



## **PERFORMANCE BUDGET**

**2006 - 2007**

### **HEALTH AND FAMILY WELFARE DEPARTMENT**

ã

**AUGUST 2006**

**GOVERNMENT OF TAMILNADU**

# HEALTH AND FAMILY WELFARE DEPARTMENT

## PERFORMANCE BUDGET

2006-2007

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## **CHAPTER – 1**

### **MEDICAL EDUCATION**

The Directorate of Medical Education is entrusted with the responsibility of implementing the Teaching, Training and Research Programme in the Medical Field.

The Director of Medical Education is the Head of the Department and he is assisted at the State Head Quarters by a team of Officers.

**THE HOSPITALS ATTACHED TO VARIOUS MEDICAL COLLEGES  
UNDER THE CONTROL OF THE DIRECTOR OF MEDICAL EDUCATION**

Sl.No.	Name of the Hospitals	Medical College to which attached
1.	Government General Hospital, Chennai (Including Peripheral Hospital, Periyar Nagar, Chennai)	1. Madras Medical College, Chennai
	<b>Dispensaries attached</b> (i) Secretariat Dispensary, Chennai-9 (ii) Government Estate Dispensary, Chennai-2 (iii) Government Chepauk Dispensary, Chennai-5 (iv) Raj Bhavan Dispensary, Guindy, Chennai-25 (v) High Court Dispensary, Chennai-1 (vi) Queen Mary's College Dispensary, Chennai (vii) Lady Wellington Dispensary, Chennai	
2.	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	-do-
3.	Government Kasturba Gandhi Hospital for Women and Children, Chennai	-do-
4.	Institute of Obstetrics and Gynaecology and Government Hospital for Women and Children, Chennai	-do-
5.	Government Institute of Rehabilitation Medicine, Chennai	-do-
6.	Institute of Child Health and Hospital for Children, Chennai	-do-
7.	Institute of Thoracic Medicine, Chennai-31	-do-
8.	Institute of Mental Health, Chennai	-do-
9.	Tamilnadu Government Dental College and Hospital , Chennai	-----
10.	Government Stanley Hospital, Chennai (including Government Peripheral, Tondiarpet, Chennai) <b>Dispensaries attached</b> (i) Government Press Dispensary, Chennai (ii) Basin Bridge Dispensary, Chennai (iii) Government Industrial Training Institute Dispensary, Chennai	2. Stanley Medical College, Chennai
11.	Government RSRM Lying in Hospital, Chennai	-do-
12.	Government Hospital for Thoracic Medicine, Tambaram, Chennai-47	-do-
13.	Government Kilpauk Medical College Hospital, Chennai (including Peripheral Hospital, Arignar Anna Nagar, and City Police Hospital, Chennai ) <b>Dispensaries attached</b> (i) DPI Office Dispensary, Chennai (ii) Government Foreshore Estate Dispensary, Chennai (iii) Government Todhunter Nagar Dispensary, Chennai (iv) Government Modern Medicine, Dispensary, Chennai	3. Kilpauk Medical College, Chennai
14.	Government Tiruvootteeswarar Hospital for Thoracic Medicine, Chennai-12	3. Kilpauk Medical College, Chennai

Sl.No.	Name of the Hospitals	Medical College to which attached
15.	Government Royapettah Hospital, Chennai-14 (including Peripheral Hospital, K.K. Nagar) (i) Government Hospital, Saidapet, Chennai-15 (ii) Government Peripheral Hospital, Neelankarai	-do-
16.	Government Chengalpattu Medical College Hospital, Chengalpattu	4. Chengalpattu Medical College, Chengalpattu
17.	Government Thanjavur Medical College Hospital, Thanjavur	5. Thanjavur Medical College, Thanjavur
18. 19.	Government Raja Mirasdar Hospital, Thanjavur Government Rajaji Hospital, Madurai (Including) i) Government Hospital, Baarengapuram, Madurai (ii) Government Infectious Disease Hospital, Thoppur, Madurai (iii) Government Cholera Collection Centre, Thoppur, Madurai (iv) Government Hospital for Thoracic Medicine, Thoppur, Madurai	-do- 6. Madurai Medical College, Madurai
20.	Government Tirunelveli Medical College Hospital, Tirunelveli (including Frieda Monnier Government Hospital, Kalakkad, Tirunelveli)	7. Tirunelveli Medical College, Tirunelveli
21.	Government Coimbatore Medical College Hospital, Coimbatore	8. Coimbatore Medical College, Coimbatore
22.	Government Mohan Kumaramangalam Medical College Hospital, Salem	9. Government Mohan Kumaramangalam Medical College, Salem
23.	Government Arignar Anna Memorial Cancer Institute, Kancheepuram	-
24.	Government Arignar Anna Memorial Cancer Hospital, Karapettai Kancheepuram	-
25.	King Institute of Preventive Medicine, Guindy, Chennai-32	-
26.	Annal Gandhi Memorial Govt. Hospital, Tiruchirapalli (Including) (i) Government College of Physiotherapy, Trichy. (ii) Government Rajaji T.B.Hospital, Tiruchi.	10. K.A.P. Viswanatham Govt. Medical College, Tiruchirapalli
27.	Thoothukudi Medical College Hospital, Thoothukudi	11. Thoothukudi Medical College, Thoothukudi
28.	Government Vellore Medical College Hospital, Vellore (including) Subsidiary Hospital, Vellore.	12. Vellore Medical College, Vellore
29.	Government Kanyakumari Medical College Hospital, Kanyakumari (including) Subsidiary Hospital, Nagercoil	13. Kanyakumari Medical College, Kanyakumari
30.	Government Theni Medical College Hospital, Theni @ Allinagaram	14. Theni Medical College, Theni

**FINANCIAL REQUIREMENTS  
(PROGRESS AND ACTIVITY CLASSIFICATION)**

(Rs. in lakhs)

Classification	Accounts 2004-2005			Budget Estimate 2005-2006			Revised Estimate 2005-2006		
	Non-Plan	Plan	Total	Non-Plan	Plan	Total	Non-Plan	Plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>I. MEDICAL EDUCATION</b>									
<b>Medical Colleges</b>	14975	338	15313	11663	717	12380	12909	739	13648
Revenue	+7	3455	+7	-	10294	10294	-	8292	8292
Capital	-		3455						
<b>II. TEACHING HOSPITALS</b>									
Revenue	26051	2176	28227	27564	1551	29115	27963	3331	31294
Capital	+22	1304	+22	+19	2298	+19	+19	3292	+19
	-		1304	-		2298	-		3292
<b>III. TUBERCULOSIS CONTROL</b>									
Revenue	1043	-	1043	1109	--	1109	1220	-	1220
Capital	-	-	-	-	--	-	-	-	-
<b>IV. TRAINING</b>									
a. Nurses	8	233	241	69	135	204	32	236	268
Revenue	-	-	-	-	-	-	-	-	-
Capital	39	-	39	41	-	41	40	-	40
b. Other than Nurses	-	-	-	-	-	-	-	-	-
Revenue									
Capital									
<b>Total Revenue</b>	47	233	280	110	135	245	72	236	308
<b>Capital</b>	-	-	-	-	-	-	-	-	-
<b>V. King Institute , Guindy</b>									
Revenue	475	-	475	631	--	631	566	--	566
Capital	-	-	-	-	--	-	-	--	-

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
<b>VI. DIRECTION, SUPERVISION AND POLICY FORMULATION</b>	331	-	331	390	-	390	358	--	358
Director of Medical Education	-	-	-	+1	-	+1	+2	--	+2
Revenue				-		-	-		-
Capital									
<b>VII. CANCER CONTROL</b>									
Revenue	335	200	535	386	--	386	390	34	424
Capital	-	-	-	-	--	-	-	-	-
<b>VIII. FREE EYE CAMP</b>									
Revenue	84	-	84	116	-	116	106	-	106
Capital	-	-	-	-	-	-	-	-	-
<b>Control of Blindness</b>									
Revenue	-	4	4	-	4	4	-	4	4
Capital	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>									
Revenue	84	4	88	116	4	120	106	4	110
Capital	-	-	-	-	-	-	-	--	-
<b>IX MISCELLANEOUS</b>									
a) Medical	90	-	90	95	-	95	93	-	93
Revenue	-	-	-	-	-	-	-	-	-
Capital	-	-	-	-	-	-	-	-	-
b) AIDS Control	-	-	-	-	-	-	-	-	-
Revenue	-	-	-	3	-	3	3	-	3
Capital	-	-	-	-	-	-	-	-	-
c) Social Welfare									
Revenue									
Capital									
Total Revenue	90	-	90	98	-	98	96	-	96
Capital	-	--	-	-	-	-	-	-	-
<b>GRAND TOTAL</b>									
Revenue	43431	2951	46382	42067	2407	44474	43680	4344	48024
Capital	+29	4759	+29	+20	12592	+20	+21	11584	+21
	-		4759	-		12592	-		11584

+ Charged

**OBJECT WISE CLASSIFICATION**

(Rupees in Lakhs)

Classification	Accounts 2004-2005			Budget Estimate 2005-06			Revised Estimate 2005-06		
	Non-Plan	Plan	Total	Non-Plan	Plan	Total	Non-Plan	Plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
01. Salaries	16480 +7	190	16670 +7	17369 +7	136	17505 +7	17376 +7	191	17567 +7
02. Wages	106	1	107	80	13	93	148	10	158
03. Dearness Allowance	8136 +3	96	8232 +3	10831 +5	84	10915 +5	10483 +4	114	10597 +4
04. Travel Expenses	16 +1	-	16 +1	21	-	21	32 +1	1	33 +1
05. Office Expenses	3490	30	3520	1873 +1	4	1877 +1	2084 +1	5	2089 +1
06. Rent, Rates and Taxes	428	-	428	381	-	381	484	-	484
08. Advertising and Publicity	10	-	10	8	-	8	11	-	11
09. Grants-in-aid	143	1972	2115	301	-	301	310	-	310
10. Contribution	61	-	61	62	-	62	69	-	69
12. Scholarship and Stipend	2061	2	2063	3299	3	3302	3273	3	3276
17. Minor works	-	-	-	--	--	--	--	25	25
18. Maintenance	29	3	32	25	5	30	33	365	398
19. Machinery & Equipment's	5263	587	5850	672 +1	2089	2761 +1	726 +1	3287	4013 +1
21. Motor Vehicles	4	-	4	6	1	7	6	19	25
24. Materials & Supplies	3	21	24	6	17	23	4	211	215
25. Interest	-	-	-	-	-	-	-	-	-
33. Payment of Professional and special services	103	-	103	112	-	112	945	20	965
34. Other Charges	5	-	5	2	-	2	2	-	2
42. Services or commitment charges	27	-	27	16	-	16	16	-	16

Classification	Accounts 2004-2005			Budget Estimate 2005-2006			Revised Estimate 2005-2006		
	Non-Plan	Plan	Total	Non-Plan	Plan	Total	Non-Plan	Plan	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
45. Petrol,oil and Lubricants	74	1	75	110	-	110	116	2	118
46. Clothing	229	1	230	148	-	148	223	5	228
47. Stores and Equipments	1100	3	1103	1129	5	1134	1485	10	1495
49. Festival Advances									
01 Festival Advances-Debit	113	-	113	160	1	161	142	2	144
02 Festival Advances-Credit(-)	-332	-1	-333	-160	-1	-161	-142	-2	-144
51. Compensatory Charges	+10	-	+10	+1	-	+1	+2	-	+2
59. Prizes & Awards	4	-	4	4	-	4	4	-	4
66. Medicines	4879	7	4886	4720	8	4728	4812	33	4845
	+8		+8	+5		+5	+5		+5
67. Dietary Charges	702	-	702	687	-	687	784	-	784
68. Cost of Text Books	277	38	315	189	42	231	236	43	279
72. Training	1	-	1	1	-	1	1	-	1
74. Purchase and upkeep of Animals	9	-	9	11	-	11	11	-	11
76. Computer & Accessories	5	-	5	1	-	1	3	-	3
99. Miscellaneous	5	-	5	3	-	3	3	-	3
<b>Total</b>	43431	2951	46382	42067	2407	44474	43680	4344	48024
	+29		+29	+20		+20	+21		+21

+ Charged

**SOURCE OF FINANCE**

(Rupees in lakhs)

Classification (1)	Accounts 2004-2005			Budget Estimate 2005-2006			Revised Estimate 2005-2006		
	Non-Plan (2)	Plan (3)	Total (4)	Non-Plan (5)	Plan (6)	Total (7)	Non-Plan (8)	Plan (9)	Total (10)
<b>Demand No. 18 - Health and Family Welfare Department</b>									
03. Directorate of Medical Education	43431	2951	46382	42067	2407	44474	43680	4344	48024
Voted	29	-	29	20	-	20	21	-	21
Charged	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>43460</b>	<b>2951</b>	<b>46411</b>	<b>42087</b>	<b>2407</b>	<b>44494</b>	<b>43701</b>	<b>4344</b>	<b>48045</b>
2059.01.053 BV(Buildings)	1703	-	1703	1738	-	1738	2038	-	2038
2202.80.107.JA(Educational Assistance to Children of Farmers)	-	-	-	-	-	-	-	100	100
4210.01.110.JE (Buildings)	-	-	-	-	8879	8879	-	8139	8139
4210.80.190.JB (Buildings)	-	-	-	-	-	-	-	104	104
<b>Grand Total</b>	<b>45163</b>	<b>2951</b>	<b>48114</b>	<b>43825</b>	<b>11286</b>	<b>55111</b>	<b>45739</b>	<b>12687</b>	<b>58426</b>
<b>Demand No.38</b>									
4210.Capital (Buildings)	--	4759	4759	--	12592	12592	--	11584	11584
<b>Total</b>	<b>--</b>	<b>4759</b>	<b>4759</b>	<b>--</b>	<b>12592</b>	<b>12592</b>	<b>--</b>	<b>11584</b>	<b>11584</b>
<b>Budget Publication No: 52</b>									
2049.01.200.BT(Loan from HUDCO)	59	--	59	--	--	--	--	--	--
2049.01.200.CS(Loan from HUDCO)	-	-	-	340	-	340	570	-	570
2049.01.200.CT(Loan from HUDCO)	-	-	-	34	-	34	60	-	60
<b>Total – Charged</b>	<b>59</b>	<b>-</b>	<b>59</b>	<b>374</b>	<b>-</b>	<b>374</b>	<b>630</b>	<b>-</b>	<b>630</b>
<b>Budget Publication No: 53</b>									
6003.00.109.BC(Loan fromHUDCO)	1253	--	1253	-	-	-	-	-	-
6003.00.109.CA(Loan fromHUDCO)	-	-	-	1467	-	1467	1187	-	1187
6003.00.109.CB(Loan fromHUDCO)	-	-	-	111	-	111	111	-	111
<b>Total</b>	<b>1253</b>	<b>-</b>	<b>1253</b>	<b>1578</b>	<b>-</b>	<b>1578</b>	<b>1298</b>	<b>-</b>	<b>1298</b>

