

MAHARASHTRA STATE
Performance of RNTCP Case Detection (2nd Quarter, 2010), Smear Conversion (1st Quarter, 2010)
and Treatment Outcomes (2nd Quarter, 2009)

Sr No	Region	District	Pop covered (in Lacs) by RNTCP*	Total TB patients registered for treatment	Annualized total case detection rate (per lac per year)	No of Smear positive patients diagnosed	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (per lac per year)**	Annualized new smear positive case detection rate (%)**	% of new smear positive out of total new pulmonary cases	No of new smear negative cases Initiated on treatment	No of new EP cases Initiated on treatment	% of new EP cases out of all new cases	No of smear positive retreatment cases Initiated on treatment	% of retreatment cases out of all smear positive cases	No. of pediatric cases out of all new cases	% of pediatric cases out of all new cases
		Norms:			>150			>56	>70%	45-70%			<20%		<33%		
1	Akola Circle	Akola	14.2	346	97	206	165	46	58%	78%	46	61	22%	54	25%	10	3.7%
2		Akola MC	4.7	131	112	144	45	38	48%	68%	21	22	25%	32	42%	2	2.3%
3		Amravati MC	6.3	188	119	123	64	41	51%	63%	38	48	32%	27	30%	10	6.7%
4		Amravati Rural	23.6	599	101	341	233	39	49%	64%	129	108	23%	87	27%	23	4.9%
5		Buldana	25.6	669	105	551	264	41	52%	64%	146	94	19%	130	33%	18	3.6%
6		Washim	11.7	288	98	124	98	33	42%	58%	70	57	25%	50	34%	3	1.3%
7		Yavatmal	28.3	851	120	448	307	43	54%	57%	235	146	21%	128	29%	30	4.4%
8	Aurangabad Circle	Aurangabad MC	10.0	262	105	236	103	41	51%	80%	26	77	37%	36	26%	15	7.3%
9		Aurangabad-MH	23.2	461	79	259	258	44	56%	77%	77	31	8%	62	19%	18	4.9%
10		Hingoli	11.3	301	106	143	123	43	54%	59%	85	50	19%	32	21%	10	3.9%
11		Jalna	18.5	356	77	186	128	28	35%	52%	118	48	16%	42	25%	6	2.0%
12		Parbhani	16.9	365	86	209	161	38	48%	62%	97	54	17%	43	21%	8	2.6%
13	Latur Circle	Bid	24.5	510	83	320	236	39	48%	69%	104	87	20%	45	16%	22	5.2%
14		Latur	23.5	509	86	318	222	38	47%	65%	118	88	21%	61	22%	27	6.3%
15		Nanded	27.5	633	92	364	263	38	48%	63%	154	118	22%	57	18%	23	4.3%
16		Nanded Waghela MC	4.9	137	111	121	62	50	63%	86%	10	35	33%	14	18%	3	2.8%
17		Osmanabad	16.9	336	79	192	165	39	49%	71%	69	51	18%	35	18%	12	4.2%
18	Mumbai & Thane Circle	Mumbai	136.8	6,805	199	3,530	1,956	57	71%	56%	1509	1348	28%	951	33%	495	10.3%
19		Kalyan Dombivli MC	13.7	482	141	233	164	48	60%	59%	112	99	26%	41	20%	49	13.1%
20		Navi Mumbai	8.1	463	229	329	150	74	93%	70%	65	102	32%	78	34%	44	13.9%
21		Raigarh-MH	25.3	927	146	502	349	55	69%	65%	190	142	21%	134	28%	45	6.6%
22		Ratnagiri	19.5	661	136	331	262	54	67%	57%	198	59	11%	63	19%	23	4.4%
23		Sindhudurg	9.9	300	121	141	115	46	58%	59%	79	46	19%	29	20%	13	5.4%
24		Thane	31.3	1,242	159	575	464	59	74%	59%	329	177	18%	141	23%	79	8.1%
25		Thane MC	14.5	647	179	319	177	49	61%	57%	136	149	32%	95	35%	47	10.2%
26		Bhivandi-Nizampur	10.5	305	116	164	86	33	41%	48%	94	58	24%	41	32%	33	13.9%
27		Mira Bhayander	9.9	214	87	146	110	45	56%	87%	16	33	21%	38	26%	10	6.3%
28		Ulhasnagar MC	5.4	169	124	138	47	35	43%	57%	36	15	15%	35	43%	17	17.3%

