88%	84%	85%	92%	1	0.2%	34	8%	339	79%	422	99%	191	54%	219	27%
Tamil Nadu	Sivaganga	14%	33	11%	91%	84%	85%	98%	0	0.0%	3	2%	139	80%	146	84%	67	63%	76	23%
Tamil Nadu	Thanjavur	21%	59	10%	91%	81%	81%	98%	7	2.2%	1	0%	308	95%	320	99%	220	94%	55	8%
Tamil Nadu	The Nilgiris	15%	22	21%	91%	79%	79%	93%	0	0.0%	3	7%	46	98%	47	100%	33	100%	41	35%
Tamil Nadu	Theni	22%	17	6%	86%	84%	85%	99%	0	0.0%	2	1%	128	74%	167	97%	95	74%	43	12%
Tamil Nadu	Thiruvallur	30%	55	7%	93%	88%	89%	92%	0	0.0%	20	8%	369	73%	506	100%	317	81%	219	22%
Tamil Nadu	Thiruvarur	17%	46	14%	89%	89%	89%	93%	2	1.4%	8	6%	127	85%	150	100%	90	76%	47	12%
Tamil Nadu	Tiruchirappalli	13%	47	6%	95%	90%	90%	97%	0	0.0%	11	3%	405	98%	412	100%	282	100%	301	39%
Tamil Nadu	Tirunelveli	26%	75	9%	84%	81%	83%	97%	0	0.0%	11	3%	358	90%	437	110%	151	60%	237	25%
Tamil Nadu	Tiruvanamalai	21%	78	11%	96%	90%	91%	95%	0	0.0%	22	5%	374	77%	480	99%	235	68%	186	23%
Tamil Nadu	Toothukudi	18%	39	8%	92%	87%	87%	96%	2	0.7%	11	4%	259	89%	286	99%	195	97%	205	38%
Tamil Nadu	Vellore	16%	37	3%	90%	86%	88%	96%	0	0.0%	22	4%	580	96%	603	100%	461	74%	502	87%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Tamil Nadu	Viluppuram	32	23639	745	401	2%	1250	158	419	53	70%	49%	435	233	21%	163	135
Tamil Nadu	Virudhunagar	19	3353	178	311	9%	569	121	199	42	56%	48%	219	72	15%	79	67
Tripura	Dhalai *	3	478	140	38	8%	54	63	31	36	48%	67%	15	2	4%	6	3
Tripura	North Tripura	7	669	102	44	7%	93	57	44	27	36%	66%	23	7	9%	19	11
Tripura	South Tripura	8	986	116	78	8%	121	57	71	33	45%	85%	13	18	18%	19	15
Tripura	West Tripura	17	2708	159	263	10%	394	92	220	52	69%	78%	63	72	20%	39	35
Uttar Pradesh	Agra	42	9131	216	1432	16%	1924	182	649	61	65%	65%	343	299	23%	612	456
Uttar Pradesh	Aligarh	35	6824	195	876	13%	1456	166	592	68	71%	55%	492	183	14%	189	138
Uttar Pradesh	Allahabad	58	10428	180	1357	13%	1972	136	758	52	55%	56%	607	203	13%	404	306
Uttar Pradesh	Ambedkar Nagar	24	2141	90	379	18%	494	83	310	52	55%	78%	88	43	10%	53	46
Uttar Pradesh	Auraiya	14	1988	144	324	16%	521	151	236	68	72%	67%	118	48	12%	119	100
Uttar Pradesh	Azamgarh	46	4745	103	621	13%	1127	97	469	41	43%	57%	360	93	10%	205	102
Uttar Pradesh	Baghpat	14	1958	144	285	15%	413	121	213	63	66%	77%	63	32	10%	105	91
Uttar Pradesh	Bahraich **	31	4793	153	679	14%	1213	155	468	60	63%	47%	534	90	8%	121	118
Uttar Pradesh	Ballia	32	2493	77	361	14%	727	90	326	40	43%	54%	281	80	12%	40	25
Uttar Pradesh	Balrampur	20	2399	122	307	13%	590	120	273	55	58%	53%	239	44	8%	34	28
Uttar Pradesh	Banda **	18	2548	145	331	13%	418	95	150	34	36%	69%	68	39	15%	153	132
Uttar Pradesh	Barabanki **	36	5169	144	740	14%	1274	142	590	66	69%	63%	348	154	14%	182	173
Uttar Pradesh	Bareilly	42	8377	199	1049	13%	1456	138	573	54	57%	61%	366	146	13%	371	266
Uttar Pradesh	Basti **	24	2544	105	388	15%	759	125	300	50	52%	50%	298	108	15%	53	41
Uttar Pradesh	Bijnor **	37	6147	168	705	11%	1006	110	585	64	67%	81%	137	150	17%	134	112
Uttar Pradesh	Budaun **	36	6925	193	821	12%	1251	139	582	65	68%	64%	324	37	4%	308	220
Uttar Pradesh	Bulandshahar	34	5986	175	797	13%	1753	205	632	74	78%	47%	721	168	11%	232	173
Uttar Pradesh	Chandauli	19	2119	110	303	14%	452	94	223	46	49%	68%	104	43	11%	74	57
Uttar Pradesh	Chitrakoot	9	1076	115	150	14%	345	147	113	48	51%	44%	141	23	8%	68	37
Uttar Pradesh	Deoria	32	2501	78	314	13%	518	65	247	31	33%	69%	111	69	16%	91	47
Uttar Pradesh	Etah	18	3464	191	431	12%	693	153	277	61	64%	63%	165	117	21%	132	115
Uttar Pradesh	Etawah	16	3644	232	519	14%	643	164	288	73	77%	70%	121	87	18%	147	139
Uttar Pradesh	Faizabad	20	2683	135	346	13%	644	129	263	53	56%	55%	217	85	15%	79	59
Uttar Pradesh	Farrukhabad	18	2658	144	378	14%	563	122	270	58	62%	70%	114	77	17%	102	90
Uttar Pradesh	Fatehpur **	27	4030	149	475	12%	776	115	373	55	58%	66%	189	93	14%	121	101
Uttar Pradesh	Firozabad	24	2652	111	496	19%	933	156	293	49	52%	60%	193	140	22%	307	172
Uttar Pradesh	Gautam Budh Nagar	14	2612	187	336	13%	763	219	237	68	72%	54%	201	172	28%	153	104
Uttar Pradesh	Ghaziabad	39	7282	189	1045	14%	2299	239	823	85	90%	57%	617	402	22%	457	290
Uttar Pradesh	Ghaziipur	36	3341	94	505	15%	783	88	412	46	49%	69%	185	70	10%	116	80
Uttar Pradesh	Gonda	32	2940	91	470	16%	1105	137	386	48	50%	42%	527	87	9%	104	77
Uttar Pradesh	Gorakhpur	44	5170	117	676	13%	833	75	430	39	41%	74%	155	89	13%	157	134
Uttar Pradesh	Hamirpur-UP **	12	1694	139	238	14%	363	119	154	50	53%	53%	135	36	11%	38	30
Uttar Pradesh	Hardoi **	40	7009	176	912	13%	1792	180	723	73	77%	50%	718	102	7%	248	169
Uttar Pradesh	Hathras	16	2390	153	344	14%	552	141	273	70	74%	71%	110	16	4%	148	67
Uttar Pradesh	Jalaun **	17	2630	154	326	12%	592	139	244	57	60%	61%	157	81	17%	110	61
Uttar Pradesh	Jaunpur	46	4610	101	762	17%	1659	145	571	50	53%	45%	708	253	16%	125	84
Uttar Pradesh	Jhansi **	20	1891	92	337	18%	512	100	226	44	47%	69%	102	35	10%	149	83
Uttar Pradesh	Jyotiba Phule Nagar **	18	3704	211	403	11%	520	119	300	68	72%	76%	94	22	5%	104	98

