

**REVISED NATIONAL TUBERCULOSIS CONTROL PROGRAMME
(RNTCP)
GOVERNMENT CHEST CLINIC, PUDUCHERRY**

- ❖ Revised National TB Control Programme (RNTCP) is implemented in Puducherry UT on 20th February 2004
- ❖ The goal of RNTCP is to decrease mortality and morbidity due to TB and cut transmission of infection until TB ceases to be a major public health problem. The goal is achieved through the objectives.

Objectives of RNTCP:

10th & 11th Five Year Plan

- ❖ cure rate of at least 85% among newly detected smear-positive (infectious) pulmonary tuberculosis cases; and
- ❖ Case detection of at least 70% of the expected new smear positive PTB cases in a community



12th Five Year Plan

- ❖ To achieve 90% notification rate for all cases
- ❖ To achieve 90% success rate for all new and 85% for re-treatment cases
- ❖ To significantly improve the successful outcomes of treatment of Drug Resistant TB Cases
- ❖ To achieve decreased morbidity and mortality of HIV associated TB
- ❖ To improve outcomes of TB care in the private sector

ACHIEVEMENTS IN PUDUCHERRY:

- Cure rate was 69% in 2004 when we implemented the RNTCP. Cure rate improved year by year and it is 86% in 2013.(Cure rate of NSP for the period of 2014 will be reported at the end of 2015).
- Case detection rate of NSP is maintained always above 70%. Case detection rate for the year 2014 is 87%.
- Success rate of all new TB cases is increased from 78% in 2004 to 90% in 2013.(2014 success rate will be reported at the end of 2015)
- Success rate of all retreatment TB cases increased from 58% in 2004 to 72% in 2013.
- Moreover the defaulter (i.e. discontinuing the treatment before the completion) rate of all types of TB cases has come down from 18% in 2004 to 3% in 2013.
- IRL Puducherry received the National accreditation certificate for 1st line Anti TB drugs, Culture and DST by all three types of technologies namely, solid, liquid and LPA (molecular investigation). And also received national accreditation certificate for 2nd line Anti TB drugs Culture and DST by liquid media.
- 98% of TB patients screened for HIV status during 2014. If found to be HIV positive, all the patients are initiated with CPT and ART.
- Regular training/motivation/IEC activities are carried out to refer all TB cases diagnosed by private sector for ATT under RNTCP (or) to notify them to RNTCP.

SUCCESS RATE OF NEW CASES

YEAR	Pondicherry			Karaikal			Mahe			Yanam			Puducherry UT		
	Total cases	Cured + Completed	%	Total cases	Cured + Completed	%	Total cases	Cured + Completed	%	Total cases	Cured + Completed	%	Total cases	Cured + Completed	%
2004	791	603	76	124	101	81	43	37	86	42	38	90	1000	779	78
2005	897	716	80	187	168	90	40	37	93	54	42	78	1178	963	82
2006	950	804	85	238	211	89	25	24	96	43	34	79	1256	1073	85
2007	876	770	88	188	162	86	33	32	97	39	20	51	1136	984	87
2008	859	771	90	206	190	92	31	29	94	43	35	81	1139	1025	90
2009	930	828	89	198	180	91	18	15	83	38	33	87	1184	1056	89
2010	906	808	89	233	213	91	25	23	92	34	27	79	1198	1071	89
2011	1015	910	90	217	193	89	30	30	100	37	35	95	1299	1168	90
2012	868	785	90	254	199	78	34	33	97	27	25	93	1183	1042	88
2013	948	868	92	222	187	84	27	26	96	36	33	92	1233	1114	90
I & II Q 2014	479	440	92	88	78	89	13	13	100	21	18	86	601	549	91