MAHARASHTRA STATE
Performance of RNTCP Case Detection (2nd Quarter, 2010), Smear Conversion (1st Quarter, 2010)
and Treatment Outcomes (2nd Quarter, 2009)

Sr No	Region	District	Pop covered (in Lacs) by RNTCP*	Total TB patients registered for treatment	Annualized total case detection rate (per lac per year)	No of Smear positive patients diagnosed	New smear positive patients registered for treatment	Annualized new smear positive case detection rate (per lac per year)**	Annualized new smear positive case detection rate (%)**	% of new smear positive out of total new pulmonary cases	No of new smear negative cases Initiated on treatment	No of new EP cases Initiated on treatment	% of new EP cases out of all new cases	No of smear positive retreatment cases Initiated on treatment	% of retreatment cases out of all smear positive cases	No. of pediatric cases out of all new cases	% of pediatric cases out of all new cases
Norms:					>150			>56	>70%	45-70%			<20%		<33%		
29	Nagpur Circle	Bhandara	13.0	346	106	213	141	43	54%	67%	69	54	20%	58	29%	15	5.6%
30		Chandrapur	23.9	622	104	390	266	45	56%	65%	146	69	14%	86	24%	22	4.6%
31		Gadchiroli	11.1	319	115	219	163	59	73%	65%	89	23	8%	28	15%	6	2.2%
32		Gondiya	13.8	358	104	217	147	43	53%	65%	78	52	19%	47	24%	18	6.5%
33		Nagpur MC	23.6	817	139	550	319	54	68%	75%	109	204	32%	109	25%	38	6.0%
34		Nagpur Rural	22.7	620	109	421	319	56	70%	71%	133	66	13%	77	19%	18	3.5%
35		Wardha	14.1	375	106	270	165	47	58%	72%	64	81	26%	48	23%	16	5.2%
36	Nashik Circle	Ahmadnagar MC	4.2	93	88	79	29	27	34%	57%	22	25	33%	6	17%	4	5.3%
37		Ahmadnagar	42.7	857	80	441	415	39	49%	68%	197	117	16%	45	10%	32	4.4%
38		Dhule	15.5	473	122	251	225	58	73%	69%	99	57	15%	45	17%	23	6.0%
39		Dhule MC	4.1	149	144	156	61	59	74%	75%	20	35	30%	7	10%	3	2.6%
40		Jalgaon	37.8	1,097	116	419	394	42	52%	52%	360	159	17%	132	25%	51	5.6%
41		Jalgaon MC	4.4	146	131	182	56	50	63%	61%	36	31	25%	18	24%	5	4.1%
42		Nandurbar	15.0	441	117	204	155	41	52%	48%	166	49	13%	35	18%	22	5.9%
43		Nashik	40.0	926	93	563	511	51	64%	71%	204	105	13%	58	10%	70	8.5%
44		Nashik Corp	12.4	342	111	237	159	51	64%	65%	86	41	14%	27	15%	23	8.0%
45	Malegaon MC	4.9	239	194	88	85	69	86%	52%	78	54	25%	14	14%	26	12.0%	
46	Kolhapur Circle	Kolhapur	34.3	714	83	423	343	40	50%	71%	142	121	20%	55	14%	39	6.4%
47		Kolhapur MC	5.6	117	84	56	25	18	22%	38%	41	18	21%	18	42%	18	21.4%
53		Satara	32.1	954	119	496	402	50	63%	64%	222	188	23%	77	16%	37	4.6%
51		Sangli	24.6	707	115	404	301	49	61%	64%	168	107	19%	56	16%	33	5.7%
52		Sangli MC	4.9	136	110	68	50	40	51%	63%	30	27	25%	11	18%	9	8.4%
49	Pune Circle	Pune	28.8	863	120	283	321	45	56%	70%	138	253	36%	69	18%	60	8.4%
50		Pune Rural	42.2	1,030	98	948	540	51	64%	76%	172	152	18%	108	17%	34	3.9%
48		Pimpri Chinchwad	11.6	483	167	261	164	57	71%	73%	61	155	41%	50	23%	48	12.6%
54		Solapur	34.3	691	81	451	384	45	56%	74%	137	81	13%	47	11%	37	6.1%
55		Solapur MC	10.0	258	103	218	107	43	53%	69%	49	55	26%	33	24%	18	8.5%
MAHARASHTRA			1,111.2	33,330	120	19,201	13,024	47	59%	64%	7423	5782	22%	3945	23%	1820	6.9%