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Tamil Nadu	Viluppuram	24%	177	16%	91%	88%	89%	96%	5	1.3%	9	2%	442	80%	536	97%	285	64%	160	13%
Tamil Nadu	Virudhunagar	25%	75	15%	91%	83%	83%	97%	0	0.0%	8	3%	192	72%	266	100%	87	44%	103	18%
Tripura	Dhalai *	9%	2	4%	97%	92%	94%	100%	0	0.0%	0	0%	40	93%	41	95%	33	92%	62	86%
Tripura	North Tripura	20%	3	4%	89%	88%	91%	98%	0	0.0%	1	2%	46	88%	47	90%	43	80%	68	73%
Tripura	South Tripura	17%	1	1%	93%	84%	84%	93%	0	0.0%	5	7%	67	78%	81	94%	45	71%	38	31%
Tripura	West Tripura	14%	15	4%	91%	87%	88%	96%	8	3.1%	1	0%	195	77%	252	100%	154	79%	151	40%
Uttar Pradesh	Agra	41%	252	19%	91%	86%	89%	94%	0	0.0%	85	6%	958	87%	1105	100%	677	81%	1583	82%
Uttar Pradesh	Aligarh	19%	80	6%	94%	87%	93%	92%	0	0.0%	64	8%	686	94%	730	100%	573	93%	1357	93%
Uttar Pradesh	Allahabad	29%	107	7%	90%	80%	83%	88%	5	0.4%	133	11%	992	93%	1063	100%	619	73%	1616	82%
Uttar Pradesh	Ambedkar Nagar	13%	11	2%	86%	86%	92%	94%	0	0.0%	21	6%	306	86%	327	92%	236	77%	293	59%
Uttar Pradesh	Auraiya	30%	31	8%	91%	86%	92%	97%	0	0.0%	8	3%	210	89%	236	100%	190	87%	468	90%
Uttar Pradesh	Azamgarh	18%	47	5%	89%	83%	85%	94%	0	0.0%	37	6%	570	98%	580	100%	453	90%	412	37%
Uttar Pradesh	Baghpat	30%	9	3%	93%	87%	89%	95%	0	0.0%	14	5%	276	91%	303	100%	263	92%	358	87%
Uttar Pradesh	Bahraich **	20%	44	4%	89%	88%	88%	94%	0	0.0%	39	6%	589	100%	589	100%	695	100%	1031	85%
Uttar Pradesh	Ballia	7%	30	4%	90%	82%	89%	95%	0	0.0%	18	5%	318	91%	339	97%	290	88%	275	38%
Uttar Pradesh	Balrampur	9%	22	4%	89%	85%	85%	97%	0	0.0%	8	3%	301	100%	301	100%	265	98%	450	76%
Uttar Pradesh	Banda **	47%	15	6%	92%	86%	89%	97%	0	0.0%	10	3%	260	92%	282	100%	272	85%	292	70%
Uttar Pradesh	Barabanki **	23%	101	9%	95%	90%	91%	98%	0	0.0%	17	2%	763	100%	571	75%	571	95%	639	50%
Uttar Pradesh	Bareilly	32%	68	6%	91%	86%	88%	85%	2	0.2%	140	14%	726	87%	839	100%	671	100%	1229	84%
Uttar Pradesh	Basti **	12%	33	5%	89%	85%	86%	97%	0	0.0%	12	3%	292	86%	341	100%	274	82%	726	91%
Uttar Pradesh	Bijnor **	16%	100	11%	89%	84%	86%	93%	0	0.0%	48	7%	623	89%	697	100%	564	97%	830	83%
Uttar Pradesh	Budaun **	27%	54	6%	94%	88%	92%	96%	0	0.0%	36	4%	734	92%	799	100%	687	91%	728	61%
Uttar Pradesh	Bulandshahar	21%	100	7%	96%	89%	92%	96%	0	0.0%	28	4%	743	92%	793	99%	605	92%	568	33%
Uttar Pradesh	Chandauli	20%	20	5%	88%	83%	90%	96%	0	0.0%	11	4%	253	90%	268	96%	217	94%	387	86%
Uttar Pradesh	Chitrakoot	25%	22	8%	90%	85%	88%	92%	0	0.0%	12	8%	140	93%	108	72%	113	84%	0	0%
Uttar Pradesh	Deoria	16%	32	7%	90%	76%	89%	90%	0	0.0%	30	10%	249	85%	272	99%	159	67%	430	97%
Uttar Pradesh	Etah	29%	72	13%	95%	87%	96%	100%	1	0.2%	1	0%	347	89%	392	100%	205	85%	590	85%
Uttar Pradesh	Etawah	33%	30	6%	91%	88%	88%	98%	0	0.0%	8	2%	337	79%	427	100%	234	69%	28	4%
Uttar Pradesh	Faizabad	18%	47	8%	91%	86%	88%	98%	0	0.0%	7	2%	297	92%	322	100%	310	92%	197	31%
Uttar Pradesh	Farrukhabad	25%	31	7%	94%	88%	88%	99%	0	0.0%	5	1%	0	0%	356	99%	243	88%	326	58%
Uttar Pradesh	Fatehpur **	21%	35	5%	81%	80%	90%	95%	0	0.0%	22	5%	463	98%	470	99%	331	85%	549	70%
Uttar Pradesh	Firozabad	37%	128	20%	85%	87%	88%	96%	0	0.0%	21	4%	403	87%	464	100%	276	70%	708	90%
Uttar Pradesh	Gautam Budh Nagar	30%	47	8%	93%	87%	91%	93%	0	0.0%	22	7%	259	76%	288	84%	210	71%	480	63%
Uttar Pradesh	Ghaziabad	26%	120	7%	95%	91%	91%	98%	0	0.0%	25	2%	1105	99%	1113	100%	973	98%	1687	73%
Uttar Pradesh	Ghazipur	16%	27	4%	90%	76%	88%	96%	0	0.0%	22	4%	461	94%	492	100%	241	84%	759	97%
Uttar Pradesh	Gonda	17%	64	6%	89%	86%	91%	99%	0	0.0%	4	1%	401	87%	463	100%	373	83%	883	80%
Uttar Pradesh	Gorakhpur	24%	36	5%	92%	89%	89%	95%	0	0.0%	26	5%	447	80%	562	100%	411	79%	678	81%
Uttar Pradesh	Hamirpur-UP **	16%	14	4%	92%	88%	91%	94%	0	0.0%	12	6%	161	88%	183	99%	116	78%	91	25%
Uttar Pradesh	Hardoi **	19%	54	3%	92%	86%	89%	95%	0	0.0%	44	5%	805	90%	889	100%	638	90%	1364	76%
Uttar Pradesh	Hathras	20%	31	8%	93%	85%	91%	95%	0	0.0%	15	5%	310	91%	340	100%	244	85%	541	90%
Uttar Pradesh	Jalaun **	20%	32	7%	90%	85%	87%	96%	0	0.0%	13	4%	270	89%	295	97%	260	66%	440	74%
Uttar Pradesh	Jaunpur	13%	66	4%	91%	86%	88%	93%	0	0.0%	50	7%	580	91%	635	99%	597	91%	790	48%
Uttar Pradesh	Jhansi **	27%	11	3%	90%	88%	91%	98%	0	0.0%	7	2%	275	89%	299	97%	396	90%	268	108%
Uttar Pradesh	Jyotiba Phule Nagar **	25%	5	1%	91%	87%	87%	98%	0	0.0%	9	2%	365	92%	398	100%	293	85%	149	29%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter),  
and Treatment Outcomes (2008, Fourth quarter)**