**DETAILS OF THE NUMBER OF SANCTIONED STRENGTH OF COURSES OF STUDY FOR THE YEAR 2006- 2007**

**(1) DEGREE AND POST GRADUATE DIPLOMA COURSES**

Sl.No.	Name of the Institution	MBBS	BDS	B.Pharm	DGO	DLO	DO	DMRT	DMRD	DA	D.Orth	DCH	DTCD	DDVL	DCP	DPH	DIPM	DPM	DIP in Diabetology
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)
1.	Madras Medical College, Chennai.	165	-	50	38	24	24	8	8	15	8	35	11	20	8	10	3	8	3
2.	Stanley Medical College, Chennai.	150	-	-	12	4	6	-	4	12	4	12	-	4	4	-	-	-	-
3.	Kilpauk Medical College, Chennai.	100	-	-	8	4	-	-	-	4	8	8	-	-	2	-	-	-	-
4.	Chengalpattu Medical College, Chengalpattu	50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
5.	Madurai Medical College, Madurai.	155	-	56	16	12	12	-	11	20	6	12	-	4	-	-	-	5	-
6.	Thanjavur Medical College, Thanjavur.	150	-	-	6	4	4	-	1	9	3	2	2	2	-	-	-	2	-
7.	Coimbatore Medical College, Coimbatore.	150	-	-	-	-	1	-	-	3	-	4	-	-	-	-	-	-	-
8.	Govt. Mohan Kumaramangalam Medical College, Salem.	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
9.	Tirunelveli Medical College, Tirunelveli.	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10	Tamilnadu Govt.Dental College and Hosp.ital, Chennai	-	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11.	Thoothukudi Medical College, Thoothukudi	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12.	K.A.P.Viswanatham Medical College, Trichy.	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
13	Kanyakumari Medical College, Kanyakumari	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	Vellore Medical College, Vellore	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
15	Theni Medical College, Theni	100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>TOTAL</b>	<b>1645</b>	<b>100</b>	<b>106</b>	<b>80</b>	<b>48</b>	<b>47</b>	<b>8</b>	<b>24</b>	<b>63</b>	<b>29</b>	<b>73</b>	<b>13</b>	<b>30</b>	<b>14</b>	<b>10</b>	<b>3</b>	<b>15</b>	<b>3</b>

**DETAILS OF NUMBER OF SANCTIONED STRENGTH OF VARIOUS POST GRADUATE  
( II ) DEGREE AND HIGHER SPECIALITY COURSES**

SI.No.	Name of the Institution	M.D.	M.S.	M.Ch.	D.M.	M.D.S	M.Pharm	M.Sc. (N)	Total
1.	Madras Medical College, Chennai	123	41	20	17	-	20	8	229
2.	Tamil Nadu Government Dental College and Hospital, Chennai	-	-	-	-	20	-	-	20
3.	Stanley Medical College, Chennai	49	20	5	5	-	-	-	79
4.	Kilpauk Medical College, Chennai	19	18	6	2	-	-	-	45
5.	Thanjavur Medical College, Thanjavur	20	11	1	--	-	-	-	32
6.	Tirunelveli Medical College, Tirunelveli	4	4	-	-	-	-	-	8
7.	Madurai Medical College, Madurai	51	34	7	4	-	12	-	108
8.	Coimbatore Medical College, Coimbatore	16	14	2	-	-	-	-	32
9.	Chengalpattu Medical College, Chengalpattu	-	1	-	-	-	-	-	1
10.	Government Mohan Kumaramangalam Medical College, Salem.	2	2	-	-	-	-	-	4
	<b>TOTAL</b>	<b>284</b>	<b>145</b>	<b>41</b>	<b>28</b>	<b>20</b>	<b>32</b>	<b>8</b>	<b>558</b>



17.	Government Thanjavur Medical College Hospital, Thanjavur.	-	-	125	-	-	-	-	-	-	-	-	-
18.	Annal Gandhi Government Memorial Hospital, Trichy.	-	-	130	-	-	-	-	-	-	-	-	-
19.	Government Coimbatore Medical College Hospital, Coimbatore	-	-	140	-	-	-	-	-	-	-	-	-
20.	Government Kasturba Gandhi Hospital for Women & Children, Chennai.	-	-	50	-	-	-	-	-	-	-	-	-
21.	Government Chengalpattu Medical College Hospital, Chengalpattu	-	-	50	-	-	-	-	-	-	-	-	-
22.	Government Thoothukudi Medical College Hospital, Thoothukudi	-	-	50	-	-	-	-	-	-	-	-	-
23.	Government Kanyakumari Medical College Hospital, Nagercoil	-	-	50	-	-	-	-	-	-	-	-	-
24.	Government Head Quarters Hospital, Kancheepuram	-	-	50	-	-	-	-	-	-	-	-	-
25.	Government Head Quarters Hospital, Cuddalore	-	-	50	-	-	-	-	-	-	-	-	-
26.	Government Head Quarters Hospital, Ramanathapuram	-	-	50	-	-	-	-	-	-	-	-	-
27.	Government Head Quarters Hospital, Dindigul	-	-	50	-	-	-	-	-	-	-	-	-
28.	Government Head Quarters Hospital, Udagamandalam	-	-	50	-	-	-	-	-	-	-	-	-
29.	Government Head Quarters Hospital, Thiruppur	-	-	50	-	-	-	-	-	-	-	-	-
30.	Government Head Quarters Hospital, Nagapattinam	-	-	50	-	-	-	-	-	-	-	-	-
31.	Government Head Quarters Hospital, Virudhunagar	-	-	50	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>50</b>	<b>40</b>	<b>1795</b>	<b>240</b>	<b>10</b>	<b>46</b>	<b>30</b>	<b>30</b>	<b>50</b>	<b>6</b>	<b>6</b>	

\* for trained Nurses

## (ii) DETAILS OF PARA MEDICAL CERTIFICATE / DIPLOMA COURSES

Sl No	Name of the Institution	Cardiac Sonographic Technician	ECG/ Treadmill Technician	Pump Technician	Cardiac Catheterisation Lab. Technician	Emergency Care Technician	Respiratory Therapy Technician	Dialysis Technician	Anaesthesia Technician	Theatre Technician	Orthopaedic Technician	Dip.in Medical Lab. Technician
1	Madras Medical College, Chennai	10	20	10	10	15	15	15	25	25	25	70
2	Stanley Medical College, Chennai	10	20	10	10	15	15	15	25	25	25	60
3	Kilpauk Medical College, Chennai	10	20	--	--	15	15	10	25	25	25	60
4	Madurai Medical College, Madurai	10	20	10	10	15	15	10	25	25	25	60
5	Thanjavur Medical College, Thanjavur	10	20	--	--	15	15	10	25	25	25	60
6	Coimbatore Medical College, Coimbatore	10	20	--	--	15	15	10	25	25	25	60
7	Tirunelveli Medical College, Tirunelveli	--	20	--	--	15	15	10	25	25	25	60
8	Chengalpattu Medical College, Chengalpattu	--	--	--	--	15	15	--	25	25	25	60
9	Govt.Mohan Kumaramangalam Medical College, Salem	--	20	--	--	15	15	10	25	25	25	60
10	K.A.P.Viswanatham Medical College, Trichy	--	--	--	--	15	15	10	25	25	25	60
11	Thoothukudi Medical College, Thoothukudi	--	--	--	--	15	15	--	25	25	25	60
12	Kanyakumari Medical College, Kanyakumari	--	--	--	--	15	15	--	25	25	25	60
13	Vellore Medical College, Vellore	--	--	--	--	15	15	--	25	25	25	60
14	Theni Medical College, Theni	--	--	--	--	15	15	--	25	25	25	60
	<b>Total</b>	<b>60</b>	<b>160</b>	<b>30</b>	<b>30</b>	<b>210</b>	<b>210</b>	<b>100</b>	<b>350</b>	<b>350</b>	<b>350</b>	<b>850</b>

**PERSONNEL STRENGTH OF THE DIRECTORATE OF MEDICAL EDUCATION**

Sl. No.	Name of the Post	No. of Posts
1.	Director of Medical Education	1
2.	Additional Director of Medical Education	1
3.	Joint Director of Medical Education (Pharmacy)	1
4.	Deputy Secretary to Government/Deputy Director of Medical Education (Administration)	1
5.	Deputy Director of Medical Education	9
6.	Deputy Secretary to Government/Financial Adviser & Chief Accounts Officer	1
7.	Senior Civil Surgeon	1
8.	Deputy Secretary to Government/Law Officer	1
9.	Manager	1
10.	Other Officers	9
11.	Ministerial Staff	223
12.	Basic Servants	39
	TOTAL	288

**PERSONNEL STRENGTH OF THE COLLEGES**

<b>Sl. No.</b>	<b>Name of the Institution</b>	<b>Medical</b>	<b>Para Medical</b>	<b>Ministerial</b>	<b>Other than Ministerial</b>	<b>Basic Servants</b>	<b>Total</b>
1.	Madras Medical College, Chennai	530	176	107	97	154	1064
2.	Stanley Medical College, Chennai	274	83	44	26	124	551
3.	Kilpauk Medical College, Chennai	91	150	22	81	61	405
4.	Chengalpattu Medical College, Chengalpattu	243	106	67	46	78	540
5.	Thanjavur Medical College, Thanjavur	172	86	35	30	96	419
6.	Madurai Medical College, Madurai	302	175	65	73	139	754
7.	Tirunelveli Medical College, Tirunelveli	338	323	81	53	80	875
8.	Coimbatore Medical College, Coimbatore	235	80	50	41	127	533
9.	Tamil Nadu Government Dental College and Hospital, Chennai	54	35	16	--	26	131
10.	Government College of Physiotherapy, Tiruchirapalli	1	4	5	2	9	21
11.	Government Mohan Kumaramangalam Medical College, Salem	98	46	28	9	32	213
12.	K.A.P.Viswanatham Govt. Medical College, Tiruchirapalli	145	38	28	4	35	250
13.	Thoothukudi Medical College, Thoothukudi	107	--	1	2	-	110
14.	Kanyakumari Medical College, Kanyakumari	156	85	88	--	59	388
15.	Theni Medical College, Theni	164	-	-	-	-	164
<b>TOTAL</b>		<b>2910</b>	<b>1387</b>	<b>637</b>	<b>464</b>	<b>1020</b>	<b>6418</b>

## PERSONNEL STRENGTH OF THE HOSPITALS

Sl. No.	Name of the Institution (1)	Medical (2)	Nursing (3)	Para-Medical (4)	Ministerial (5)	Other than Ministerial (6)	Basic Servants and others (7)	Total (8)
1.	Government General Hospital, Chennai	188	474	425	212	326	791	2416
2.	Government Stanley Hospital, Chennai	64	384	184	90	298	408	1428
3.	Government Kilpauk Medical College Hospital, Chennai	50	170	135	57	84	217	713
4.	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	18	74	86	44	72	148	442
5.	Government Royapettah Hospital, Chennai (including Government Hospital, Saidapet, Chennai)	71 8	175 12	121 13	57 1	164 5	260 20	848 59
6.	Government Kasturba Gandhi Hospital for Women and Children, Chennai	39	156	61	73	89	268	686
7.	Institute of Obstetrics and Gynaecology and Government Hospital for Women and Children, Chennai	18	175	6	69	104	311	683
8.	Institute of Child Health and Hospital for Children, Chennai	56	223	110	87	124	237	837
9.	Government R.S.R.M. Lying Hospital, Chennai	15	82	44	44	21	180	386
10.	Institute of Mental Health, Chennai	23	118	60	54	323	214	792
11.	Government Tiruvottes warar Hospital for Thoracic Medicine, Otteri, Chennai	7	39	16	20	31	70	183
12.	Institute of Thoracic Medicine, Chetput, Chennai	11	18	17	14	16	16	92
13.	Government Peripheral Hospital, K.K. Nagar, Chennai	18	20	12	9	2	43	104
14.	Government Peripheral Hospital, Anna Nagar, Chennai	30	25	22	9	5	35	126
15.	Government Peripheral Hospital, Tondiarpet, Chennai	20	19	17	8	3	32	99
16.	Government Institute of Rehabilitation Medicine, K.K. Nagar, Chennai	2	15	88	20	6	33	164
17.	Government Hospital for Thoracic Medicine, Tambaram, Chennai	17	146	63	45	57	189	517
18.	Government Chengalpattu Medical College Hospital, Chengalpattu	6	156	57	39	87	159	504
19.	Govt. Raja Mirasdar Hospital, Thanjavur	27	149	14	62	177	158	587
20.	Government Thanjavur Medical College Hospital, Thanjavur	36	165	43	35	120	151	550

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
21.	Government Peripheral Hospital, Periyar Nagar, Chennai	14	18	17	9	10	34	102
22.	Govt.Rajaji Hospital, Madurai (including)	81	310	388	108	86	574	1547
	(i) Govt.Hospital for Thoracic Medicine, Thoppur	7	24	15	4	1	35	86
	(ii) Govt.Hospital, Balarangapuram	10	6	11	5	-	17	49
	(iii) Govt. Cholera Collection Centre, Thoppur.	2	8	1	3	7	25	46
	(iv) Govt.Infectious Diseases Hospital, Thoppur.	2	12	7	1	1	16	39
23.	Government Tirunelveli Medical College Hospital, Tirunelveli (including)	66	333	180	58	14	325	976
	(i) Frieda Monniar Government Hospital Kalakhad,	2	4	3	2	4	13	28
24.	Government Coimbatore Medical College Hospital, Coimbatore	105	221	156	57	133	254	926
25.	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	25	43	32	18	36	76	230
26.	Government Arignar Anna Memorial Cancer Institute, Kancheepuram	11	4	19	8	-	8	50
27.	King Institute, Guindy, Chennai-32	58	-	190	59	85	299	691
28.	Government Mohan Kumaramangalam Medical College, Hospital, Salem	83	227	66	22	36	155	589
29.	Annal Gandhi Memorial Govt. Hospital, Tiruchirapalli (including) Government T.B Hospital, Tiruchirapalli	25	139	102	29	81	139	515
		3	7	4	4	2	18	38
30.	Thoothukudi Govt.Medical College Hospital, Thoothukudi	38	121	54	20	24	92	349
31.	Government Vellore Medical College Hospital, Vellore (including) Subsidiary Hospital, Vellore.	51	124	54	32	36	157	454
		3	20	14	7	3	27	74
32.	Government Kanyakumari Medical College Hospital, Kanyakumari (including) Subsidiary Hospital, Nagercoil	42	77	38	19	46	72	294
		10	57	18	16	25	121	247
33.	Government Theni Medical College Hospital, Theni	26	29	33	5	4	19	116
	<b>Total</b>	<b>1388</b>	<b>4579</b>	<b>2996</b>	<b>1535</b>	<b>2748</b>	<b>6416</b>	<b>19662</b>