* Projected population based on census population of 2001 is used. 1 lakh = 100,000 population

** Based on available data on Annual Risk of Infection (ARI) for Maharashtra which is 1.6, estimated total new smear-positive cases are 80 /lakh. Percentage reflects proportion of expected cases detected (e.g. 70% = 56/80 cases per lakh)

MAHARASHTRA STATE
Performance of RNTCP Case Detection (2nd Quarter, 2010), Smear Conversion (1st Quarter, 2010)
and Treatment Outcomes (2nd Quarter, 2009)

Sr No	Region	District	3 Months conversion rate of new smear positive patients	Cure rate of new smear positive patients	Success rate of new smear positive patients	No of Suspects examined	Suspects examined per lakh population per quarter	% of S+ve cases amongst suspects	% Smear positive patients living in the district and placed on DOTS	No. (%) of patients put on Non DOTS regimens	No (%) of Initial defaulter	No (%) of NSP cases started RNTCP DOTS within 7 days of diagnosis	No (%) of NSP cases registered within one month of starting RNTCP DOTS treatment	No of cured NSP cases having end of treatment follow up sputum done within 7 days of last dose	Number (%) of patients (all forms of TB) registered during the quarter receiving DOT through a community volunteer						
		Norms:	>90%	>85%	>85%		>150	5-15%	>95%												
1	Akola Circle	Akola	83%	80%	81%	3,138	221	7%	97%	0	0%	7	3%	183	84%	219	100%	101	78%	282	82%
2		Akola MC	71%	#DIV/0!	#DIV/0!	754	161	19%	97%	0	0%	2	1%	59	77%	77	100%	0	0%	68	52%
3		Amravati MC	88%	82%	82%	1,715	272	7%	89%	0	0%	8	7%	86	95%	90	99%	63	89%	76	40%
4		Amravati Rural	86%	81%	82%	4,336	184	8%	94%	0	0%	18	5%	254	79%	319	100%	127	59%	310	52%
5		Buldana	86%	74%	80%	4,158	163	13%	97%	0	0%	14	3%	324	82%	387	98%	145	61%	141	32%
6		Washim	85%	85%	87%	1,266	108	10%	98%	0	0%	3	2%	98	66%	116	78%	82	66%	224	78%
7		Yavatmal	88%	85%	86%	4,600	163	10%	92%	0	0%	33	7%	350	80%	415	95%	225	78%	604	71%