State	District	Popu- lation (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualize d total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registerd for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
Uttar Pradesh	Kannauj	16	2998	185	343	11%	546	135	251	62%	65%	62%	152	45	10%	98	81
Uttar Pradesh	Kanpur Dehat **	19	2311	125	376	16%	568	123	305	66%	69%	78%	86	64	14%	113	90
Uttar Pradesh	Kanpur Nagar	48	8021	166	1206	15%	1437	119	512	42%	45%	64%	285	241	23%	399	270
Uttar Pradesh	Kanshiram Nagar	14	1936	134	222	11%	417	115	196	54	57%	58%	140	38	10%	42	37
Uttar Pradesh	Kaushambi	15	2612	172	387	15%	715	189	302	80	84%	58%	220	62	11%	131	85
Uttar Pradesh	Kheri	37	4621	123	592	13%	1142	122	411	44	46%	50%	412	112	12%	205	134
Uttar Pradesh	Kushinagar	34	3069	91	395	13%	651	77	331	39	41%	64%	188	68	12%	64	48
Uttar Pradesh	Lalitpur **	11	1663	145	252	15%	338	118	187	65	69%	70%	80	13	5%	58	38
Uttar Pradesh	Lucknow	43	10429	242	1451	14%	1746	162	654	61	64%	62%	406	283	21%	403	321
Uttar Pradesh	Maharajanj **	25	2704	107	334	12%	552	87	291	46	48%	65%	157	37	8%	67	50
Uttar Pradesh	Mahoba **	8	149	18	157	105%	195	94	89	43	45%	77%	27	10	8%	69	56
Uttar Pradesh	Mainpuri	19	2146	115	306	14%	544	117	198	42	45%	59%	140	41	9%	112	78
Uttar Pradesh	Mathura	24	3887	160	521	13%	811	134	377	62	66%	63%	226	96	14%	112	94
Uttar Pradesh	Mau **	22	2046	95	232	11%	469	87	189	35	37%	53%	166	54	13%	60	22
Uttar Pradesh	Meerut	35	7901	225	955	12%	1563	178	692	79	83%	61%	436	199	15%	236	191
Uttar Pradesh	Mirzapur	25	4003	162	484	12%	809	131	336	54	57%	56%	267	57	9%	149	129
Uttar Pradesh	Moradabad **	44	6931	158	967	14%	1303	119	724	66	69%	77%	215	147	14%	216	204
Uttar Pradesh	Muzaffarnagar	41	7861	190	809	10%	1261	122	590	57	60%	66%	298	146	14%	227	204
Uttar Pradesh	Pilibhit **	19	4051	211	428	11%	691	144	280	58	61%	62%	174	47	9%	190	106
Uttar Pradesh	Pratapgarh **	32	4157	130	466	11%	948	119	378	47	50%	55%	311	119	15%	132	90
Uttar Pradesh	Rae Bareli **	34	3583	107	507	14%	1199	143	394	47	49%	41%	577	121	11%	107	95
Uttar Pradesh	Rampur	23	4488	199	542	12%	892	159	355	63	66%	61%	230	100	14%	192	165
Uttar Pradesh	Saharanpur	33	6169	185	796	13%	1128	135	504	60	64%	79%	133	192	23%	299	241
Uttar Pradesh	Sant Kabir Nagar **	17	1708	102	178	10%	439	105	158	38	40%	45%	197	42	11%	42	31
Uttar Pradesh	Sant Ravidas Nagar	16	2890	183	365	13%	774	196	294	74	78%	51%	284	54	9%	142	69
Uttar Pradesh	Shahjahanpur	30	4280	143	501	12%	755	101	353	47	50%	63%	206	67	11%	129	106
Uttar Pradesh	Shravasti **	10	1266	123	190	15%	220	85	143	55	58%	84%	27	13	7%	37	35
Uttar Pradesh	Siddharthnagar **	24	2410	101	299	12%	595	100	254	43	45%	51%	240	44	8%	57	49
Uttar Pradesh	Sitapur **	42	6252	148	740	12%	1640	155	542	51	54%	44%	689	106	8%	303	205
Uttar Pradesh	Sonbhadra	17	1809	106	341	19%	432	101	256	60	63%	76%	80	31	8%	64	52
Uttar Pradesh	Sultanpur	37	4239	113	523	12%	986	106	438	47	49%	54%	379	84	9%	85	71
Uttar Pradesh	Unnao **	32	4628	146	606	13%	1210	153	449	57	60%	55%	368	174	18%	219	169
Uttar Pradesh	Varanasi	37	5504	149	781	14%	1381	150	556	60	64%	58%	401	260	21%	164	90
Uttarakhand	Almora	7	1295	181	97	7%	147	82	63	35	37%	83%	13	36	31%	32	26
Uttarakhand	Bageshwar	3	452	159	44	10%	69	97	25	35	37%	64%	14	15	28%	15	12
Uttarakhand	Chamoli	4	331	79	49	15%	93	89	35	33	35%	63%	21	13	19%	23	18
Uttarakhand	Champawat	3	397	156	40	10%	62	97	30	47	50%	81%	7	12	24%	12	11
Uttarakhand	Dehradun	15	3789	261	579	15%	670	184	211	58	61%	52%	191	128	24%	140	107
Uttarakhand	Garhwal	8	1237	156	163	13%	212	107	90	45	48%	70%	38	31	19%	53	47
Uttarakhand	Hardwar	16	2173	132	285	13%	450	110	188	46	48%	65%	102	43	13%	117	106
Uttarakhand	Nainital	9	1281	148	257	20%	373	172	106	49	51%	51%	100	40	15%	107	89
Uttarakhand	Pithoragarh	5	790	150	99	13%	147	112	69	53	55%	73%	25	25	21%	28	23
Uttarakhand	Rudraprayag	3	387	150	55	14%	119	184	38	59	62%	51%	36	17	19%	28	22
Uttarakhand	Tehri Garhwal	7	715	104	79	11%	187	109	72	42	44%	61%	47	25	17%	43	30
Uttarakhand	Udhamsingh Nagar	14	2336	167	268	11%	432	123	169	48	51%	57%	127	34	10%	102	71
Uttarakhand	Uttarkashi	3	677	203	62	9%	115	138	39	47	49%	59%	27	23	26%	26	20