## HOSPITALS AND DISPENSARIES - NUMBER OF BEDS

Sl. No.	Name of the Institution (1)	A.C.Room (2)	A Class Ward (3)	B Class Ward (4)	C Class Ward (5)	General Ward (6)	Total (7)
1.	Government General Hospital, Chennai	4	18	74	-	2633	2729
2.	Govt. Peripheral Hospital, Periyar Nagar	-	-	-	-	100	100
3.	Government Stanley Hospital, Chennai	-	6	12	55	1208	1281
	(i) Government Peripheral Hospital, Tondiarpet, Chennai	-	-	-	-	100	100
4.	Government Kilpauk Medical College Hospital, Chennai	-	2	7	20	486	515
	(i) Government Peripheral Hospital, Anna Nagar, Chennai	-	-	-	-	100	100
5.	Government Royapettah Hospital, Chennai	-	-	7	18	687	712
	(i) Govt. Hospital, Saidapet, Chennai	-	-	-	-	32	32
	(ii) Government Peripheral Hospital, K.K. Nagar, Chennai	-	-	-	-	100	100
6.	Regional Institute of Ophthalmology and Govt. Ophthalmic Hospital, Chennai	2	5	16	84	371	478
7.	Government Kasthurba Gandhi Hospital for Women and Children, Chennai	-	1	8	44	642	695
8.	Institute of Obstetrics and Gynaecology and Government Hospital for Women and Children, Chennai	5	2	6	-	739	752
9.	Institute of Child Health and Hospital for Children, Chennai	-	-	-	-	537	537
10.	Government R.S.R.M. Hospital-in-Lying Hospital, Chennai	-	-	58	-	452	510
11.	Institute of Mental Health, Chennai-10	-	20	122	-	1658	1800
12.	Government Thiruvotteeswar Hospital for Thoracic Medicine, Otteri, Chennai-12	-	-	6	16	200	222
13.	Government Institute of Rehabilitation Medicine, K.K. Nagar, Chennai-83	-	-	-	-	60	60
14.	Government Hospital for Thoracic Medicine, Tambaram, Chennai-47	2	4	24	21	725	776
15.	Government Chengalpattu Medical College Hospital, Chengalpattu	-	-	6	24	600	630

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
16.	Government Raja Mirasdar Hospital, Thanjavur	-	-	-	32	608	640
17.	Govt. Thanjavur Medical College Hospital, Thanjavur	53	6	10	20	589	678
18.	Government Rajaji Hospital, Madurai	19	7	23	38	2131	2218
	I) Government Hospital, Balarangapuram	-	-	-	-	40	40
	ii) Government Hospital for Thoracic Medicine, Thoppur	-	-	-	-	207	207
	iii) Government Hospital for Infectious diseases, Thoppur	-	-	-	-	52	52
	iv) Government Cholera Collection Centre, Thoppur	-	-	-	-	28	28
19.	Tirunelveli Medical College Hospital, Tirunelveli – including Frieda Monnier Govt Hospital, Kalakad	-	1	12	--	1105	1118
		-	-	-	-	30	30
20.	Coimbatore Medical College Hospital, Coimbatore	1	2	6	16	1020	1045
21.	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	-	--	-	-	286	286
22.	Government Mohan Kumaramangalam Medical College Hospital, Salem	-	20	-	4	807	831
23.	Annal Gandhi Memorial Government Hospital, Tiruchirapalli	-	-	12	-	609	621
	(including) Government Rajaji T.B. Hospital, Tiruchirapalli	-	-	-	-	100	100
24.	Thoothukudi Govt. Medical College Hospital, Thhothukudi	-	-	4	10	598	612
25.	Government Vellore Medical College Hospital, V ellore (including) Subsidiary Hospital, Vellore.	-	-	-	-	541	541
		-	-	-	-	148	148
26.	Government Kanyakumari Medical College Hospital, Kanyakumari (including) Subsidiary Hospital, Nagercoil	-	-	-	-	402	402
		-	-	4	20	376	400
27.	Government Theni Medical College Hospital, Theni	-	-	-	-	300	300
	<b>Total</b>	<b>86</b>	<b>94</b>	<b>417</b>	<b>422</b>	<b>21407</b>	<b>22426</b>

## STATEMENT SHOWING THE NUMBER OF IN-PATIENTS ADMISSIONS

Sl. No.	Name of the Hospitals	Total Number of In-patients Treated		Average Per Day		Total Number of Out-Patients Treated	
		2004-2005	2005-2006	2004-2005	2005-2006	2004-2005	2005-2006
		(1)	(2)	(3)	(4)	(5)	(6)
1.	Government General Hospital, Chennai	571657	708061	1595	1940	2190351	2499567
	(i) Government Peripheral Hospital, Periyar Nagar	26401	22979	72	63	423220	385532
2.	Government Stanley Hospital, Chennai	423446	433687	1160	1188	2205239	2279178
	(i) Government Peripheral Hospital, Tondiarpet, Chennai	16218	17866	44	49	272128	260540
3.	Government Kilpauk Medical College Hospital, Chennai	260803	275687	715	755	1096697	1067891
	(i) Government Peripheral Hospital, K.K. Nagar, Chennai	28847	16034	79	44	459230	402858
4.	Government Royapettah Hospital, Chennai	245471	256169	672	700	925222	990141
	(i) Government Hospital, Saidapet, Chennai-15	2574	1652	7	5	388660	501952
5.	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai-8	104447	101458	286	278	197145	192748
6.	Government Kasthurba Gandhi Hospital for Women and Children, Chennai-5	260251	284713	713	780	328035	311218
7.	Institute of Obstetrics and Gynaecology and Government Hospital for Women and Children, Chennai	366433	347278	1004	952	183373	198128
8.	Institute of Child Health and Hospital for Children, Chennai	235676	233639	646	640	719759	727545
9.	Government R.S.R.M. Lying-in Hospital, Chennai	147099	155594	403	426	119872	121213
10.	Institute of Mental Health, Chennai	384746	420147	1054	1151	119693	119783
11.	Government Tiruvotteswarar Hospital for Thoracic Medicine, Otteri, Chennai-12	54703	42334	150	116	96152	94930
12.	Govt. Peripheral Hospital, Arignar Anna Nagar, Chennai	34205	21220	94	58	381407	219416
13.	Government Institute of Rehabilitation Medicine, K.K. Nagar, Chennai-83	19306	15420	53	42	117428	115100
14.	Tamil Nadu Government Dental College and Hospital, Chennai	-	-	-	-	175269	200072
15.	Government Hospital for Thoracic Medicine, Tambaram,	311937	313215	855	858	332393	345182
16.	Government Chengalpattu Medical College Hospital, Chengalpattu	269248	248773	738	682	1255764	1256244

		(1)	(2)	(3)	(4)	(5)	(6)
17.	Government Raja Mirasdar Hospital, Thanjavur	304277	301550	834	826	1064300	1008701
18.	Government Thanjavur Medical college Hospital, Thanjavur	308179	288184	844	790	619686	705313
19.	Government Rajaji Hospital, Madurai	785000	734389	2150	2012	3385200	2645421
	(i) Government Hospital, Balarangapuram, Madurai	7810	5405	21	15	217270	171010
	(ii) Government Hospital for Thoracic Medicine, Thoppur, Madurai	60380	47742	165	130	-	-
		984	829	3	2	-	-
	(iii) Government Infectious Diseases Hospital, Thoppur, Madurai	1873	1744	5	5	-	-
	(iv) Government Cholera Collection Centre, Thoppur, Madurai						
20.	Government Tirunelveli Medical College Hospital, Tirunelveli	319856	360624	876	988	745891	714168
	(i) Frieda Monniar Hospital, Kalakkad, Tirunelveli	4300	3705	12	10	45960	44577
21.	Coimbatore Medical College Hospital, Coimbatore	439625	479188	1204	1312	1488170	1553823
22.	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kanchipuram	84163	83697	230	229	25335	28521
23.	Government Arignar Anna Memorial Cancer Institute, Kancheepuram	-	-	-	-	37558	29896
24.	Government College of Physiotherapy, Tiruchirapalli	-	-	-	-	21384	27844
25.	Government Mohan Kumaramangalam Medical College Hospital, Salem	307964	356474	844	977	1709450	1700693
26.	Annal Gandhi Memorial Government Hospital, Tiruchirapalli	261988	246130	718	674	1334339	1313644
	(including) Government Rajaji T.B. Hospital, Tiruchirapalli.	16468	15004	45	41	43220	40429
27.	Institute of Thoracic Medicine, Chetput, Chennai	-	-	-	-	210300	218530
28.	Thoothukudi Govt. Medical College Hospital, Thoothukudi	203140	215749	557	591	953655	1020272
29.	Government Vellore Medical College Hospital, Vellore	198376	238921	543	655	604090	506628
	(including) Subsidiary Hospital, Vellore..	-	-	-	-	-	-
30.	Government Kanyakumari Medical College Hospital, Kanyakumari	136884	181473	375	497	575950	727859
	(including) Subsidiary Hospital, Nagercoil.	-	-	-	-	-	27991
31	Government Theni Medical College, Theni.	-	162134	-	444	-	375773
	<b>Total</b>	<b>7204735</b>	<b>7638868</b>	<b>19739</b>	<b>20925</b>	<b>25069295</b>	<b>25150331</b>

## STATEMENT SHOWING THE NUMBER OF OUT-PATIENTS AND ADMISSIONS

Sl. No.	Name of the Institution (1)	Average Number of Out-Patients Per Day		Total Number of In-Patients Discharged		Average Length of Stay Per Patient (in days)	
		2004-2005 (2)	2005-2006 (3)	2004-2005 (4)	2005-2006 (5)	2004-2005 (6)	2005-2006 (7)
1.	Government General Hospital, Chennai	6159	6848	58211	73136	10	10
2.	Government Stanley Hospital, Chennai	6041	6244	52845	70663	8	6
3.	Government Kilpauk Medical College Hospital, Chennai	2990	2926	37095	38844	6	8
4.	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	540	528	14139	13371	8	8
5.	Government Royapettah Hospital, Chennai (i) Government Hospital, Saidapet, Chennai-15	2398 1065	2713 1375	33023 560	32668 634	7 5	8 8
6.	Government Kasturba Gandhi Hospital for Women and Children, Chennai	898	853	26031	26492	11	11
7.	Institute of Obstetrics and Gynaecology and Government Hospital for Women and Children, Chennai	502	544	33705	32691	11	10
8.	Institute of Child Health and Hospital for Children, Chennai	1972	1993	36181	36617	6	6
9.	Government R.S.R.M. Lying-in Hospital, Chennai	328	331	21122	22410	7	8
10.	Institute of Mental Health, Chennai	328	328	5762	3128	96	104
11.	Government Tiruvotteswarar Hospital for Thoracic Medicine, Otteri, Chennai	263	260	3270	2575	15	16
12.	Institute of Thoracic Medicine, Chetput, Chennai	576	599	-	-	-	-
13.	Government Peripheral Hospital, K.K. Nagar, Chennai	1258	1104	5069	3298	8	8
14.	Government Peripheral Hospital, Anna Nagar, Chennai	1045	601	8927	5324	7	7
15.	Government Peripheral Hospital, Tondiarpet, Chennai	746	714	2065	2062	6	6
16.	Government Institute of Rehabilitation Medicine, K.K. Nagar, Chennai	322	315	591	623	30	25
17.	Government Hospital for Thoracic Medicine, Tambaram, Chennai	912	945	25431	26103	10	12
18.	Government Chengalpattu Medical College Hospital, Chengalpattu	3440	3442	51666	45602	5	6

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
19.	Raja Mirasdar Hospital, Thanjavur	2915	2764	55143	52586	6	6
20.	Government Thanjavur Medical College Hospital, Thanjavur	1698	1934	46662	42557	7	7
21.	Tamil Nadu Government Dental College and Hospital, Chennai	480	548	-	-	-	-
22.	Government Rajaji Hospital, Madurai	9275		88400	87659	9	8
	(i) Government Hospital for Thoracic Medicine, Thoppur, Madurai	-	7248	1566	1342	55	55
		595	-	775	576	8	8
	(ii) Government Hospital, Balarangapuram, Madurai	-	469	900	1570	2	2
	(iii) Government Cholera Collection Centre, Thoppur, Madurai	-	-	2600	477	2	2
	(iv) Government Infectious Diseases Hospital, Thoppur, Madurai	-	-	-	-	-	-
23.	Government Tirunelveli Medical College, Hospital, Tirunelveli	2044	1957	40550	45769	8	8
	(i) Frieda Monniar Government Hospital Kalakhad, Tirunelveli	125	122	534	379	14	15
24.	Government Coimbatore Medical College Hospital, Coimbatore	4077	4257	73366	67079	7	7
25.	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	69	78	3645	3631	20	21
26.	Government Arignar Anna Memorial Cancer Institute, Kancheepuram	102	82	-	-	-	-
27.	Government Peripheral Hospital, Periyar Nagar, Chennai	1160	1056	2908	2886	8	8
28.	Government College of Physiotherapy, Tiruchirapalli	59	76	-	-	-	-
29.	Government Mohan Kumaramangalam Medical College Hospital, Salem	4683	4659	47930	48612	7	7
30.	Annal Gandhi Memorial Government Hospital, Tiruchirapalli (including)	3655	3600	51863	47838	5	5
	Government Rajaji T.B. Hospital, Tiruchirapalli	118	111	896	1043	15	15
31.	Thoothukudi Govt. Medical College Hospital, Thoothukudi	2612	2795	30070	33778	6	6
32.	Government Vellore Medical College Hospital, Vellore (including) Subsidiary Hospital, Vellore.	1655	1388	48474	41219	4	4
		-	-	-	-	-	-
33.	Government Kanyakumari Medical College Hospital, Kanyakumari (including) Subsidiary Hospital, Nagercoil.	1578	1994	15748	26124	6	7
		-	77	-	-	-	-
34.	Government Theni Medical College Hospital, Theni	-	1030	-	24205	-	5
	<b>Total</b>	<b>68683</b>	<b>68908</b>	<b>927723</b>	<b>965571</b>	<b>-</b>	<b>-</b>

**NUMBER OF OPERATIONS PERFORMED, NUMBER OF X-RAYS TAKEN ETC. DURING THE YEAR 2005-2006**

Sl.No.	Name of the Institution	Number of Operations Performed			Number of Laboratory Tests Conducted	Number of X-rays Taken	Number of MRI / C T Scan Taken
		Major	Minor	Total			
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.	Government General Hospital, Chennai	18242	30760	49002	1746506	217139	3938 / 43833
2.	Government Stanley Hospital, Chennai	13902	26872	40774	921828	143836	17221
3.	Government Kilpauk Medical College Hospital, Chennai	9675	17266	26941	573678	70667	7300
4.	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	17625	19897	37522	107966	3558	10783
5.	Government Royapettah Hospital, Chennai(including) (i) Government Hospital, Saidapet, Chennai-15	8913 -	25428 -	34341 -	667353 361154	95062 2093	11281 -
6.	Government Kasturba Gandhi Hospital for Women and Children, Chennai	8968	15090	24058	307451	7865	-
7.	Institute of Obstetrics and Gynaecology and Government Hospital for Women and Children, Chennai	14260	15945	30205	505759	12227	-
8.	Govt.Inst. of Child Health and Hospital for Children, Chennai	7797	9382	17179	703616	57731	-
9.	Government R.S.R.M. Lying-in Hospital, Chennai	9063	2185	11248	108464	2413	2662
10.	Government Institute of Mental Health, Chennai	-	-	-	76705	5061	-
11.	Govt. Tiruvotteswarar Hospital for Thoracic Medicine, Chennai	-	-	-	36570	6312	-
12.	Institute of Thoracic Medicine, Chetput, Chennai	-	-	-	32203	38896	-
13.	Government Peripheral Hospital, K.K. Nagar, Chennai	668	2183	2851	59366	5376	-
14.	Government Peripheral Hospital, Anna Nagar, Chennai	770	2122	2892	114260	8609	-
15.	Government Peripheral Hospital, Tondiarpet, Chennai	89	232	321	29244	1214	-
16.	Government Institute of Rehabilitation Medicine, K.K. Nagar, Chennai	12	78	90	2198	2603	-