8	Aurangabad Circle	Aurangabad MC	90%	84%	84%	1,495	149	16%	85%	0	0%	19	8%	121	87%	139	100%	86	83%	4	2%
9		Aurangabad-MH	92%	89%	92%	3,543	153	7%	93%	0	0%	19	7%	240	75%	264	83%	246	87%	136	30%
10		Hingoli	89%	85%	88%	1,412	125	10%	99%	0	0%	1	1%	140	90%	139	90%	103	83%	219	81%
11		Jalna	84%	77%	84%	1,666	90	11%	97%	0	0%	6	3%	156	92%	160	94%	155	88%	103	29%
12		Parbhani	90%	86%	89%	2,066	122	10%	99%	0	0%	2	1%	170	83%	186	91%	145	79%	86	24%
13	Latur Circle	Bid	88%	87%	88%	4,873	199	7%	94%	0	0%	18	6%	267	95%	277	99%	160	72%	199	39%
14		Latur	85%	81%	81%	4,615	196	7%	96%	0	0%	13	4%	241	85%	278	98%	138	73%	286	54%
15		Nanded	91%	85%	88%	3,649	133	10%	99%	0	0%	5	1%	263	82%	265	83%	186	68%	131	21%
16		Nanded Waghela MC	93%	85%	85%	1,051	213	12%	64%	0	0%	42	35%	70	92%	76	100%	25	50%	137	100%
17		Osmanabad	89%	82%	82%	2,135	126	9%	97%	0	0%	5	3%	159	80%	200	100%	115	77%	113	34%
18	Mumbai & Thane Circle	Mumbai	92%	87%	87%	22,008	161	16%	74%	60	170%	770	22%	2698	93%	2784	96%	2109	85%	0	0%
19		Kalyan Dombivli MC	91%	85%	86%	1,424	104	16%	91%	1	43%	17	7%	190	93%	205	100%	146	89%	19	4%
20		Navi Mumbai	89%	87%	87%	2,595	321	13%	90%	9	274%	15	5%	216	95%	228	100%	153	100%	87	19%
21		Raigarh-MH	88%	76%	78%	4,552	180	11%	97%	0	0%	13	3%	369	76%	481	100%	218	78%	577	61%
22		Ratnagiri	92%	86%	88%	3,994	205	8%	98%	0	0%	7	2%	302	93%	322	99%	239	88%	452	68%
23		Sindhudurg	91%	89%	91%	2,695	272	5%	98%	0	0%	3	2%	135	94%	144	100%	88	85%	184	61%
24		Thane	93%	85%	86%	5,603	179	10%	89%	31	539%	32	6%	486	80%	546	90%	439	71%	740	68%
25		Thane MC	91%	83%	83%	2,137	147	15%	90%	2	63%	24	8%	235	86%	270	99%	175	98%	295	46%
26		Bhivandi-Nizampur	87%	82%	82%	897	85	18%	93%	0	0%	10	6%	98	77%	127	100%	80	81%	87	79%
27		Mira Bhayander	90%	#DIV/0!	#DIV/0!	871	88	17%	93%	0	0%	10	7%	131	89%	148	100%	0	0%	48	22%
28	Ulhasnagar MC	90%	77%	77%	744	137	19%	89%	3	217%	6	4%	72	88%	82	100%	77	99%	13	8%	