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases		3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen		No (%) of Initial defaulters		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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose		No (%) of cases registered receiving DOT through a community volunteer	
Uttar Pradesh	Kannauj	24%	25	6%	93%	90%	90%	97%	0	0.0%	11	3%	304	92%	332	100%	315	98%	346	95%
Uttar Pradesh	Kanpur Dehat **	23%	24	5%	97%	90%	91%	96%	0	0.0%	13	4%	369	93%	395	100%	309	94%	457	80%
Uttar Pradesh	Kanpur Nagar	35%	99	10%	86%	75%	77%	76%	0	0.0%	252	24%	712	91%	782	100%	585	90%	860	66%
Uttar Pradesh	Kanshiram Nagar	16%	20	5%				97%	0	0.0%	6	3%	219	94%	233	100%	203	94%	255	61%
Uttar Pradesh	Kaushambi	22%	31	5%	98%	97%	97%	100%	0	0.0%	0	0%	368	95%	387	100%	286	95%	715	100%
Uttar Pradesh	Kheri	25%	60	6%	88%	79%	87%	93%	0	0.0%	42	7%	448	82%	545	100%	425	84%	891	78%
Uttar Pradesh	Kushinagar	13%	30	5%	95%	90%	93%	91%	0	0.0%	35	9%	310	82%	379	100%	266	72%	619	97%
Uttar Pradesh	Lalitpur **	17%	11	4%	87%	82%	88%	84%	0	0.0%	41	16%	217	96%	216	96%	145	79%	210	62%
Uttar Pradesh	Lucknow	33%	120	9%	84%	81%	81%	82%	0	0.0%	202	18%	956	98%	977	100%	492	97%	504	29%
Uttar Pradesh	Maharajganj **	15%	27	6%	94%	91%	92%	97%	0	0.0%	9	3%	298	87%	340	100%	265	90%	474	86%
Uttar Pradesh	Mahoba **	39%	5	4%	87%	92%	93%	97%	1	0.7%	3	2%	100	82%	122	100%	90	67%	273	83%
Uttar Pradesh	Mainpuri	28%	22	5%	91%	88%	93%	97%	0	0.0%	9	3%	198	100%	198	100%	107	53%	0	0%
Uttar Pradesh	Mathura	20%	46	7%	90%	88%	91%	94%	0	0.0%	28	6%	441	94%	471	100%	441	94%	390	48%
Uttar Pradesh	Mau **	10%	20	5%	90%	89%	96%	97%	0	0.0%	6	3%	180	85%	211	100%	193	91%	217	46%
Uttar Pradesh	Meerut	22%	75	6%	95%	89%	90%	93%	0	0.0%	64	7%	801	91%	879	100%	683	91%	1180	75%
Uttar Pradesh	Mirzapur	28%	43	7%	95%	91%	94%	96%	0	0.0%	17	4%	342	74%	369	79%	155	42%	302	63%
Uttar Pradesh	Moradabad **	22%	62	6%	90%	85%	86%	94%	0	0.0%	54	6%	926	100%	748	81%	748	89%	1024	79%
Uttar Pradesh	Muzaffarnagar	26%	62	6%	90%	86%	88%	94%	0	0.0%	50	6%	721	91%	794	100%	725	91%	959	76%
Uttar Pradesh	Pilibhit **	27%	28	6%	93%	84%	87%	98%	0	0.0%	10	2%	372	96%	384	99%	325	90%	547	79%
Uttar Pradesh	Pratapgarh **	19%	33	4%	92%	83%	90%	99%	0	0.0%	4	1%	430	92%	469	100%	251	73%	731	77%
Uttar Pradesh	Rae Bareli **	19%	53	5%	89%	81%	88%	77%	0	0.0%	115	23%	287	59%	489	100%	394	87%	782	56%
Uttar Pradesh	Rampur	32%	51	7%	92%	88%	88%	98%	0	0.0%	8	2%	326	92%	355	100%	340	97%	141	16%
Uttar Pradesh	Saharanpur	32%	61	7%	91%	88%	90%	91%	0	0.0%	71	9%	689	92%	743	100%	463	94%	954	85%
Uttar Pradesh	Sant Kabir Nagar **	16%	12	3%	87%	85%	88%	93%	0	0.0%	12	7%	147	78%	179	95%	112	74%	271	62%
Uttar Pradesh	Sant Ravidas Nagar	19%	37	6%	97%	94%	96%	100%	0	0.0%	0	0%	363	100%	300	83%	300	100%	573	74%
Uttar Pradesh	Shahjahanpur	23%	35	6%	93%	84%	87%	85%	0	0.0%	74	15%	459	100%	459	100%	499	100%	0	0%
Uttar Pradesh	Shravasti **	20%	5	3%	91%	86%	89%	100%	0	0.0%	0	0%	159	89%	178	100%	134	91%	191	87%
Uttar Pradesh	Siddharthnagar **	16%	15	3%	92%	90%	90%	95%	0	0.0%	16	5%	241	80%	303	100%	236	87%	301	51%
Uttar Pradesh	Sitapur **	27%	53	4%	91%	85%	91%	87%	0	0.0%	98	13%	675	90%	747	100%	552	89%	1137	69%
Uttar Pradesh	Sonbhadra	17%	17	5%	91%	86%	93%	88%	0	0.0%	39	12%	270	88%	298	97%	201	71%	407	97%
Uttar Pradesh	Sultanpur	14%	40	4%	92%	87%	90%	98%	1	0.2%	8	2%	480	94%	503	99%	448	93%	0	0%
Uttar Pradesh	Unnao **	27%	58	6%	92%	89%	90%	92%	0	0.0%	45	8%	591	96%	618	100%	569	93%	806	67%
Uttar Pradesh	Varanasi	14%	143	12%	91%	85%	86%	92%	0	0.0%	57	8%	603	93%	641	99%	553	90%	1079	78%
Uttarakhand	Almora	29%	10	9%	95%	85%	90%	95%	0	0.0%	4	5%	73	94%	78	100%	63	84%	85	58%
Uttarakhand	Bageshwar	32%	1	2%	88%	84%	84%	100%	0	0.0%	0	0%	23	92%	25	100%	12	48%	20	80%
Uttarakhand	Chamoli	34%	4	6%	91%	92%	92%	94%	0	0.0%	3	6%	32	91%	35	100%	44	88%	50	100%
Uttarakhand	Champawat	27%	11	22%	90%	76%	92%	84%	0	0.0%	6	16%	25	83%	30	100%	35	85%	40	65%
Uttarakhand	Dehradun	34%	50	9%	89%	75%	85%	76%	8	2.0%	36	9%	271	85%	282	89%	154	75%	605	90%
Uttarakhand	Garhwal	34%	17	11%	89%	73%	73%	91%	0	0.0%	11	9%	108	79%	121	88%	51	62%	0	0%
Uttarakhand	Hardwar	36%	21	6%	88%	86%	86%	91%	2	0.7%	22	8%	224	76%	294	100%	169	81%	206	46%
Uttarakhand	Nainital	46%	23	9%	79%	72%	79%	73%	0	0.0%	64	27%	168	86%	186	95%	92	94%	144	39%
Uttarakhand	Pithoragarh	25%	3	3%	96%	85%	87%	95%	0	0.0%	5	5%	87	93%	94	100%	53	78%	0	0%
Uttarakhand	Rudraprayag	37%	8	9%	88%	83%	83%	98%	0	0.0%	1	2%	53	88%	60	100%	33	89%	58	49%
Uttarakhand	Tehri Garhwal	29%	8	6%	87%	75%	82%	86%	3	3.9%	8	10%	64	89%	72	100%	58	68%	128	68%
Uttarakhand	Udhamsingh Nagar	30%	29	9%	91%	88%	89%	96%	0	0.0%	9	4%	229	95%	236	98%	201	97%	101	23%
Uttarakhand	Uttarkashi	34%	5	6%	95%	94%	97%	93%	0	0.0%	4	7%	36	92%	39	100%	84	73%	30	94%