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
17.	Government Hospital for Thoracic Medicine, Tambaram, Chennai	-	7360	7360	588022	79242	-
18.	Government Chengalpattu Medical College Hospital, Chengalpattu	11799	16079	27878	386335	40070	8592
19.	Government Raja Mirasdar Hospital, Thanjavur	14187	16241	30428	158058	24028	-
20.	Government Thanjavur Medical College Hospital, Thanjavur	5819	4245	10064	473555	70812	952/2892
21.	Tamil Nadu Government Dental College and Hospital, Chennai	180	2923	3103	24618	39131	-
22.	Government Rajaji Hospital, Madurai	29777	34599	64376	1787789	98794	18595 / 3293
	(i) Government Hospital, Balarangapuram, Madurai	95	150	245	23056	717	-
	(ii) Government Hospital for Thoracic Medicine, Thoppur, Madurai	-	-	-	13544	770	-
23.	Government Tirunelveli Medical College, Hospital, Tirunelveli	9956	9073	19029	424918	52238	-
	(i) Frieda Monniar Government Hospital Kalakkad, Tirunelveli	-	98	98	6303	342	-
24.	Government Coimbatore Medical College Hospital, Coimbatore	13184	11744	24928	828959	65676	14461
25.	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	176	2856	3032	63317	3775	-
26.	Government Peripheral Hospital, Periyar Nagar, Chennai	684	795	1479	50469	4293	-
27.	Government Mohan Kumaramangalam Medical College Hospital, Salem	9568	26557	36125	763054	68402	13271
28.	Annal Gandhi Memorial Government Hospital, Tiruchirapalli (including)	7655	13429	21084	394386	22893	13320
	Government Rajaji T.B. Hospital, Tiruchirapalli	-	-	-	5628	923	-
29.	Thoothukudi Govt. Medical College Hospital, Thoothukudi	6180	4800	10980	412870	26739	6987
30.	Arignar Anna Memorial Cancer Institute, Kancheepuram	-	-	-	34297	-	-
31.	Government Vellore Medical College Hospital, Vellore (including) Subsidiary Hospital, Vellore.	4641	1750	6391	290885	15123	7768
		-	-	-	-	-	-
32.	Government Kanyakumari Medical College Hospital, Kanyakumari (including) Subsidiary Hosital, Nagercoil.	7441	21553	28994	359546	24047	4371
		-	-	-	3475	-	-
33	Government Theni Medical College Hospital,Theni.	3882	2750	6632	340285	25223	-
	<b>Total</b>	<b>235208</b>	<b>344442</b>	<b>579650</b>	<b>13787690</b>	<b>1343900</b>	<b>23485/168035</b>

## **King Institute of Preventive Medicine, Guindy, Chennai.**

The King Institute of Preventive Medicine, Guindy, Chennai was started in 1899 and is being maintained by the Government of Tamil Nadu. It was originally designed to serve as a vaccine lysate depot of the State. This Institute has been developed into a major Public Health Laboratory in the country, manufacturing human vaccines and sera with allied Teaching and Research in the field of Microbiology and Immunology.

### **Anti-Toxin Section**

This department is engaged in the manufacture of polyvalent Anti Snake venom that neutralises Venoms of most dangerous poisonous Snakes.

### **Blood Bank**

1. Anti A1, Lectin is manufactured and supplied to Government Hospitals in Tamil Nadu State.
2. Blood grouping and Rh typing are done for T.S.P. trainees from various centres and for staff of various Government departments.
3. Rh antibody titre, coombs tests and other tests are carried out for Rh negative pregnant women referred to by Government Hospitals as well as private hospitals.
4. Training on safe blood transfusion for Medical Officers and Nurses from various Government Hospitals in Tamil Nadu State is given. Teaching work for M.D.(Micro). D.C.P. and under graduates in Micro students and Technicians on Blood Transfusions and Immuno Haematology is also carried out in this department.
5. Storage and supply of Aids kits to Government Blood Banks.

### **Therapeutic Vaccine Section**

In the therapeutic vaccine section, maintenance of cultures, manufacture and supply of auto vaccines, therapeutic vaccine, Diagnostic, bacterial suspension and Anti sera are carried out throughout the year.

Testing of food samples are carried out for VIPs on their visit to Chennai.

Stool samples are received from PHCs for detection of vibro cholera.

### **Veterinary Section**

Equines are maintained for the production of poly valent Anti snake venom serum. Stock position as on November 2005 is 98. Out of which 77 equines are under immunization.

### **Department of Biological Control**

It functions as a Laboratory for analysis of schedule C and C1 drugs for State under the Drugs and Cosmetics Act. The raw materials and Glasswares purchased for the production of Sera and Vaccines are also tested here. Drug samples received from Tamil Nadu Medical Services Corporation are analysed and reported on payment basis. The total number of tests done upto October 2005 is 712.

### **Library**

All the standard journals and reference books in Microbiology, Virology, Immunology, Bio-chemistry and its allied subjects are available. Bibliographic works and xerox facilities are also available in this Library. This is one of the Best Reference Libraries in our country.

### Teaching Activities

Ph.D., Post Graduate and Under Graduate students in Medical Microbiology are being given one to two years training in various Departments.

Diploma in Medical Laboratory Technician course for 2 years with the intake of 40 - 50 candidates per annum.

### International Vaccine Centre.

This centre mainly deals with issue of International Vaccination Certificate to the Travellers particularly for Yellow Fever. Total number of persons inoculated from April to October 2005 is 1444. Haj Pilgrims are inoculated with Meningococcal vaccine.

Under this Institute, Department of Diphtheria Toxoid, Virology Section, Media Section, Central Filling Section, Maintenance Section (Mechanical, Electrical & Refrigeration ), Tetanus Toxoid Department, Overseas Section, Medical Stores, Administrative Office and Package Section etc., are also functioning.

### RECEIPT AND EXPENDITURE - KING INSTITUTE

(Rs. in lakhs)

Year	Receipts	Expenditure
2004-2005	17.26	480.60

## Chapter – 2

### MEDICAL AND RURAL HEALTH SERVICES

The Director of Medical and Rural Health Services is in charge of planning and execution of all programmes of Medical Services in Tamil Nadu. He is responsible for rendering Medical care services, through the grid of 29 District Headquarters Hospitals, 155 Taluk Hospitals, 80 Non Taluk Hospitals, 12 Dispensaries, 11 Mobile Medical Units, 7 Women and Children Hospitals, 2 TB Hospitals/Sanatorium, 2 TB Clinics and 7 Leprosy Hospitals / Centres. The Director of Medical and Rural Health Services also looks after the implementation of various schemes like Human Organ Transplantation Act and Private Clinical Establishment Regulation Act, Pre-Natal Diagnostic Techniques Act, Recognition of Private Hospitals, District Mental Health programme, etc.

29 of the 30 Revenue Districts in the State with the exception of Chennai City are administered either by Joint Director of Medical and Rural Health Services and Family Welfare or by Deputy Director of Medical and Rural Health Services and Family Welfare.

The Deputy Director of Medical and Rural Health Services (TB) in every District implements the Revised National Tuberculosis Control programme (RNTCP). The Deputy Director of Medical and Rural Health Services (Leprosy) in each District looks after the leprosy eradication programme. This programme has already been integrated with the Directorate of Public Health and Preventive Medicine to involve Leprosy field Staff in Public Health work and the Health Inspectors in Leprosy work.

Improvements to District, Taluk, Non-Taluk Hospitals and Dispensaries constitute an important development of plan of activities in the shape of expanded medical facilities, specialized services such as Medicine, Surgery, Obstetrics and Gynaecology, Ophthalmology, ENT, Venerology, Orthopaedic Surgery, Anaesthesiology, Child Health, Dental, Psychiatric Clinics, Ambulatory Services, Pathological Laboratory Services, Leprosy, TB, Diabetic clinics, Cardiology, Nephrology and most of other improvements. Accident and Emergency Service to meet the accident hazards is being implemented in a phased manner. The Maternity and Child Health and Family Welfare activities are undertaken effectively through non-teaching medical institutions under family welfare post partum programme.

In other Programmes, such as Control of Blindness, Medical Facilities under Hill Area Development programme and Adi Dravidar and Tribal Welfare Schemes etc., the Medical Services Department is coordinating and implementing the programmes through the Government Medical Institutions under this Department.

#### Direction, Supervision and Policy formation:

The strength of various categories of staff is given below:-

#### Staff Strength at the Directorate:

SI No	Staff Position	No. of Posts 2005-2006
1.	Director	1
2.	Additional Directors of Medical and Rural Health Services	6
3	Additional Directors of Medical and Rural Health Services (Admn)	1
4.	Joint Director of Medical and Rural Health Services	3
5	Joint Director of Medical and Rural Health Services (Admn)	1
6.	Deputy Directors of Medical Services (Leprosy)	1
7	Deputy Director of Medical and Rural Services(Admn)	1
8	Financial Advisor & Chief Accounts Officer	1
9	Other A & B Group Staff	10
10	Ministerial Staff	201
11	Office Assistants and Others	84
	Total	310

**Hospital and Dispensaries:**

Each District has a District Headquarters Hospital, Taluk Headquarters Hospitals, Non-Taluk Hospitals and Dispensaries. The District level administrative control of the Medical Institutions including Family Welfare Programme is vested with the Joint Director of Medical and Rural Health Services and Family Welfare.

The strength of staff under District level Administration is given below:-

Sl. No	Name of the Post	No. of Posts
1	Joint Director of Health Services	29
2	Senior Civil Surgeon (General)	223
3	Senior Civil Surgeon (Dental)	24
4	Senior Civil Surgeon (Foreign Service)	78
5	Civil Surgeon Specialist	161
6	Deputy Director (TB)	28
7	Deputy Director (Leprosy)	24
8	Assistant Surgeon / Senior Assistant Surgeon / Civil Surgeon (Including Dental)	1986
9	Nursing Staff	5027
10	Ministerial Staff	1260
11	Paramedical Staff	3427
12	Other Staff	5426
	Total	17693

**OBJECT-WISE CLASSIFICATION**

Sl. No.	Object	Accounts 2004-05	Budget Estimate 2005-2006	(Rs.in lakhs) Revised Estimate 2005-2006
1	Salaries	10389.73	10726.66	10498.32
2	Wages	10.24	39.21	4.46
3	Dearness Allowance	5415.03	6925.97	6594.64
4	Travel Expenses	50.25	61.00	61.54
5	Office Expenses	699.54	760.55	797.22
6	R.R.T.	22.33	30.30	38.63
7	Advertisement and Publicity	2.05	7.15	12.00
8	Grants – in – aid	63.47	42.59	1059.12
9	Contribution	-	2.00	1.00
10	Periodical Maintenance (PWD & JDHS)	918.41	1189.83	1489.49
11	Wages (PWD)	43.26	3.30	3.47
12	Machinery & Equipment	373.21	164.48	503.74
13	Motor Vehicle	92.32	9.76	15.89
14	Interest	0.15	-	-
15	Inter Accounts Transfer	-45.95	-25.00	-20.00
16	Payment for Professional and Special Services	153.74	154.47	229.08
17	Petrol, Oil, Lubricant	68.22	90.11	110.26
18	Clothing, Tentage and Stores	50.19	80.02	80.80
19	Stores and Equipments	455.76	366.21	439.28
20	Festival Advance	86.81	129.91	116.95
21	Compensation	3.60	-	3.63
22	Prizes and Awards	3.12	2.35	3.11
23	Medicines	4867.75	4209.70	4215.79
24	Feeding Dietary Charges	629.56	710.62	704.90
25	Computer & Accessories	4.09	31.03	32.91
26	Training	23.00	-	15.00
27	Deduct Recoveries(-)	-143.29	-129.91	-116.95

**DISTRICT-WISE INSTITUTIONS**

(ABSTRACT)

SI.No.	District	HQRS	TALUK	NON TALUK	OTHERS	TOTAL
1	Kancheepuram	1	6	1	3	11
2	Vellore	1	5	4	1	11
3	Thiruvannamalai	1	5	1	0	7
4	Cuddalore	1	5	2	1	9
5	Dharmapuri	1	4	0	3	8
6	Salem	1	6	2	2	11
7	Erode	1	6	3	1	11
8	Coimbatore	1	6	8	2	17
9	The Nilgiris	1	5	0	6	12
10	Trichy	1	6	2	1	10
11	Pudukkottai	1	8	3	1	13
12	Dindigul	1	6	5	2	14
13	Madurai	1	4	1	1	7
14	Virudhunagar	1	7	1	1	10
15	Sivaganga	1	5	4	7	17
16	Ramanathapuram	1	6	3	0	10
17	Tirunelveli	1	6	6	1	14
18	Thoothukudi	1	6	2	0	9
19	Kanyakumari	1	2	6	0	9
20	Nagapattinam	1	7	4	1	13
21	Thanjavur	1	6	6	0	13
22	Villupuram	1	7	2	4	14
23	Karur	1	3	2	0	6
24	Perambalur	1	5	1	0	7
25	Thiruvallur	1	7	3	1	12
26	Thiruvarur	1	6	1	1	9
27	Theni	1	3	2	0	6
28	Namakkal	1	3	4	0	8
29	Krishnagiri	1	4	1	1	7
	Total	29	155	80	41	305

**Hill Area Development Programme:**

The following institutions are now functioning under Hill Area Development Programme in the State:

1. Forty bedded ward at Government Headquarters Hospital, Udhamandalam.
2. Forty bedded ward at Government Hospital, Gudalur.
3. Government Dispensary at Gudalur Bazaar.

**Tribal Development Programme:**

Government have established the following Dispensaries to provide medical facilities to the Tribal Population especially living in remote areas:

1. Thoradipattu, Kalvarayan Hills in Villupuram District
2. Melivalur, Kalvarayan Hills, Villupuram District.
3. Tribal Dispensary at (Kalvarayan Hills) Villupuram District.
4. Kariyakoil, Kalvarayan Hills, Salem District.
5. Sempulichempatti, Trichy District.

## T.B. CONTROL PROGRAMME:

Every year, almost 1.8 million new cases occur in the country, of which almost half are infectious. Systematic and sustained effort combined with successful implementation of DOTS strategies can only effectively control this menace.

There are 8 TB Hospitals in Tamil Nadu – 2 under the control of the Directorate of Medical and Rural Health Services, 4 under the control of Directorate of Medical Education and 2 private. There are 3091 beds in the State exclusively for in-patient Treatment of acutely ill-patients. All the other patients are under the Directly Observed Treatment Short course (DOTS) treatment in the nearest health facility of the patient. A State level Officer in the rank of Additional Director of Medical and Rural Health Services is acting as State Tuberculosis Officer to coordinate and supervise the Revised National Tuberculosis Control Programme (RNTCP). At the District level, the Deputy Director of Medical Services is the manager of the Programme.

Government of India with the World Bank Assistance is providing 100% expenditure for drugs and establishment cost of all District TB Control Societies headed by the District Collectors. The State Government meet the entire expenditure on running all the District TB Centres and Government TB Hospitals.