SUCCESS RATE OF RETREATMENT CASES

YEAR	Pondicherry			Karaikal			Mahe			Yanam			Puducherry UT		
	Total cases	Cured + Completed	%	Total cases	Cured + Completed	%	Total cases	Cured + Completed	%	Total cases	Cured + Completed	%	Total cases	Cured + Completed	%
2004	192	107	56	4	4	100	3	2	67	5	5	100	204	118	58
2005	259	142	55	8	6	75	5	5	100	3	1	33	275	154	56
2006	223	129	58	13	11	85	8	6	75	3	3	100	247	149	60
2007	220	142	65	18	14	78	2	1	50	7	1	14	247	158	64
2008	162	112	69	22	15	68	4	2	50	6	5	83	194	134	69
2009	179	121	68	11	6	55	4	2	50	7	3	43	201	132	66
2010	208	152	73	11	11	100	9	6	67	10	7	70	238	176	74
2011	236	167	71	21	16	76	4	3	75	8	3	38	269	189	70
2012	212	152	72	18	11	61	4	3	75	12	7	58	246	173	70
2013	183	136	74	32	19	59	3	3	100	7	5	71	225	163	72
I & II Q 2014	97	72	74	14	9	64	1	0	0	2	0	0	114	81	71

DEATHS:

YEAR	Pondicherry			Karaikal			mahe			Yanam			Puducherry UT		
	Total cases	Deaths	%	Total cases	Deaths	%	Total cases	Deaths	%	Total cases	Deaths	%	Total cases	Deaths	%
2004	983	44	4	128	4	3	46	3	7	47	3	6	1204	54	4
2005	1157	64	6	195	12	6	45	1	2	57	1	2	1454	78	5
2006	1179	89	8	251	19	8	33	1	3	49	2	4	1512	111	7
2007	1096	74	7	206	12	6	35	1	3	46	4	9	1383	91	7
2008	1021	47	5	228	15	7	35	1	3	49	4	8	1333	67	5
2009	1109	59	5	209	14	7	22	1	5	45	6	13	1385	80	6
2010	1114	57	5	244	15	6	34	3	9	45	2	4	1437	77	5
2011	1251	55	4	238	16	7	34	0	0	45	3	7	1568	74	5
2012	1080	43	4	272	30	11	38	1	3	39	4	10	1429	78	5
2013	1131	37	3	254	26	10	30	1	3	43	2	5	1458	66	5
I & II Q 2014	576	24	4	102	8	8	14	0	0	23	3	13	715	35	5

FAILURE:

YEAR	Pondicherry			Karaikal			mahe			Yanam			Puducherry UT		
	Total cases	Failure	%	Total cases	Failure	%	Total cases	Failure	%	Total cases	Failure	%	Total cases	Failure	%
2004	983	27	3	128	0	0	46	2	4	47	0	0	1204	29	2
2005	1157	17	1	195	0	0	45	2	4	57	1	2	1454	20	1
2006	1179	34	3	251	6	2	33	0	0	49	4	8	1512	45	3
2007	1096	41	4	206	14	7	35	1	3	46	4	9	1383	59	4
2008	1021	32	3	228	6	3	35	2	6	49	2	4	1333	42	3
2009	1109	25	2	209	7	3	22	4	18	45	2	4	1385	38	3
2010	1114	32	3	244	2	1	34	2	6	45	4	9	1437	40	3
2011	1251	40	3	238	5	2	34	0	0	45	4	9	1568	49	3
2012	1080	37	3	272	17	6	38	0	0	39	0	0	1429	54	4
2013	1131	38	3	254	12	5	30	0	0	43	3	7	1458	53	4
I & II Q 2014	576	14	2	102	4	4	14	0	0	23	0	0	715	18	3

DEFAULT:

YEAR	Pondicherry			Karaikal			Mahe			Yanam			Puducherry UT		
	Total cases	Default	%	Total cases	Default	%	Total cases	Default	%	Total cases	Default	%	Total cases	Default	%
2004	983	196	20	128	19	15	46	0	0	47	1	2	1204	216	18
2005	1157	218	19	195	9	5	45	0	0	57	12	21	1454	239	16
2006	1179	92	8	251	3	1	33	2	6	49	6	12	1512	103	7
2007	1096	59	5	206	4	2	35	0	0	46	7	15	1383	71	5
2008	1021	51	5	228	2	1	35	1	3	49	3	6	1333	57	4
2009	1109	75	7	209	1	0	22	0	0	45	1	2	1385	77	6
2010	1114	60	5	244	2	1	34	0	0	45	3	7	1437	65	5
2011	1251	70	6	238	8	3	34	0	0	45	0	0	1568	78	5
2012	1080	48	4	272	15	6	38	0	0	39	4	10	1429	67	5
2013	1131	40	4	254	8	3	30	0	0	43	0	0	1458	48	3
I & II Q 2014	1131	40	4	254	8	3	30	0	0	43	0	0	1458	48	3