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	Population (in lakh) covered by RNTCP <sup>1</sup>	No. of suspects examined	Suspects examined per lakh population	No of Smear positive patients diagnosed <sup>2</sup>	% of S+ve cases among suspects	Total patients registered for treatment <sup>3</sup>	Annualized total case detection rate	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (%)	% new sputum positive out of total new pulmonary cases	No of new smear negative cases registered for treatment	No of new EP cases registered for treatment	% of new EP cases out of all new cases	No of retreatment cases registered for treatment	No of smear positive retreatment cases registered for treatment	
West Bengal	Bankura	35	6535	185	658	10%	1034	117	515	58	78%	70%	226	188	20%	105	75
West Bengal	Bardhaman	77	12819	167	1329	10%	2239	117	925	48	64%	60%	620	278	15%	416	243
West Bengal	Birbhum	33	6021	180	721	12%	985	118	525	63	84%	71%	217	97	12%	146	108
West Bengal	Dakshin Dinajpur	17	3309	199	386	12%	612	147	363	87	116%	80%	91	72	14%	86	66
West Bengal	Darjiling **	18	3820	215	576	15%	898	202	320	72	96%	71%	131	201	31%	246	170
West Bengal	Haora	47	7722	163	781	10%	1286	109	479	40	54%	65%	260	229	24%	316	198
West Bengal	Hugli	56	7099	127	830	12%	1370	98	595	43	57%	69%	266	239	22%	270	179
West Bengal	Jalpaiguri **	38	8774	233	958	11%	1509	160	727	77	103%	75%	243	232	19%	307	217
West Bengal	Koch Bihar **	27	5764	210	446	8%	694	101	346	50	67%	74%	121	120	20%	107	66
West Bengal	Kolkata	51	10173	200	1228	12%	1653	130	566	45	59%	71%	232	400	33%	455	303
West Bengal	Maldah **	36	6644	182	787	12%	1097	120	583	64	85%	76%	189	118	13%	207	139
West Bengal	Medinipur East	49	6372	130	435	7%	601	49	334	27	36%	79%	90	83	16%	94	55
West Bengal	Medinipur West	58	7656	132	842	11%	1591	110	708	49	65%	66%	369	265	20%	249	145
West Bengal	Murshidabad	65	12235	188	1140	9%	1862	115	901	55	74%	72%	358	317	20%	286	213
West Bengal	Nadia	51	9429	185	762	8%	1181	93	545	43	57%	69%	241	176	18%	219	141
West Bengal	North 24 Parganas	99	13837	140	1424	10%	2438	99	1162	47	63%	78%	319	416	22%	541	324
West Bengal	Puruliya	28	4446	158	417	9%	951	135	364	52	69%	52%	334	84	11%	169	62
West Bengal	South 24 Parganas	77	12456	163	1079	9%	1730	90	878	46	61%	73%	328	260	18%	264	179
West Bengal	Uttar Dinajpur	27	3622	134	378	10%	646	96	310	46	61%	69%	142	83	16%	111	68
<b>Grand Total</b>		<b>11641</b>	<b>1842522</b>	<b>158</b>	<b>210886</b>	<b>11%</b>	<b>356620</b>	<b>123</b>	<b>143608</b>	<b>49</b>	<b>66%</b>	<b>61%</b>	<b>91576</b>	<b>52120</b>	<b>18%</b>	<b>68918</b>	<b>46953</b>
<b>Summary of performance of Tribal Districts</b>		<b>525</b>	<b>73223</b>	<b>139</b>	<b>10114</b>	<b>14%</b>	<b>18219</b>	<b>139</b>	<b>7658</b>	<b>58</b>	<b>78%</b>	<b>59%</b>	<b>5254</b>	<b>2275</b>	<b>15%</b>	<b>3014</b>	<b>1932</b>
<b>Summary of performance of Poor and Backward Districts</b>		<b>2643</b>	<b>320752</b>	<b>121</b>	<b>40921</b>	<b>13%</b>	<b>71950</b>	<b>109</b>	<b>30926</b>	<b>47</b>	<b>62%</b>	<b>59%</b>	<b>21713</b>	<b>6926</b>	<b>12%</b>	<b>12269</b>	<b>7939</b>
<b>Zonal Analysis</b>																	
<b>North Zone</b>		2931	465884	159	59788	13%	100536	137	39715	54	57%	61%	25739	14847	18%	20049	14591
<b>South Zone</b>		2437	516702	212	44434	9%	71433	117	29363	48	64%	62%	17740	11924	20%	12336	9215
<b>West Zone</b>		3278	470457	144	60733	13%	104276	127	39792	49	61%	60%	26734	15205	19%	22505	15223
<b>East zone</b>		2553	331753	130	38317	12%	66286	104	29162	46	61%	62%	17576	7984	15%	11473	6476
<b>North East</b>		442	57726	131	7614	13%	14089	128	5576	50	67%	60%	3787	2160	19%	2555	1448