The Revised National TB Control Programme (RNTCP) is implemented in all the Districts through 140 TB Units (one for every 5 lakh population), 776 Microscopic Centres (one for every one lakh population) and about 11,000 DOT Centres. The RNTCP Programme also has a good partnership with NGOs, Private Hospitals and Private Doctors, Railways, Port Trust and Military Hospitals. The Programme has examined 6.5 lakh persons and diagnosed about 91,720 TB patients during the year 2005-06, of them 36066 persons are new sputum positive patients, 86% of these patients are cured. It has achieved all the parameters and targets fixed by Government of India.

### ACHIEVEMENTS UNDER THE RNTCP PROGRAMME

Year	New Sputum Positive TB Patients diagnosed			Chest Symptomatics for whom sputum examination was done			Cure rate w.r.t. new sputum + TB patients diagnosed.	
	Target	Achievement	%	Target	Achievement	%	Target	Achievement
2000-2001	30890	24533	79%	308880	384506	124%	85%	37%
2001-2002	31055	23589	76%	310550	380747	123%	85%	81%
2002-2003	31055	24346	78%	310550	376037	121%	85%	84%
2003-2004	31055	36104	116%	310550	596367	192%	85%	88%
2004-2005	48602	39562	81%	486024	632533	130%	85%	89%
2005-2006	48602	36066	74%	486024	650123	134%	85%	86%

**EXPENDITURE DETAILS UNDER TB CONTROL PROGRAMME**

(Rs. in Lakhs)

Year	GOI (External Assistance Component)
2000-2001	281.88
2001-2002	755.59
2002-2003	485.54
2003-2004	565.00
2004-2005	735.93
2005-2006	830.32

**DISTRICT MENTAL HEALTH PROGRAMME:**

The District Mental Health programme is first implemented as pilot project in Trichy district. This scheme has been extended to Madurai and Ramanathapuram districts. It is now under implementation in Theni, Kanyakumari, Erode, Dharmapuri and Nagapattinam districts. This is a centrally sponsored scheme. The Central assistance for the Trichy district is one of the schemes in Trichy district has been taken over by the State from the year 2005-06.

**FINANCIAL PERFORMANCE**

(Rs. in Lakhs)

SI No	Programme Activity Classification	Accounts 2004-2005			Budget Estimate 2005-06			Revised Estimate 2005-06		
		Plan	Non Plan	Total	Plan	Non Plan	Total	Plan	Non Plan	Total
1.a	Direction and Administration at Head quarters level	3.97	292.97	296.94	7.95	324.59	332.54	8.95	332.90	341.85
b.	Direction and Administration at District level	-	540.82	540.82	-	629.86	629.86	-	571.03	571.03
2.a	Hospitals & Dispensaries	291.34	20382.79	20674.13	220.24	21194.39	21414.63	597.04	20932.14	21529.18
b.	Ambulance van and Mortuary van	-	43.03	43.03	-	51.38	51.38	-	49.52	49.52
c.	Mobile Medical Unit	-	21.36	21.36	-	25.07	25.07	-	23.46	23.46
3a.	Leprosy control Programme	103.39	675.83	779.22	88.92	852.22	941.14	108.76	725.95	834.71
b.	T.B. Control Programme	11.00	508.50	519.50	13.16	590.59	603.75	8.57	566.89	575.46
c.	Control of AIDS	3.32	-	3.32	4.65	-	4.65	3.54	-	3.54
d	Illness Assistance Society	-	-	-	0.01	-	0.01	1000.00	-	1000.00
4.	Grants	15.00	48.47	63.47	-	42.58	42.58	16.54	42.58	59.12
5.	Laboratory Services	-	67.46	67.46	-	76.58	76.58	-	72.79	72.79
6.	Prevention and Control of Blindness	-	201.59	201.59	-	215.12	215.12	-	212.66	212.66
7.	Mental Health Programme	82.17	-	82.17	48.01	-	48.01	117.51	-	117.51
8	Maintenance and Repair	-	960.13	960.13	-	1191.87	1191.87	-	1492.04	1492.04
9.	Hill Area Development Programme	0.14	29.26	29.40	0.32	29.79	30.11	0.25	31.15	31.40

**Physical Performance Report of District Headquarters Hospitals, Taluk and Non-Taluk Hospitals and Dispensaries (District-wise)**

Sl. No.	DISTRICT	BEDS	TOTAL OP	Average OP/DAY	TOTAL IP	Average IP/DAY	Major Operations done	Minor Operations done	Emergency cases treated	Total Deliveries	Caesareans	Medico-legal cases treated	Post Mortem done	Accident cases treated	Total No. of Lab. Examinations done	Total No. of X Rays Taken	Average Birth per day
01	Kancheepuram	836	3242987	8884	270809	742	11127	70820	212324	11841	2129	16022	807	10454	636595	12418	32
02	Vellore	972	3043964	8341	308588	845	14852	27073	72822	17100	2440	13767	965	4343	1105916	7205	47
03	Thiruvannamalai	773	2713716	7435	234926	643	16563	46141	45436	8086	789	12422	456	2444	2031242	6997	22
04	Cuddalore	1026	2915347	7988	294608	807	13208	29406	18547	11284	1650	10550	1029	6474	966505	19753	31
05	Dharmapuri	555	1432201	3924	182798	501	4435	5993	10624	7452	1168	7175	487	2839	571175	10196	20
06	Salem	531	2303801	6312	153381	420	3116	16842	16620	4090	405	8847	354	1530	652981	9929	11
07	Erode	1145	3936690	10786	417142	1143	14216	21153	13661	11123	2592	9861	1385	5667	1218037	18021	30
08	Coimbatore	1206	4018511	11011	476251	1304	15217	25672	42242	18621	3298	14039	1943	10113	2512294	13409	51
09	The Nilgiris	811	699307	1916	65252	179	2103	3817	7699	3065	671	2427	307	665	97003	9189	8
10	Trichy	437	1832198	5020	143234	391	8875	37044	37967	4373	447	4415	227	1283	367515	3077	12
11	Pudukkottai	1040	2276736	6238	275762	756	8672	38657	23046	11962	1903	8339	418	3719	522403	17975	33
12	Dindigul	878	3505730	9604	175076	479	4398	19827	18020	7767	791	8605	1074	2275	1038950	14736	21
13	Madurai	436	1645354	4508	138915	380	598	21045	7517	4866	757	4136	278	2209	200182	17227	13
14	Virudhunagar	1046	3011796	8251	276588	759	5985	7471	8267	6190	1123	6528	544	4065	593599	17013	17
15	Sivaganga	706	1912237	5239	165558	452	7441	11057	32416	5793	1290	3927	330	1373	369052	7783	16
16	Ramanathapuram	938	2492388	6829	195517	535	8179	20452	11232	6116	1184	3517	354	2199	792714	13985	17
17	Tirunelveli	802	2849784	7808	226753	621	8119	4076	8564	7897	1311	2648	511	875	637925	11327	22
18	Thoothukudi	538	1599156	4380	206340	566	2460	59261	23346	5951	1325	2980	400	993	304212	3828	16
19	Kanyakumari	393	1634692	4480	102353	281	1898	13641	4172	1776	216	1777	258	1015	339256	26960	5
20	Nagapattinam	970	2007934	5501	229658	628	7400	10814	87125	7348	1325	14068	442	2722	939058	9669	20
21	Thanjavur	831	2599361	7122	241209	661	3082	16378	33144	9311	1862	8258	508	3246	405770	7615	26
22	Villupuram	797	3138708	8600	445371	1220	7462	89255	149060	11662	307	21798	866	8492	920240	12846	32
23	Karur	419	1900992	5208	130951	360	3511	9328	6345	3927	723	2917	476	1272	227983	6128	11
24	Perambalur	368	1817434	4980	106690	292	7029	29707	17129	3795	437	5806	342	4159	572570	7682	10
25	Thiruvallur	422	2745405	7521	143180	393	42767	6784	28546	3923	1139	6675	429	3343	154101	6233	11
26	Thiruvarur	635	2248729	6159	216865	594	4876	40264	27922	6472	1053	4464	268	2251	485771	5555	18
27	Theni	492	2013694	5517	223564	612	1815	9216	20905	4248	818	3568	268	1242	355713	7444	12
28	Namakkal	659	2269179	6218	166984	457	8205	11496	38021	3837	907	5332	600	1716	923171	14628	11
29	Krishnagiri	438	1138357	3119	139632	383	7260	8312	11873	7003	1111	6125	586	3327	506838	5794	19
	Total	21100	68946388	188894	6353955	17408	244869	711002	1034592	216879	35171	220993	16912	96305	20448771	324622	594

**LIST OF SPECIAL DEPARTMENTS**

S.No	District	Paediatric Dept	Ortho Dept	Ophthalmic Dept	Ophthalmic Ward	ENT Dept	STD Dept	Blood Bank	Blood Storage Centre	Dental Clinic	Operation Theatre	P.H.Lab	ICCU	Skin Clinic	MRD	Psych Clinic	Diabet Clinic	Laboratory	A&E Unit	Xray Dept	U.S Scan	Total
1	Kancheepuram	3	2	2	0	1	1	3	1	5	7	1	3	0	0	1	0	7	2	6	6	51
2	Vellore	3	2	3	0	0	2	5	1	9	9	0	2	0	0	0	0	9	4	9	9	67
3	Tiruvannamalai	3	1	2	0	1	1	1	3	7	7	0	1	0	0	0	0	7	2	6	6	48
4	Cuddalore	3	3	3	1	2	2	3	0	5	7	1	2	1	1	1	1	6	1	5	7	55
5	Dharmapuri	3	1	1	0	1	1	1	1	3	8	1	3	1	0	1	1	10	1	6	4	48
6	Salem	3	1	1	0	1	1	2	0	4	7	0	2	0	0	0	0	9	3	5	7	46
7	Erode	3	4	3	0	1	2	3	3	7	10	0	1	1	1	1	1	9	4	9	8	71
8	Coimbatore	3	2	3	0	1	2	4	1	7	14	1	3	1	0	1	1	10	5	7	7	73
9	The Nilgris	3	2	2	0	2	2	2	1	4	5	1	1	0	0	1	0	4	3	4	4	41
10	Tiruchirappalli	2	1	1	0	0	2	1	3	4	5	0	0	0	0	0	0	7	1	6	6	39
11	Pudukkottai	2	2	2	1	1	2	2	2	6	11	1	1	0	1	1	0	10	1	9	10	65
12	Dindigul	2	1	2	0	2	2	2	1	6	9	1	2	0	1	1	1	10	3	7	11	64
13	Madurai	1	0	1	0	0	1	1	2	3	4	1	0	0	0	0	0	6	2	4	5	31
14	Virudhunagar	6	3	3	0	2	1	4	0	7	9	0	2	1	0	0	0	7	4	6	8	63
15	Sivaganga	6	1	2	0	1	1	2	2	7	9	0	1	0	0	0	0	17	1	8	9	67
16	Ramanathapuram	5	3	1	1	1	2	1	2	4	9	1	1	0	1	1	0	10	2	6	8	59
17	Tirunelveli	3	1	2	0	0	2	3	0	7	8	0	1	1	0	0	0	12	2	9	10	61
18	Thoothukudi	2	1	1	0	1	2	1	1	5	8	0	0	0	0	0	0	9	1	5	8	45
19	Kanyakumari	1	1	0	0	0	1	1	1	4	6	0	0	0	0	0	0	8	2	6	6	37
20	Nagapattinam	2	2	2	1	1	2	2	1	4	5	1	2	1	0	1	1	12	1	4	7	52
21	Thanjavur	2	0	2	0	1	2	2	1	3	10	0	2	0	0	0	0	12	1	6	10	54
22	Villupuram	6	3	3	0	2	2	4	2	6	8	0	0	0	0	0	0	8	4	7	7	62
23	Karur	1	0	1	0	1	1	1	1	3	4	0	1	0	0	0	0	3	1	3	3	24
24	Perambalur	2	1	1	0	1	1	1	3	4	3	0	1	0	0	0	0	5	3	3	4	33
25	Tiruvellore	3	1	2	0	0	2	1	2	3	7	0	1	0	0	0	0	8	2	4	6	42
26	Thiruvarur	2	2	2	0	1	1	1	3	4	8	1	2	1	0	0	0	6	1	4	7	46
27	Theni	1	1	1	0	0	1	1	2	6	7	0	1	0	1	0	0	6	1	5	5	39
28	Namakkal	3	0	2	0	1	1	3	0	4	8	1	1	0	0	0	0	8	1	5	2	40
29	Krishnagiri	2	1	2	0	1	2	2	1	3	0	0	0	0	0	0	0	0	2	1	0	17
	<b>State Total</b>	<b>81</b>	<b>43</b>	<b>53</b>	<b>4</b>	<b>27</b>	<b>45</b>	<b>60</b>	<b>41</b>	<b>144</b>	<b>212</b>	<b>12</b>	<b>37</b>	<b>8</b>	<b>6</b>	<b>10</b>	<b>6</b>	<b>235</b>	<b>61</b>	<b>165</b>	<b>190</b>	<b>1423</b>

### CHAPTER - 3 PRIMARY HEALTH CENTRES

The administration of Primary Health Centres has been brought under the control of the Director of Public Health and Preventive Medicine from the 1st March, 1996.