MAHARASHTRA STATE
Performance of RNTCP Case Detection (2nd Quarter, 2010), Smear Conversion (1st Quarter, 2010)
and Treatment Outcomes (2nd Quarter, 2009)

Sr No	Region	District	3 Months conversion rate of new smear positive patients	Cure rate of new smear positive patients	Success rate of new smear positive patients	No of Suspects examined	Suspects examined per lakh population per quarter	% of S+ve cases amongst suspects	% Smear positive patients living in the district and placed on DOTS	No. (%) of patients put on Non DOTS regimens	No (%) of Initial defaulter	No (%) of NSP cases started RNTCP DOTS within 7 days of diagnosis	No (%) of NSP cases registered within one month of starting RNTCP DOTS treatment	No of cured NSP cases having end of treatment follow up sputum done within 7 days of last dose	Number (%) of patients (all forms of TB) registered during the quarter receiving DOT through a community volunteer						
		Norms:	>90%	>85%	>85%		>150	5-15%	>95%												
29	Nagpur Circle	Bhandara	87%	81%	81%	2,515	193	8%	96%	0	0%	8	4%	163	82%	197	99%	92	80%	168	49%
30		Chandrapur	90%	83%	85%	4,820	202	8%	96%	0	0%	12	3%	283	80%	351	100%	201	84%	193	31%
31		Gadchiroli	88%	81%	86%	1,788	161	12%	88%	0	0%	25	11%	149	78%	173	91%	99	80%	76	25%
32		Gondiya	87%	83%	84%	2,392	174	9%	90%	5	230%	16	7%	160	82%	194	100%	136	81%	225	63%
33		Nagpur MC	91%	85%	85%	3,917	166	14%	99%	0	0%	4	1%	302	71%	319	75%	160	66%	29	5%
34		Nagpur Rural	90%	88%	88%	4,031	178	10%	98%	0	0%	6	1%	348	88%	394	99%	293	89%	185	47%
35		Wardha	86%	79%	81%	3,158	223	9%	96%	0	0%	8	3%	166	78%	164	77%	82	68%	188	50%
36	Nashik Circle	Ahmadnagar MC	86%	79%	79%	725	172	11%	94%	0	0%	2	3%	35	100%	35	100%	20	91%	2	2%
37		Ahmadnagar	91%	87%	89%	5,930	139	7%	99%	0	0%	5	1%	429	93%	460	100%	337	87%	110	13%
38		Dhule	93%	87%	87%	2,735	177	9%	96%	0	0%	10	4%	252	93%	268	99%	198	80%	242	51%
39		Dhule MC	99%	#DIV/0!	#DIV/0!	1,211	293	13%	89%	1	64%	7	4%	66	97%	68	100%	0	#DIV/0!	0	#DIV/0!
40		Jalgaon	84%	76%	82%	4,301	114	10%	97%	0	0%	14	3%	449	85%	526	100%	268	64%	478	44%
41		Jalgaon MC	90%	#DIV/0!	#DIV/0!	1,606	361	11%	86%	1	55%	10	5%	69	93%	74	100%	0	#DIV/0!	4	3%
42		Nandurbar	91%	81%	84%	2,102	140	10%	93%	1	49%	13	6%	154	81%	187	98%	90	60%	315	71%
43		Nashik	94%	90%	91%	5,696	142	10%	99%	0	0%	4	1%	499	88%	559	98%	310	57%	374	41%
44		Nashik Corp	91%	88%	90%	1,897	153	12%	98%	0	0%	4	2%	176	95%	186	100%	135	94%	22	6%
45	Malegaon MC	86%	#DIV/0!	#DIV/0!	719	146	12%	93%	0	0%	6	7%	94	95%	99	100%	0	0%	53	22%	
46	Kolhapur Circle	Kolhapur	93%	81%	81%	6,816	199	6%	97%	0	0%	11	3%	347	87%	394	99%	273	84%	109	19%
47		Kolhapur MC	81%	71%	71%	782	140	7%	87%	0	0%	6	11%	31	72%	43	100%	21	51%	0	#DIV/0!
53		Satara	92%	84%	85%	7,855	245	6%	99%	0	0%	4	1%	432	90%	470	98%	160	68%	469	49%
51		Sangli	90%	87%	87%	6,812	276	6%	92%	9	223%	20	5%	320	90%	355	99%	195	81%	133	19%
52	Sangli MC	95%	91%	91%	711	144	10%	92%	1	147%	3	4%	54	89%	61	100%	34	74%	13	100%	
49	Pune Circle	Pune	93%	86%	86%	3,205	111	9%	94%	0	0%	17	6%	367	94%	381	98%	316	93%	104	12%
50		Pune Rural	90%	86%	87%	8,716	206	11%	95%	0	0%	33	3%	530	82%	563	87%	368	73%	265	29%
48		Pimpri Chinchwad	87%	87%	87%	2,747	238	10%	93%	6	230%	9	3%	201	94%	211	99%	80	47%	0	0%
54		Solapur	92%	87%	88%	5,559	162	8%	99%	0	0%	4	1%	375	87%	413	96%	328	83%	80	13%
55	Solapur MC	88%	80%	80%	1,528	152	14%	84%	0	0%	28	13%	124	89%	137	98%	93	94%	5	2%	
	MAHARASHTRA		90%	85%	86%	188,266	169	10%	91%	130	68%	1411	7.3%	14688	87%	16226	96%	10115	77%	9463	30%