**Performance of RNTCP Case Detection (2009, Fourth quarter), Smear Conversion (2009, Third quarter), and Treatment Outcomes (2008, Fourth quarter)**

State	District	% of smear positive retreatment cases out of all smear positive cases	No (%) of pediatric cases out of all New cases	3 month conversion rate of new smear positive patients <sup>4</sup>	Cure rate of new smear positive patients <sup>5</sup>	Success rate of new smear positive patients <sup>5</sup>	% smear positive patients living in the district placed on DOTS	No (%) of patients put on Non-DOTS treatment regimen	No (%) of Initial defaulters	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 cured Smear Positive cases having end of treatment follow-up sputum done within 7 days of last dose	No (%) of cases registered receiving DOT through a community volunteer							
West Bengal	Bankura	13%	26	3%	93%	88%	89%	91%	0	0.0%	56	9%	452	77%	559	95%	379	85%	0	0%
West Bengal	Bardhaman	21%	70	4%	89%	82%	83%	90%	0	0.0%	117	10%	768	66%	1062	92%	493	62%	416	28%
West Bengal	Birbhum	17%	28	3%	85%	85%	86%	88%	0	0.0%	81	12%	492	78%	581	92%	416	84%	115	12%
West Bengal	Dakshin Dinajpur	15%	26	5%	84%	80%	83%	90%	0	0.0%	37	10%	265	62%	324	76%	253	88%	98	16%
West Bengal	Darjiling **	35%	65	10%	88%	81%	83%	77%	2	0.4%	123	23%	320	65%	329	67%	234	69%	359	40%
West Bengal	Haora	29%	75	8%	84%	78%	80%	94%	4	0.5%	40	5%	547	81%	640	95%	424	83%	504	39%
West Bengal	Hugli	23%	42	4%	86%	84%	86%	83%	0	0.0%	133	17%	522	67%	748	97%	456	74%	358	38%
West Bengal	Jalpaiguri **	23%	65	5%	90%	89%	89%	97%	0	0.0%	27	3%	826	88%	916	97%	806	91%	143	9%
West Bengal	Koch Bihar **	16%	16	3%	87%	87%	88%	97%	0	0.0%	13	3%	305	74%	403	98%	311	83%	131	19%
West Bengal	Kolkata	35%	120	10%	79%	79%	79%	85%	1	0.1%	148	15%	780	88%	869	100%	668	98%	509	31%
West Bengal	Maldah **	19%	60	7%	88%	85%	86%	83%	4	0.5%	132	17%	461	64%	548	76%	345	64%	107	10%
West Bengal	Medinipur East	14%	17	3%	86%	77%	79%	88%	1	0.2%	52	12%	293	69%	362	85%	239	62%	61	10%
West Bengal	Medinipur West	17%	43	3%	91%	88%	89%	87%	5	0.6%	104	12%	625	73%	655	77%	504	79%	262	16%
West Bengal	Murshidabad	19%	88	6%	91%	87%	88%	93%	0	0.0%	82	7%	904	81%	1074	96%	743	83%	328	23%
West Bengal	Nadia	21%	34	4%	88%	87%	88%	97%	0	0.0%	21	3%	553	81%	684	100%	475	83%	231	20%
West Bengal	North 24 Parganas	22%	114	6%	89%	87%	87%	92%	4	0.3%	106	8%	1403	94%	1480	100%	1187	94%	1437	59%
West Bengal	Puruliya	15%	39	5%	90%	87%	89%	93%	0	0.0%	27	7%	288	68%	405	95%	309	87%	110	12%
West Bengal	South 24 Parganas	17%	80	5%	89%	87%	89%	95%	0	0.0%	49	5%	774	73%	1047	99%	660	87%	523	30%
West Bengal	Uttar Dinajpur	18%	39	7%	90%	85%	87%	93%	0	0.0%	27	7%	326	86%	363	96%	260	81%	83	13%

<b>Grand Total</b>	<b>25%</b>	<b>19835</b>	<b>7%</b>	<b>90%</b>	<b>85%</b>	<b>87%</b>	<b>92%</b>	<b>1205</b>	<b>0.6%</b>	<b>13269</b>	<b>7%</b>	<b>162497</b>	<b>87%</b>	<b>180669</b>	<b>96%</b>	<b>122888</b>	<b>80%</b>	<b>138162</b>	<b>43%</b>
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<b>Summary of performance of Tribal Districts</b>	<b>20%</b>	<b>1080</b>	<b>7%</b>	<b>90%</b>	<b>85%</b>	<b>88%</b>	<b>92%</b>	<b>81</b>	<b>1.0%</b>	<b>704</b>	<b>7%</b>	<b>7928</b>	<b>84%</b>	<b>9192</b>	<b>96%</b>	<b>5778</b>	<b>77%</b>	<b>7921</b>	<b>50%</b>
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<b>Summary of performance of Poor and Backward Districts</b>	<b>20%</b>	<b>3677</b>	<b>6%</b>	<b>89%</b>	<b>84%</b>	<b>89%</b>	<b>93%</b>	<b>77</b>	<b>0.0%</b>	<b>2580</b>	<b>7%</b>	<b>32753</b>	<b>86%</b>	<b>36029</b>	<b>95%</b>	<b>25020</b>	<b>78%</b>	<b>29041</b>	<b>47%</b>
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**Zonal Analysis**