#### Details of Primary Health Centres sanctioned and functioning:

1.1	Number of Primary Health Centres functioning at the end of VI Five Year Plan i.e. 1984- 85.	436
1.2	Number of Primary Health Centres sanctioned during 1985 - 86:	
	a) By Converting Rural Dispensaries as Additional Primary Health Centres	195
	b) New Additional Primary Health Centres sanctioned	20
1.3	Number of Primary Health Centres sanctioned during 1986-87 :	
	a) By conversion of Non - Taluk Hospital as Community Health Centres (Upgraded Primary Health Centres) :	41
	b) Newly sanctioned Additional Primary Health Centres	5
	c) Newly sanctioned Primary Health Centre (Tribal) Nammiampattu	1
1.4	New Primary Health Centres established in 1987-88 (Additional)	140
1.5	Number of Primary Health Centres (Additional) sanctioned during 1988-89 (* ) By wounding up of Mobile Health Unit in the PHCs and creation of Primary Health Centres.	(* )274
1.6	Number of New Additional Primary Health Centres sanctioned during 1988-89.	110
1.7	Number of New Additional Primary Health Centres during 1989-90 a) New Primary Health Centres : 123 b) Conversion of Panchayat Union Dispensaries : 41	164
1.8	Number of New Additional Primary Health Centres during 1990-91 (Conversion of Panchayat Union Dispensaries)	43
1.9	Number of New Additional Primary Health Centre sanctioned during 1991-92 (Perugonapalli in Dharmapuri District).	1
	Total	1430
	14 PHCs have been upgraded as Taluk Hospitals	(-) 14
	Total	1416
1.10	No. of PHCs sanctioned during 1993-94	1
1.11	No. of PHCs sanctioned during 1995-96	1
1.12	No. of PHCs sanctioned during 1996-97 a) New Primary Health Centre : 1 b) Conversion of Panchayat Union Dispensaries: 2	3
	Total	1421
1.13	PHC Sankarapuram made as Taluk Hospital	(-) 1
	Total	1420
1.14	Conversion of Panchayat Union Dispensaries	11
	Total	1431
1.15	23 PHCs have been upgraded as Taluk Hospital	(-) 23
	Total	1408
1.16	No. of PHCs Sanctioned during 1998-99	6
	Total	1414
1.17	5 PHCs have been upgraded as Taluk hospitals/ Non-Taluk Hospitals	(-) 5
	Total	1409
1.18	No. of PHC's upgraded as Taluk Hospitals	(-) 12
	Total	1397
1.19	No. of PHC's sanctioned during 99-2000	2
	TOTAL	1399
1.20	No. of PHCs sanctioned during 2000-2001	12
1.21	Upgradation of PHC Kurinjipadi, Cuddalore Dist. As Non Taluk Hospital	(-) 1
	TOTAL	1410

1.22	No. of PHC sanctioned during 2001-2002	1
	TOTAL	1411
1.23	No. of PHCs sanctioned during 2003-2004	2
	TOTAL	1413
1.24	No. of PHCs sanctioned during 2004-2005	2
	TOTAL	1415
1.25	No. of PHCs sanctioned during 2005-2006	2
	TOTAL	1417

**Community Health Centres / Upgraded Primary Health Centres sanctioned and established:**

**Community Health Centres**

No. of Community Health Centres functioning at present 33

**Upgraded Primary Health Centres:-**

No. of PHCs Upgraded prior to 2001	24
No. of PHCs upgraded during 2001-2002	21
No. of PHCs upgraded during 2002-2003	37
No. of PHCs upgraded during 2003-2004	35
No. of PHCs upgraded during 2004-2005	12
No. of PHCs upgraded during 2005-2006	1
Total	130

**Existing staff pattern for Main Block Primary Health Centres:**

1.	Medical Officer	2
2.	Pharmacist	1
3.	Auxiliary Nurse Midwife	1
4.	Male Nursing Assistant	1
5.	Junior Assistant	1
6.	Driver	1
7.	Cook-cum -Waterman	1
8.	Sweeper	1
9.	Lab. Assistant	1

**Additional Staff for Upgraded Primary Health Centres:**

1.	Medical Officer - Civil Surgeon	1
2.	Medical Officer - (PG Qualified Civil Assistant Surgeon)	1
3.	Staff Nurse	2
4.	Pharmacist	1
5.	Male Nursing Assistant	1
6.	Female Nursing Assistant	1
7.	Sweeper	1
8.	Radiographer	1
9.	Dark Room Assistant	1
10.	Laboratory Technician Grade-II	1

**Primary Health Centres Building Facilities:**

1	Total No. of Primary Health Centres	1417
2	Primary Health Centres Functioning in Government buildings	1371
3	Primary Health Centres under construction at various stages	9
4	In Private/Panchayat Union Buildings	37
	Total	1417
	Availability of quarters	406

**National Scheme for the Prevention of Visual Impairment and Control of Blindness:**

This scheme is being implemented in Primary Health Centres. The main objectives of the programme are as follows:-

a.	To render treatment for minor eye ailments
b.	To prescribe glasses for the correction of refractive errors
c.	To educate the school children and the rural masses on eye care and prevention of the common causes of blindness.
d.	To conduct Mini eye camps at Main PHCs wherever Operation Theatres are available.
e.	To any other works relating to eye care.

384 posts of Ophthalmic Assistants have been sanctioned at the rate of one for each Primary Health Centre in the Block.

**Construction of Health Sub Centres under NABARD & PMGY**

1) Construction of 100 HSCs under PMGY scheme During the year 2000-2001,	100
2) Construction of 100 HSCs availing NABARD loan Under RIDF VII during the year 2002-2003	100
3) Construction of 100 HSCs availing NABARD Loan under RIDF VII during the year 2002-2003 .	100
4) Construction of 100 HSCs availing NABARD loan under RIDF VII during the year 2002-2003.	98
5) Construction of 5 HSCs under PMGY scheme during the Year 2003-3004 Availability of quarters	5
Total Construction of HSC	----- 403 -----

Out of 403 Health Sub Centres, the works has been completed in 392 Health Sub-Centres by Public Works Department Authorities.

INPATIENTS AND OUT PATIENTS  
TREATED DURING APRIL 2005 TO MARCH 2006

Sl.No.	DISTRICT	Total OP	OP per Day	Total IP	IP per Month
1	Coimbatore	2918742	119.23	22141	27.13
2	Cuddalore	2992743	166.26	18268	30.45
3	Dharmapuri	2907444	116.62	33743	40.61
4	Dindigul	2424661	137.45	12791	21.75
5	Erode	2854272	120.13	15880	20.05
6	Kancheepuram	2125696	123.01	11324	19.66
7	Kanyakumari	1311053	117.48	5379	14.46
8	Karur	1379760	132.16	9802	28.17
9	Madurai	2300057	152.12	16597	32.93
10	Nagapattinam	1722466	111.27	8314	16.11
11	Namakkal	1884729	111.39	7886	13.98
12	Perambalur	1875625	108.54	14764	25.63
13	Pudukottai	2121142	113.31	10947	17.54
14	Ramanathapuram	1529081	92.34	10802	19.57
15	Salem	3648601	144.79	12143	14.46
16	Sivaganga	1612360	101.79	9066	17.17
17	Thanjavur	3386242	162.18	14379	20.66
18	The Nilgiris	526465	52.23	2531	7.53
19	Theni	1618263	171.24	15617	49.58
20	Thiruvallur	1922940	130.28	8783	17.85
21	Thiruvarur	1833008	130.56	18161	38.81
22	Thoothukudi	1860077	109.93	10518	18.65
23	Thiruchirapalli	2226451	126.22	14075	23.94
24	Thirunelveli	3138305	140.61	15200	20.43
25	Thiruvannamalai	2590792	89.96	16609	17.30
26	Vellore	3143049	130.31	23947	29.78
27	Virudhunagar	1779183	137.28	6081	14.08
28	Villupuram	3233822	112.29	17075	17.79
	Total	62867029	123.41	382823	22.55

### Objective Classification (PHC Wing)

(Rupees in lakhs)

Head of Account	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-06			
	Non-Plan	Plan	C.S.S	Total	Non-Plan	Plan	C.S.S	Total	Non-Plan	Plan	C.S.S	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<b>01. Salaries</b>												
01. Pay	6367.96	1621.86	128.65	<b>8118.47</b>	6797.53	1675.46	133.04	<b>8606.03</b>	5887.40	1552.14	125.91	<b>7565.45</b>
02. Medl. Allowance	55.62	11.97	1.07	<b>68.66</b>	56.73	12.54	1.04	<b>70.31</b>	54.27	10.94	1.04	<b>66.25</b>
03. Medical Charges	0.26	0.07	0.00	<b>0.33</b>	0.30	0.22	0.00	<b>0.52</b>	0.20	0.14	0.00	<b>0.34</b>
04. Other Allowances	186.17	42.52	0.65	<b>229.34</b>	212.24	54.10	0.49	<b>266.83</b>	189.12	44.92	0.68	<b>234.72</b>
05. Interim Relief	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>
06. H.R.A.	290.08	73.35	5.32	<b>368.75</b>	298.32	82.58	5.53	<b>386.43</b>	279.21	69.60	5.50	<b>354.31</b>
07. Travel Concession	10.20	0.59	0.14	<b>10.93</b>	10.25	0.57	0.16	<b>10.98</b>	10.25	1.73	0.16	<b>12.14</b>
08. C.C.A.	17.69	5.78	0.40	<b>23.87</b>	18.29	5.96	0.42	<b>24.67</b>	18.58	5.54	0.42	<b>24.54</b>
<b>02. Wages</b>	0.69	0.00	0.00	<b>0.69</b>	1.50	0.00	0.00	<b>1.50</b>	0.25	0.00	0.00	<b>0.25</b>
<b>03. Dearness Allowance</b>	3605.66	862.75	71.30	<b>4539.71</b>	4758.27	1171.21	93.12	<b>6022.60</b>	4003.43	1048.38	85.62	<b>5137.43</b>
<b>04. Travelling Expenses</b>												
01. Tour T.A.	100.86	78.72	5.76	<b>185.34</b>	102.29	76.13	6.22	<b>184.64</b>	102.80	76.77	5.70	<b>185.27</b>
02. Transfer T.A.	0.55	0.21	0.02	<b>0.78</b>	1.62	0.39	0.09	<b>2.10</b>	0.65	0.30	0.06	<b>1.01</b>
03. F.T.A.	4.98	1.00	0.00	<b>5.98</b>	7.10	3.48	0.00	<b>10.58</b>	9.02	0.98	0.00	<b>10.00</b>
<b>05. Office Expenses</b>												
01. Telephone Charges	0.76	13.20	0.00	<b>13.96</b>	1.16	16.15	0.00	<b>17.31</b>	1.16	16.15	0.00	<b>17.31</b>
02. Other Contingencies	56.03	10.59	0.07	<b>66.69</b>	55.62	10.58	0.02	<b>66.22</b>	55.83	10.85	0.00	<b>66.68</b>
03. Electric Charges	170.15	9.40	0.00	<b>179.55</b>	150.00	13.42	0.00	<b>163.42</b>	165.08	22.09	0.00	<b>187.17</b>
<b>0600 Rent Rate Taxes</b>												
<b>01 Rent</b>	1.13	0.00	0.00	<b>1.13</b>	1.00	0.00	0.00	<b>1.00</b>	1.00	0.06	0.00	<b>1.06</b>
<b>02 Property Tax</b>	0.44	0.00	0.00	<b>0.44</b>	0.50	0.00	0.00	<b>0.50</b>	0.50	0.04	0.00	<b>0.54</b>
<b>03 Water Charges</b>	0.38	0.00	0.00	<b>0.38</b>	0.60	0.00	0.00	<b>0.60</b>	1.11	0.02	0.00	<b>1.13</b>
<b>07 00 Publication</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>
<b>08. Advertisement &amp; Pub</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>
<b>09. Grant-In-Aid</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>

**1900 Machinery & Equipments**

<b>01. Purchase</b>	0.00	2.27	0.00	<b>2.27</b>	0.00	13.20	0.00	<b>13.20</b>	0.00	22.23	0.00	<b>22.23</b>
<b>03 Maintenance</b>	0.30	1.12	0.00	<b>1.42</b>	0.10	3.00	0.00	<b>3.10</b>	0.10	3.79	0.00	<b>3.89</b>
<b>21. Motor Vehicle</b>												
<b>01. Purchase</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	8.98	0.00	<b>8.98</b>
<b>02. Maintenance</b>	6.63	4.28	0.00	<b>10.91</b>	8.56	5.78	0.00	<b>14.34</b>	8.64	7.75	0.00	<b>16.39</b>
<b>24. Materials and Supplies</b>	0.00	3.97	0.00	<b>3.97</b>	0.00	3.10	0.00	<b>3.10</b>	0.00	3.10	0.00	3.10
<b>25. 00 Interest</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00
<b>33. 01 Pleader fees</b>	0.13	0.00	0.00	<b>0.13</b>	0.15	0.00	0.00	<b>0.15</b>	0.15	0.00	0.00	0.15
<b>33. 02 Remuneration</b>	15.70	0.00	0.00	<b>15.70</b>	26.88	0.00	0.00	<b>26.88</b>	26.88	0.00	0.00	26.88
<b>33 04 Contract Payment</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	178.56	0.00	<b>178.56</b>	0.00	834.85	0.00	834.85
<b>42. Service or Commitment charge</b>	0.00	34.59	0.00	34.59	0.00	35.00	0.00	35.00	0.00	35.00	0.00	35.00
<b>45. P.O.L.</b>	59.17	34.79	0.00	<b>93.96</b>	80.48	53.04	0.00	<b>133.52</b>	84.15	103.57	0.00	187.72
<b>46. C.T.S.</b>	1.86	4.20	0.00	<b>6.06</b>	2.00	4.14	0.00	<b>6.14</b>	2.00	4.14	0.00	6.14
<b>47. S &amp; E</b>	1.14	14.58	0.00	<b>15.72</b>	1.85	27.55	0.00	<b>29.40</b>	1.85	27.55	0.00	29.40
<b>49. 01 FA Debit</b>	70.42	12.35	1.45	<b>84.22</b>	93.80	21.19	1.81	<b>116.80</b>	89.79	20.77	1.76	112.32
<b>02 FA Credit</b>	<b>-117.73</b>	<b>-26.51</b>	<b>-2.06</b>	<b>-146.30</b>	<b>-93.80</b>	<b>-21.19</b>	<b>-1.81</b>	<b>-116.80</b>	<b>-89.79</b>	<b>-20.77</b>	<b>-1.76</b>	<b>-112.32</b>
<b>51. Compensation</b>	0.13	0.00	0.00	<b>0.13</b>	0.01	0.00	0.00	<b>0.01</b>	0.01	0.00	0.00	0.01
<b>59. Prizes &amp; Awards</b>	0.57	0.00	0.00	<b>0.57</b>	1.00	0.02	0.00	<b>1.02</b>	0.66	0.12	0.00	0.78
<b>66. Medicines</b>	1862.58	22.00	0.00	<b>1884.58</b>	1596.33	34.29	0.01	<b>1630.63</b>	1960.98	125.73	0.01	2086.72
<b>67. F.D.C.</b>	9.19	0.16	0.00	<b>9.35</b>	10.98	0.20	0.00	<b>11.18</b>	10.98	0.20	0.00	11.18
<b>68. 00 Cost of Books</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	1.20	0.00	<b>1.20</b>	0.00	0.00	0.00	0.00
<b>71. Printing charges</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>72. Training</b>	0.00	2.90	0.00	<b>2.90</b>	0.50	3.45	0.00	<b>3.95</b>	0.50	16.16	0.00	16.66
<b>73. Transport Charges</b>	2.21	0.02	0.00	<b>2.23</b>	3.30	0.10	0.00	<b>3.40</b>	1.96	0.10	0.00	2.06
<b>76. 02 Computer &amp; Accesories</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	<b>0.00</b>	0.00	0.00	0.00	0.00
<b>Total</b>	<b>13585.10</b>	<b>2842.73</b>	<b>212.77</b>	<b>16640.60</b>	<b>15158.95</b>	<b>3485.42</b>	<b>240.14</b>	<b>18884.51</b>	<b>12878.72</b>	<b>4053.92</b>	<b>255.10</b>	<b>17157.74</b>

## **Chapter-4**

### **PUBLIC HEALTH AND PREVENTIVE MEDICINE**

The Directorate of Public Health is one of the oldest Departments formed as early as 1923 for the improvement of the general health conditions of the people with special emphasis on providing maternity and child health care to the rural and urban poor and for prevention and control of communicable diseases.

In 1966, the Department of Health Services and Family Planning was formed by merging the Directorate of Medical Services (after separating the Medical Education from Medical Services) and the Directorate of Public Health. In 1976, the integrated Department was again bifurcated into the Department of Public Health and Preventive Medicine and the Department of Medical Services and Family Welfare. The Drugs Control Administration which continued under this Department was separated in November 1981 to form an independent Department. In February, 1980, the functions relating to the static component of Primary Health Centre, the mobile health teams were separated from Public Health Department and a new Department called Directorate of Primary Health Centres was formed. Again the department of Primary Health Centre was brought under the control of Directorate of Public Health and Preventive Medicine in March 1996. The State Health Transport Department was formed by separating the same from Public Health and Preventive Medicine Department.

During 1988, a separate Directorate of Public Health Training and Continuing Education was formed to oversee pre-service and in-service training programmes for the Multi-purpose Health Workers-male and female and short term in-service training programme for Medical Officers, Health Professionals and Para Medical Professionals. This Directorate was again merged with the Directorate of Public Health and Preventive medicine in March, 1991.

As per the re-organization of the Department during 1980-81, there were seven regions, each headed by a Regional Deputy Director of Public Health and Preventive Medicine with jurisdiction over two or three Revenue Districts. There were 29 Health Unit Districts. Each Health Unit District was headed by a District Health Officer with jurisdiction over 30 to 40 Primary Health Centres on an average. Now there are 42 HUDs for the 30 Revenue districts.

Government have re-organised the Department during 1990 and under this set up 42 Health Unit Districts have been formed. Each Health Unit District is functioning under a Deputy Director of Health Services who are overseeing Public Health and Family welfare Programme activities.

**Statement Showing the Financial Requirements for Public Health Schemes - OBJECTIVE CLASSIFICATION**

(Rs. in lakhs)

Objects	Actual 2004-2005				Budget Estimate 2005-2006			
	Non-Plan	Plan	Centrally Sponsored	Total	Non-Plan	Plan	Centrally Sponsored	Total
01 Salaries	10237.73	4678.81	7529.27	22445.81	10645.41	4978.42	7666.89	23290.72
02 Wages	0.86	0.00	0.00	0.86	1.90	1.10	0.01	3.01
03 Dearness Allowance	5348.77	2408.18	4037.42	11794.37	6835.01	3216.66	5004.09	15055.76
04 Travel Expenses	216.37	251.39	329.74	797.50	232.82	260.99	335.52	829.33
05 Office Expenses	299.42	186.69	178.85	664.96	289.84	139.30	190.18	619.32
06 Rent, Rates and Taxes	7.89	4.85	102.58	115.32	8.50	45.22	104.00	157.72
07 Publications	0.00	2.00	0.00	2.00	0.00	2.00	0.00	2.00
08 Advertising & Publicity	0.87	37.25	44.59	82.71	2.85	58.12	0.01	60.98
09 Grants-in-Aid	7.69	0.00	14.77	22.46	12.32	0.01	10.00	22.33
11 Subsidies	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01
12 Scholarship and Stipend	0.36	0.00	4.34	4.70	0.37	0.00	18.5	18.87
16 Major Works	0.00	561.40	0.00	561.40	0.00	3014.60	0.00	3014.60
17 Minor Works	0.67	0.00	0.00	0.67	0.67	0.00	0.00	0.67
18 Maintenance	1024.45	0.25	0.00	1024.70	1228.17	0.00	0.00	1228.17
19 Machinery & Equipment	3.32	449.76	0.00	453.08	4.27	168.56	0.01	172.84
21 Motor Vehicles	8.37	190.79	1.72	200.88	12.00	9.65	2.14	23.79
24 Materials & Supplies	6.29	233.60	28.46	268.35	6.35	271.42	24.00	301.77

25 Interest	1.93	0.00	0.00	1.93	0.00	0.00	0.00	0.00
33 PPSS	16.94	2.37	124.43	143.74	28.41	186.39	121.28	336.08
34 Other Charges	0.02	0.00	0.00	0.02	0.09	0.00	0.00	0.09
42 Service & Commitment	0.00	34.59	0.00	34.59	0.00	35.00	0.00	35.00
45 P.O.L.	104.93	136.03	32.81	273.77	137.57	165.92	26.42	329.91
46 Clothing, Tentage and Stores	2.17	4.20	0.07	6.44	2.19	4.14	0.02	6.35
47 Stores & Equipment	1.38	229.26	42.78	273.42	2.09	46.49	42.79	91.37
49 FA Debit	101.53	43.01	98.02	242.56	132.40	62.50	102.16	297.06
49 FA Credit	-170.98	-132.80	-141.43	-445.21	-132.40	-62.50	-102.16	-297.06
51 Compensation Claims	0.13	0.00	0.00	0.13	0.01	0.00	0.00	0.01
59 Prizes & Awards	0.84	0.23	0.09	1.16	1.50	0.58	0.21	2.29
66 Medicines	2291.70	654.54	173.68	3119.92	1924.99	990.85	173.65	3089.49
67 Feeding Diet Charges	9.19	0.16	0.00	9.35	11.00	0.20	0.00	11.20
68 Costof Books	1.08	0.00	0.00	1.08	1.60	1.20	0.00	2.80
71 Printing Charges	45.79	0.00	0.00	45.79	46.00	0.02	0.10	46.12
72 Training	14.41	88.93	77.21	180.55	16.34	13.63	0.02	29.99
73 Transport Charges	2.61	0.02	0.38	3.01	4.38	1.76	0.60	6.74
76 Computer Maintenance	1.10	7.19	0.00	8.29	2.30	0.67	0.00	2.97
Total	19587.83	10072.70	12679.78	42340.31	21458.95	13612.91	13720.44	48792.30

**Statement showing the Financial Requirements for Public Health Schemes - OBJECTIVE CLASSIFICATION**

(Rs. in lakhs)

Subjects	Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S	Total
01 Salaries	9671.95	4194.00	7545.33	21411.28
02 Wages	0.65	1.10	0.03	1.78
03 Dearness Allowance	6010.04	2638.32	4773.87	13422.23
04 Travel Expenses	229.33	247.03	336.29	812.65
05 Office Expenses	305.88	76.14	348.65	730.67
06 Rent, Rates and Taxes	9.38	45.88	134.79	190.05
07 Books & Publications	0.00	2.00	0.00	2.00
08 Advertising & Publicity	2.50	25.02	0.01	27.53
09 Grants-in-Aid	13.19	0.00	29.65	42.84
11 Subsidies	0.00	0.01	0.00	0.01
12 Scholarship and Stipend	0.37	0.00	3.30	3.67
16 Major Works	0.00	244.69	0.00	244.69
17 Minor Works	0.67	0.00	0.00	0.67
18 Maintenance	1578.17	0.00	0.00	1578.17
19 Machinery & Equipment	4.55	168.56	0.01	173.12
21 Motor Vehicles	12.00	20.74	2.14	34.88
24 Materials & Supplies	6.35	271.42	22.41	300.18
25 Interest	0.00	0.00	0.00	0.00

33 PPSS	28.66	873.10	100.63	1002.39
34 Other Charges	0.12	0.00	0.00	0.12
42 Service & Commitment Charges	0.00	35.00	0.00	35.00
45 P.O.L.	160.75	159.56	51.19	371.50
46 Clothing, Tentage and Stores	2.19	4.14	0.01	6.34
47 Stores & Equipment	2.09	27.55	42.79	72.43
51 Compensation	0.01	0.00	0.00	0.01
59 Prizes & Awards	1.32	0.69	0.21	2.22
66 Medicines	2290.00	141.75	173.69	2605.44
67 Feeding/Diet Charges	11.00	0.20	0.00	11.20
68 Cost of Books	1.60	1.20	0.00	2.80
71 Printing Charges	46.00	0.02	0.10	46.12
72 Training	16.33	21.73	0.02	38.08
73 Transport Charges	2.80	1.76	0.60	5.16
76 Computer & Maintenance	2.30	0.67	1.00	3.97
<b>Total</b>	20410.20	9202.28	13566.72	43179.20

**STATEMENT SHOWING THE FINANCIAL REQUIREMENT OF PUBLIC HEALTH SCHEMES**

(Rupees in lakhs)

Schemes	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
Direction and Administration	258.91	6.53	938.55	1203.99	283.11	0.81	1030.82	1314.74	301.08	1.06	1024.89	1327.03
School Health Programme	564.36	16.27	0.00	580.63	602.79	0.00	0.00	602.79	577.07	31.42	0.00	608.49
Tribal Sub Plan	0.00	8.18	55.06	63.24	0.00	10.82	60.96	71.78	0.00	12.18	53.76	65.94
Health Sub Centres	0.00	89.98	11124.74	11214.72	0.00	170.02	12150.07	12320.09	0.00	170.02	12033.00	12203.02
Prevention and Control of Diseases	4174.10	6507.25	32.19	10713.54	4296.30	6815.25	47.04	11158.59	4265.76	4626.82	45.50	8938.08
Prevention of Food Adulteration	235.66	1.50	0.00	237.16	263.23	4.50	0.00	267.73	216.34	2.51	0.00	218.85
Prevention of Air and Water Pollution	110.27	8.81	0.00	119.08	120.43	9.19	0.00	129.62	131.97	12.56	0.00	144.53
Health Statistics and Evaluation	161.11	0.00	0.00	161.11	153.83	0.00	0.00	153.83	173.16	0.00	0.00	173.16
Health Education and Publicity	90.59	6.76	0.00	97.35	107.45	8.67	0.00	116.12	100.39	7.57	0.00	107.96
Training	175.65	85.03	164.35	425.03	198.18	98.51	191.41	488.10	188.15	32.43	182.32	402.90
<b>Total</b>	<b>5770.65</b>	<b>6730.31</b>	<b>12314.89</b>	<b>24815.85</b>	<b>6025.32</b>	<b>7117.77</b>	<b>13480.30</b>	<b>26623.39</b>	<b>5953.92</b>	<b>4896.57</b>	<b>13339.47</b>	<b>24189.96</b>

**DIRECTION AND ADMINISTRATION**

(Rupees in lakhs)

Schemes	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-06-001 AA Head Quarters Administration	186.35	0.00	0.00	186.35	200.83	0.00	0.00	200.83	207.50	0.00	0.00	207.50
2210-06-001 AG Directorate of Training & CE	72.56	0.00	0.00	72.56	82.28	0.00	0.00	82.28	93.58	0.00	0.00	93.58
2210-06-001 JA Head Quarters Administration	0.00	6.53	0.00	6.53	0.00	0.81	0.00	0.81	0.00	1.06	0.00	1.06
2211-00-001 SF Direction & Administration Under CSSM & Sub Centres	0.00	0.00	938.55	938.55	0.00	0.00	1030.82	1030.82	0.00	0.00	1024.89	1024.89
<b>Total</b>	258.91	6.53	938.55	1203.99	283.11	0.81	1030.82	1314.74	301.08	1.06	1024.89	1327.03

### STAFF POSITION DETAILS

Sl.No.	Nam of Post	Permanent	Temporary	Total
01	Director	1	-	1
02	Additional Director	-	4	4
03	Joint Director (Medical)	1	8	9
04	Joint Director (Administration)	-	1	1
05	Joint Director (Statistics)	-	1	1
06	Deputy Director (Medical)	-	68	68
07	Government Analyst	1	-	1
08	Chief Water Analyst	1	1	2
09	Financial Advisor and Chief Accounts Officer	1	-	1
10	Personnel Officer	-	1	1
11	Senior Civil Surgeon	5	301	306
12	Deputy Director (Administration)	-	2	2
13	Public Analyst	4	1	5
14	Chief Entomologist / Reader in Public Health Entomologist	1	2	3
15	Deputy Director (Statistics)	-	2	2
16	Research Analyst	1	-	1
17	Civil Surgeon	-	86	86
18	Health Officer / Filaria Officer	83	8	91
19	Deputy Government Analyst	1	-	1
20	Deputy Chief Water Analyst	-	1	1
21	Medical Lecturer cum Demonstrator	-	1	1
22	Legal Advisor	-	1	1
23	Senior Assistant Surgeon	75	915	990
24	Assistant Water Analyst	10	3	13
25	Administrative Officer	3	44	47
26	Senior Analyst	14	3	17
27	Toxicologist	-	1	1
28	Senior Entomologist	47	20	67
29	Assistant Superintendent	1	-	1
30	Health Educator Instructor	-	2	2
31	Health Educator Training Officer	1	-	1
32	Lecturer in Health Visiting	1	-	1
33	Medical Officer (CNB)	-	1	1
34	Medical Officer (MCH)	1	2	3
35	Principal Nursing Officer	-	5	5
36	Senior Teacher	1	-	1
37	Social Psychologist	1	-	1
38	Social Science Instructor	-	2	2
39	Technical Assistant Director	1	-	1
40	Technical Officer	1	-	1
41	Assistant Director (Statistics)	-	31	31
42	Research AIDE	1	-	1
43	Statistical Officer	-	4	4
44	Bio-Chemist	1	1	2

45	Cold Chain Officer	-	1	1
46	Micro Biologist	1	2	3
47	Accounts Officer	1	1	2
48	Assistant Director	1	-	1
49	Assistant Public Prosecutor	-	7	7
50	Public Health Engineer	4	-	4
51	Assistant Surgeon	-	1529	1529
52	Veterinary Assistant Surgeon	-	1	1
53	Assistant Accounts Officer	1	-	1
54	Junior Analyst	28	6	34
55	Junior Water Analyst	15	6	21
56	Entomological Assistant	9	70	79
57	Health Education Officer	-	2	2
58	Health Educator (Non Medical)	2	-	2
59	Health Educator (Leprosy)	-	88	88
60	Nursing Tutor Grade I	-	7	7
61	Public Health Nurse	16	93	109
62	Health Educator (Sanitarian)	1	-	1
63	Public Health Nurse Instructor	1	-	1
64	Personal Assistant to DD	14	67	81
65	Librarian Grade I	1	-	1
66	Dietician	1	-	1
67	Accountant	6	-	6
68	Superintendent	74	219	293
69	Top Senior Foreman	1	-	1
70	Block Health Supervisor	-	384	384
71	Community Health Nurse	-	384	384
72	Machine Supervisor	3	-	3
73	Statistical Assistant	4	39	43
74	Warden	-	5	5
75	Exhibition Assistant	-	1	1
76	Technical Assistant	-	1	1
77	Non Medical Supervisor	14	396	410
78	Sector Health Nurse	-	1610	1610
79	Artist Grade I	2	-	2
80	Domestic Science Teacher	1	1	2
81	Film Librarian cum projectionist	1	-	1
82	Home Science Assistant	1	-	1
83	Photographer	1	-	1
84	Staff Nurse	-	197	197
85	Health Inspector Grade I	-	3307	3307
86	Media Assistant	-	10	10
87	Laboratory Technician Grade I	22	9	31
88	Chemical Assistant	1	-	1
89	Junior Drafting Officer	2	-	2
90	Overseer	1	-	1
91	Film strip Project Assistant	1	-	1
92	Ophthalmic Assistant	-	384	384
93	Pharmacist	101	1333	1434