Zone	%	No.	%	%	%	%	%	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
North Zone	27%	5689	7%	91%	86%	88%	93%	197	0%	3558	6%	48310	91%	52167	98%	39468	88%	47094	52%	
South Zone	24%	4370	7%	90%	84%	86%	92%	224	1%	2842	7%	32262	85%	36269	96%	22818	79%	35797	54%	
West Zone	28%	5611	7%	91%	86%	87%	92%	618	1%	3558	7%	47132	86%	52675	97%	34872	74%	31612	32%	
East zone	18%	3455	6%	88%	83%	88%	92%	100	0%	2832	8%	28695	83%	33045	95%	21456	75%	19065	35%	
North East	21%	710	6%	89%	85%	87%	92%	66	1%	479	7%	6098	87%	6513	93%	4274	82%	4594	35%	

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

Estimated New Smear Positive cases / lakh population based on ARTI data for North Zone (Chandigarh, Delhi, Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Uttar Pradesh, Uttaranchal) is 95; East Zone (Andaman & Nicobar, Arunachal Pradesh, Assam, Bihar, Jharkhand, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim, Tripura, West Bengal) is 75; South Zone (Andhra Pradesh, Karnataka, Lakshdweep, Pondicherry, Tamil Nadu) is 75 and West Zone (Chhattisgarh, Dadra & Nagar Haveli, Daman & Diu, Goa, Gujarat, Madhya Pradesh, Maharashtra, Rajasthan) is 80; Orissa is 85, Kerala is 50

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

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

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

4 Sputum Conversion rate is not expected for new districts that began implementing RNTCP in 4th quarter 2009

5 Cure rate and Success rate are not expected for new districts that began implementing RNTCP after 4th quarter 2008

Values for grey areas are not expected



**Referral of TB Suspects from ICTCs to RNTCP diagnostic units (4th quarter 2009)  
(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)	830		580		1083		27		10		22		669		3221	
Total No. of districts	24		30		34		9		8		11		30		146	
	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative	HIV Positive	HIV Negative
1. Number of TB suspects referred from VCTCs to RNTCP facilities*	9740	15271	5616	10109	6293	12978	339	200	113	11	43	383	4417	16507	26561	55459
2. Out of the above persons, number diagnosed as having TB:																
a) Sputum Positive TB	704	1552	290	757	216	755	7	9	0	4	7	35	204	848	1428	3960
b) Sputum Negative TB	247	458	156	262	115	205	4	2	13	0	1	1	123	167	659	1095
c) Extra-Pulmonary TB	38	51	85	103	71	82	4	0	4	0	1	5	56	56	259	297
d) Total diagnosed TB patients	989	2061	531	1122	402	1042	15	11	17	4	9	41	383	1071	2346	5352
3. Out of above total diagnosed TB patients (d), number receiving DOTS	862	1856	484	895	341	930	14	11	4	2	6	41	299	876	2010	4611

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

**HIV status of the TB patients - Fourth quarter 2009  
(reported by eleven states implementing Intensified TB/HIV Package)**

State	Total TB patients registered	Registered TB patients with known HIV status		Registered TB cases found to be HIV positive		
		No.	%	No.	% HIV+ among those tested	% HIV+ among total TB cases registered
Andhra Pradesh	27540	21224	77%	2736	13%	10%
Delhi	10345	4851	47%	95	2%	1%
Goa	481	411	85%	23	6%	5%
Gujarat	18891	11184	59%	457	4%	2%
Karnataka	16603	13041	79%	1981	15%	12%
Maharashtra	33946	13548	40%	1826	13%	5%
Manipur	840	301	36%	46	15%	5%
Mizoram	591	159	27%	44	28%	7%
Nagaland	820	290	35%	16	6%	2%
Puducherry	371	261	70%	8	3%	2%
Tamil Nadu	19986	15053	75%	1281	9%	6%
<b>Grand Total</b>	<b>130414</b>	<b>80323</b>	<b>62%</b>	<b>8513</b>	<b>11%</b>	<b>7%</b>

**Proportion of HIV positive TB patients receiving CPT and ART during TB treatment, Fourth quarter 2008**

State	% given CPT during TB treatment	% given ART during TB treatment
Andhra Pradesh	67%	40%
Goa	80%	45%
Karnataka	75%	41%
Maharashtra	65%	37%
Manipur	50%	45%
Mizoram	95%	5%
Nagaland	79%	21%
Puducherry	75%	75%
Tamil Nadu	62%	51%
<b>Total</b>	<b>68%</b>	<b>41%</b>

## MDR-TB National Data

### Quarterly report on Case Finding of MDR patients - 4th quarter 2009

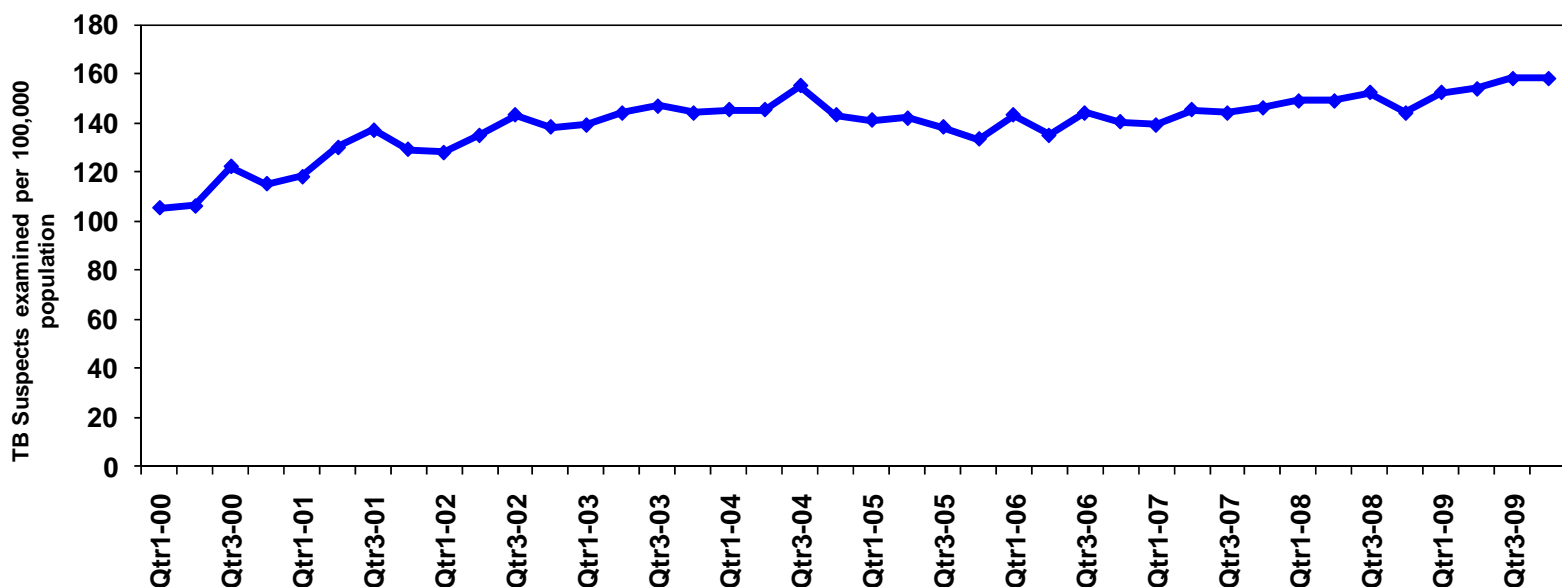
Cohort		Quarterly report on Case Finding of MDR patients				
Quarter (1st / 2nd / 3rd / 4th)	Year (yyyy)	State	Name of the DOTS plus site	No. of MDR Suspects subjected to Culture and DST	No. of MDR TB cases detected*	No. of MDR TB Cases registered and initiated on Cat- IV treatment
4th	2009	Gujarat	Ahmedabad	318	130	106
4th	2009	Gujarat	Vadodara	106	0	0
4th	2009	Maharashtra	Nagpur	82	18	20
4th	2009	Maharashtra	Akola	61	24	11
4th	2009	Andhra Pradesh	Hyderabad	76	38	34
4th	2009	Andhra Pradesh	Guntur	66	52	44
4th	2009	West Bengal	Kolkata	194	20	12
4th	2009	Haryana	Rohtak	89	9	19
4th	2009	Kerala	Trivandrum	150	18	19
4th	2009	Kerala	Kozhikode	120	15	24
4th	2009	Delhi	Delhi	410	203	88
4th	2009	Tamil Nadu	GHTM, Tambaram	56	22	27
4th	2009	Rajasthan	SMS, Jaipur	318	88	36
4th	2009	Orissa	Cuttack	24	3	3

\* This also includes the MDR suspects subjected to culture & DST in previous quarter

### 12 month culture conversion report of patients registered in 3rd quarter 2008

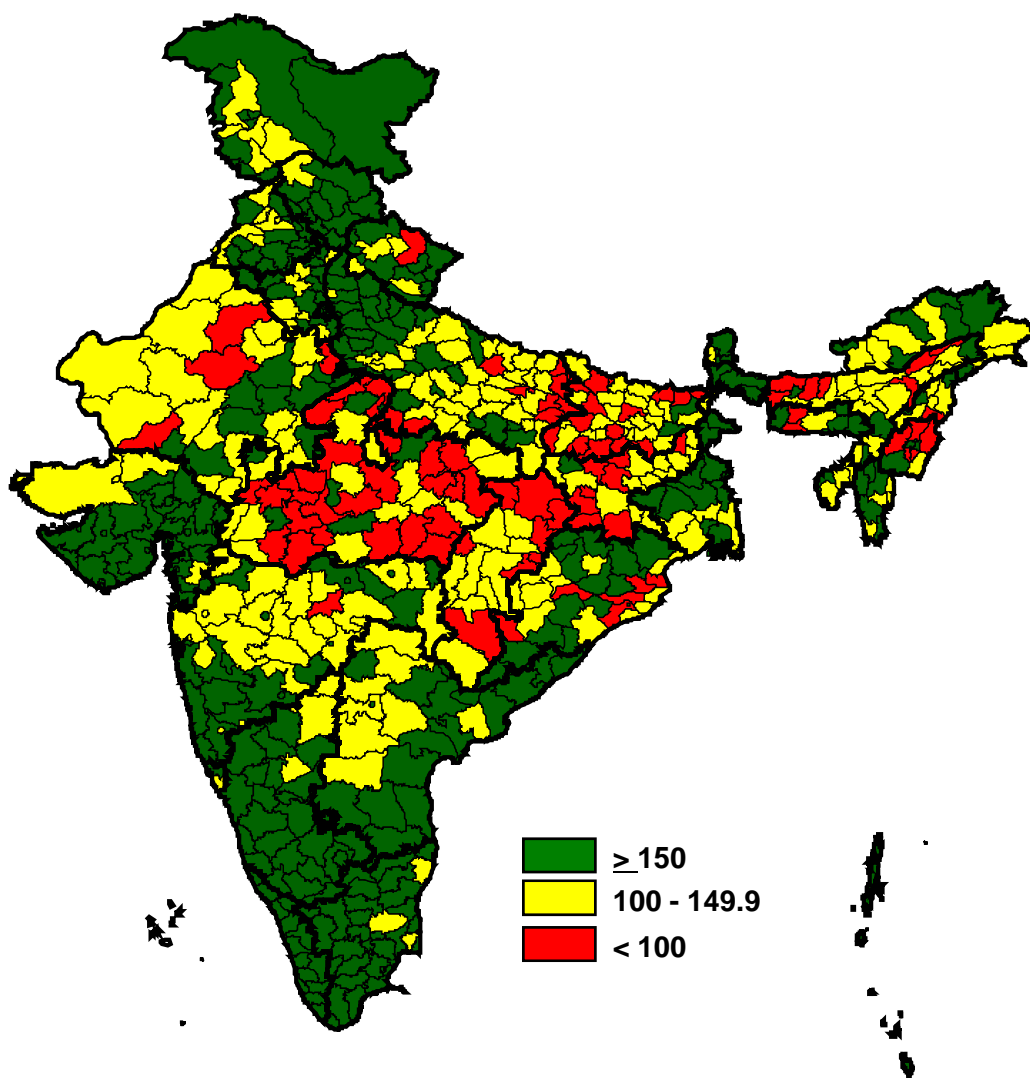
Cohort		12 month culture conversion report										
Quarter (1st / 2nd / 3rd / 4th)	Year (yyyy)	State	Name of the DOTS plus site	No. of MDR TB cases registered	Culture Negative	Culture positive	Culture Unknown	Died	Default	Transfer Out	Treatment stopped due to ADR	Treatment stopped due to other reasons
3rd	2008	Gujarat	Ahmedabad	21	9	2	4	3	2	0	0	1
3rd	2008	Maharashtra	Nagpur	24	15	4	2	1	2	0	0	0

# TB suspects examined per 100,000 population\*, 2000-2009



\* 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, 2009



# Cure rate by district, India

## Fourth quarter, 2008