94	Radiographer	-	11	11
95	Mass Interviewer	3	-	3
96	Health Inspector Grade IB	244	1753	1997
97	Laboratory Technician (EU)	1	-	1
98	Laboratory Technician (Nut)	1	-	1
99	Computer	4	7	11
100	Input/Output Assistant	-	28	28
101	Punch Operator	4	-	4
102	Statistical Compiler	1	-	1
103	Audio Visual Operator	-	5	5
104	Cold Room Operator	-	2	2
105	Computer Operator	-	1	1
106	Computer cum Vaccine Store Keeper	-	30	30
107	Craftsman	1	-	1
108	Draughtsman	1	-	1
109	Electrician Grade I	-	5	5
110	Refrigeration Mechanic	-	31	31
111	Assistant	159	807	966
112	Cinema Operator	3	-	3
113	Steno Typist Grade III	32	14	46
114	Offset Machine Operator	1	-	1
115	Health Inspector Grade II	-	686	686
116	Village Health Nurse	-	10562	10562
117	Technician Filaria	2	2	4
118	Data Entry Assistant	-	1	1
119	Driver	411	586	997
120	Junior Assistant	137	495	632
121	Record Assistant	12	-	12
122	Telephone Operator	-	3	3
123	Typist	56	116	172
124	Laboratory Assistant	460	767	1227
125	Laboratory Assistant (N)	3	-	3
126	Laboratory Technician Grade II	19	13	32
127	Technician (Laboratory Assistant)	1	-	1
128	Laboratory Technician	-	1	1
129	Compositor cum Imposer	1	-	1
130	Binder	1	-	1
131	Junior Machine Minder	2	-	2
132	Algae Collector	-	1	1
133	Electrician	5	-	5
134	House Keeper	1	2	3
135	Artist Grade III	1-	-	1
136	Camerman Grade III	1	-	1
137	Dark Room Assistant	-	28	28
138	Audio Visual Assistant	1	-	1
139	Bore well Mechanic	-	1	1
140	Carpenter	1	-	1

141	Filed Assistant	54	150	204
142	Fitter	2	-	2
143	Mason Maistry	22	-	22
144	Wireman	1	-	1
145	Lab Attendant (N)	2	-	2
146	Lab Attendant (Research)	2	-	2
147	Lab Attendant Grade IV	3	-	3
148	Plague Overseer	-	1	1
149	Duplication Technician	1	-	1
150	Public Health Maistry	3	1	4
151	Record Clerk	21	42	63
152	Laboratory Peon	13	-	13
153	Bottle Washer	2	-	2
154	Animal House Attendant	-	1	1
155	Attendant to Walk in Cooler	-	5	5
156	Chowkidar cum Mali	-	1	1
157	Cleaner	5	-	5
158	Cook	3	-	3
159	Gardner	2	1	3
160	Helper to Assistant Puppetor	-	1	1
161	Masalchi	-	5	5
162	Packer	1	3	4
163	Plague Maistry	-	6	6
164	Pump House Operator	1	-	1
165	Refrigeration Attendant	-	3	3
166	Table Attendant	1	-	1
167	Table Boy	1	-	1
168	Superior Filed Worker	-	103	103
169	Filed Worker (Mazdoor)	445	908	1353
170	Officer Assistant	110	228	338
171	Sanitary Worker	137	400	537
172	Watchman Night	21	73	94
173	Ayah	-	1	1
174	Cook-cum -Waterman	163	328	491
175	Male Nursing Assistant	135	703	838
176	Sweeper	203	303	506
177	Van Cleaner	1	1	2
178	Female Nursing Assistant	68	171	239
179	Hospital Worker	74	841	915
180	Domestic Staff	12	-	12
	<b>Total</b>	<b>3670</b>	<b>31922</b>	<b>35592</b>

**SCHOOL HEALTH PROGRAMME**

(Rupees in lakhs)

Schemes	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-01-109 AA School Medical Inspection	264.36	0.00	0.00	264.36	302.79	0.00	0.00	302.79	277.07	0.00	0.00	277.07
2210-01-109 AB Supply of Drugs through TNMSC	300.00	0.00	0.00	300.00	300.00	0.00	0.00	300.00	300.00	0.00	0.00	300.00
2210-01-109 JA Modal Health	0.00	16.27	0.00	16.27	0.00	0.00	0.00	0.00	0.00	31.42	0.00	31.42
Total	564.36	16.27	0.00	580.63	602.79	0.00	0.00	602.79	577.07	31.42	0.00	608.49

## SCHOOL CHILDREN HEALTH CAMP PROGRAMME

The School Health Programme hitherto being implemented in the State has been revamped and implemented to provide comprehensive health care services to all students studying in Government and Government aided schools from first to twelfth standards.

The Medical Officers of Primary health centers and the paramedical staff constitute school Medical teams and visit the schools allotted to them on Thursdays on a pre determined definite programme under advance intimation to the school authorities. Each Medical team is allotted with 200 to 250 students to be covered in a visit. The team will provide health care checkup to the students thrice a year.

Childhood diseases that affect education and development lead to serious illness causing handicaps in the students are detected and treated with due care and love. Students who require specialised treatment are referred to higher medical institutions. The referred cases of students are treated in the referral centres in a special counter. All Thursdays are observed as "**school health days**". All Saturdays are observed as "**referral days**". Two teachers in each school are identified to co-ordinate and assist in the effective implementation of the scheme. The students studying in higher classes are identified to work as "**Health Guides**". These students will also identify the students with health problems and bring to the notice of the Teachers, Doctors and the visiting Para medical teams.

School health cards have been printed and supplied. These health cards will be issued to the students with Transfer Certificate when they leave the school. Health appraisal register, Referral registers and Drug stock registers are printed and supplied for recording different health status and morbid conditions. Medicines worth Rs.300 lakhs have been arranged to be supplied through TNMSC Ltd., for the Primary Health Centres, 40 SMI teams, other local bodies and for referral centres for treating the referred case of school children.

To facilitate easy mobility of school medical teams and transport of referred cases of students a sum of Rs.21.00 lakhs have been released for POL charges. IEC and other educative materials like portable exhibition panels flip books and posters carrying health message and visuals on good health habits and practices to strengthen Medicare services and to create awareness among paramedical staff, teachers and students are supplied.

During the year 2004- 2005, out of 40308-targeted schools, the visits of the Medical teams to the Schools are as follows:

VISIT	No. COVERED FOR SCHOOLS	No. COVERED FOR STUDENTS
I	37,324	69,10,400
II	20,042	38,57,757
III	4,564	9,83,034

Of these students 64,09,974 were treated for one or other health problems, 61,672 students were referred to higher Medical Institutions for further treatment.

For the year 2005-2006 up to March 2006, so far 93,07,920 students were examined. Of them 48,04,958 students were treated for one or other Health problems and 44,137 students were referred to Higher Medical Institutions for further treatment.

**Morbidity pattern of school children under School Children Health Camp programme is as follows:**

SL. No.	DISEASE	2004-2005 (%)	2005-2006 (%) (Provisional)
1	Dental Carries	11.74	10.12
2	Worm Infestation	10.75	10.26
3	A.R.I.	13.38	13.10
4	Anaemia	3.42	2.35
5	Vitamin – A Deficiency	1.80	2.15
6	Scabies	1.37	1.18
7	Defective Vision	0.19	0.15
8	Otitis Media	0.26	0.23
9	Leprosy	0.02	0.01
10	Defective Hearing	0.03	0.02
11	Rheumatic Heart Disease	0.04	0.03
12	T.B.	0.11	0.08
13	Goitre	0.02	0.02

**PREVENTION AND CONTROL OF DISEASES**

(Rupees in lakhs)

Schemes	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
Plague Control Measures	27.82	0.00	0.00	27.82	30.40	0.00	0.00	30.40	24.23	0.00	0.00	24.23
Epidemic Control Unit	156.39	0.00	0.00	156.39	62.20	0.00	0.00	62.20	66.93	0.00	0.00	66.93
Epidemiological Unit	19.37	0.00	0.00	19.37	13.40	0.00	0.00	13.40	12.80	0.00	0.00	12.80
Guineaworm Eradication Programme	2.83	0.00	0.00	2.83	2.05	0.00	0.00	2.05	2.06	0.00	0.00	2.06
Cholera Combat Team	16.71	0.00	0.00	16.71	19.24	0.00	0.00	19.24	18.52	0.00	0.00	18.52
Cholera Control Programme	0.00	33.04	0.00	33.04	0.00	20.99	0.00	20.99	0.00	21.70	0.00	21.70
Malaria Rural and Urban, Japanese Encephalitis and Lab.Asst.in PHCs	0.00	4292.20	0.00	4292.20	0.00	5142.33	0.00	5142.33	0.00	4027.31	0.00	4027.31
Filaria Control	327.97	355.83	0.00	683.80	372.94	405.15	0.00	778.09	339.60	382.86	0.00	722.46
Leprosy Control	3223.98	0.00	0.00	3223.98	3328.99	0.00	0.00	3328.99	3415.67	0.00	0.00	3415.67
Surveillance for Epidemic Preparedness	122.63	83.53	0.00	206.16	152.84	89.48	0.00	242.32	99.28	74.86	0.00	174.14
Institute of Vector Control and Zoonoses, Hosur	0.00	51.46	0.00	51.46	0.00	60.81	0.00	60.81	0.00	66.19	0.00	66.19
Immunization	266.67	21.28	31.24	319.19	295.74	19.10	42.81	357.65	271.65	20.06	43.91	335.62
Maternity and Child Health Services	5.88	0.00	0.00	5.88	13.75	0.00	0.00	13.75	12.07	0.00	0.00	12.07
Prevention and Control of Goitre	0.00	0.00	0.95	0.95	0.00	0.00	4.23	4.23	0.00	0.00	1.59	1.59
Care Assisted Feeding Programme	3.85	0.00	0.00	3.85	4.75	0.00	0.00	4.75	2.95	0.00	0.00	2.95
Mobile Health Care/ Specialty Camps	0.00	1647.71	0.00	1647.71	0.00	1042.20	0.00	1042.20	0.00	0.00	0.00	0.00
Leptospirosis	0.00	19.37	0.00	19.37	0.00	31.29	0.00	31.29	0.00	29.94	0.00	29.94
Dengue Control	0.00	2.83	0.00	2.83	0.00	3.90	0.00	3.90	0.00	3.90	0.00	3.90
<b>Total</b>	<b>4174.10</b>	<b>6507.25</b>	<b>32.19</b>	<b>10713.54</b>	<b>4296.30</b>	<b>6815.25</b>	<b>47.04</b>	<b>11158.59</b>	<b>4265.76</b>	<b>4626.82</b>	<b>45.50</b>	<b>8938.08</b>

## MALARIA - TAMIL NADU

In Tamil Nadu State, during last decade a total of 1.2 lakhs cases were recorded out of which 59.6% from the Urban areas (inclusive of Chennai city) and 40.4% in Rural areas. The coastal villages of Ramanathapuram, Paramakudi, Nagapattinam, Thoothukudi and the riverine villages of Dharmapuri, Krishnagiri, Tiruvannamalai and Villupuram were endemic for Malaria. Due to the intensive remedial measure carried out the incidence of malaria has declined to 3632 upto March 2006.

At present out of the total cases recorded in the State, 30.8% are from rural areas and 69.2% are contributed by urban areas among which 64.9% are occurring in Chennai city alone.

Out of the total Malaria cases reported in the State, 64.9% are occurring in Chennai city and another 4.3% in Tuticorin, Erode, Vellore, Dindigul, Salem, Tiruchengode, Tiruvallore and Tiruvottiyur.

### CONTROL STRATEGY:

- 1) Active surveillance – Fever surveillance to detect malaria cases is being carried-out by house-to-house visit by Health worker. Collection of blood smears from fever cases and giving treatment for those who are found positive for Malaria are being carried out.
- 2) Passive surveillance – Fever cases are detected in the primary health centers, hospitals, nursing homes, Fever Treatment Department etc., and radical treatment is given to the positive cases, with choloroquine and primaquine.
- 3) Two rounds of residual insecticidal spray during transmission period using synthetic pyrethroids in Malaria endemic villages after technical assessment of vector resistance to insecticide.
- 4) Anti-larval work in endemic areas.
- 5) Passive surveillance and anti-larval work in urban areas.
- 6) Creating awareness among the community for their participation.
- 7) Mass and contact Blood survey are being carried out to prevent the occurrence of Secondary cases in the low risk areas.
- 8) Establishment of Fever Treatment Depots in all endemic areas.
- 9) Introduction of Larvivorous fishes in urban areas such as Vellore, Thoothukudi and Ramanathapuram.
- 10) Training of Private clinicians, Lab Assistants, Volunteers to act as FTDs, Advocacy workshops for community leaders and elected representatives.
- 11) Private clinician's participation in the control of malaria is also enlisted.

### CASE INCIDENCE OF MALARIA IN TAMIL NADU

YEAR	CASES	DEATHS
2000	43053	0
2001	31551	0
2002	34523	0
2003	43604	0
2004	41693	0
2005	40948	1(Imported from Andhra Pradesh)
2006 (upto March'06)	3632	0

### JAPANESE ENCEPHALITIS CONTROL PROGRAMME

Japanese Encephalitis has emerged as an important Public Health Problem in the State during the last few years. Health unit Districts such as Perambalur, Kallakurichi, Villupuram,

Cuddalore, Thiruvannamalai and Madurai reports Japanese Encephalitis cases. Japanese Encephalitis control Unit at Cuddalore, Villupuram, Perambalur with the Monitoring Unit at Headquarters are carrying out Japanese Encephalitis Vector Control activities. Japanese Encephalitis immunization Programme has been carried out in selected villages in Perambalur District. It is to be extended to the other Districts also based on the conducive conditions prevailing for Japanese Encephalitis transmission and case occurrence. Japanese Encephalitis vector monitoring is being carried out regularly in the endemic districts. Fogging operation is being carried out in villages where suspected Japanese Encephalitis cases are reported. Serum samples are being sent to Central Research Medical Institute, Madurai and Institute of Vector Control and Zoonoses, Hosur for anti – body detection and to confirm the Japanese Encephalitis case Mosquito pools are sent for virus isolation so as to implement prevention and control measures.

#### **JAPANESE ENCEPHALITIS IN TAMIL NADU**

<b>YEAR</b>	<b>CASES</b>	<b>DEATH.</b>
2000	116	17
2001	119	18
2002	126	28
2003	163	36
2004	88	9
2005	48	7
2006 (upto March 06)	4	0

#### **NATIONAL FILARIA CONTROL PROGRAMME**

The National Filaria Control Programme is being implemented in Tamil Nadu since 1957. The filaria disease control activities are carried out in 43 urban areas. In these urban areas 25 Control Units, 44 Night Clinics and 42 Filaria and Malaria Clinics are functioning besides one filaria survey unit for delimitation of endemic areas after survey district by district. The scheme is financed by the Centre to the extent of 50% of the cost of larvicides, materials and equipments. The entire operation cost is met by the State. The programme is being implemented in the 12 endemic districts.

The Physical achievement last 10 years under this programme is furnished hereunder:

Year	No. of persons examined	No. positive for Mf.	Mf. Rate	No. of disease case	Disease Rate	Endemicity Rate
1996	1044444	4475	0.42	1397	0.13	0.56
1997	1131476	3597	0.31	1886	0.16	0.47
1998	1136072	2263	0.19	1715	0.15	0.34
1999	1031604	789	0.07	2030	0.20	0.27
2000	1033093	1338	0.12	1590	0.14	0.26
2001	1095717	1007	0.09	1041	0.09	0.18
2002	1155566	775	0.07	849	0.07	0.14
2003	1128494	415	0.04	251	0.02	0.06
2004	1107243	218	0.02	120	0.01	0.03
2005	1123415	234	0.03	217	0.02	0.04
2006 (upto March 06)	189177	20	0.01	13	0.01	0.02

## **SINGLE DOSE MASS DEC DRUG ADMINISTRATION PROGRAMME:**

Initially Mass Chemotherapy Programme was conducted during 1996 in Cuddalore District. Under this Programme DEC tablets were distributed to the people (except pregnant women and children below one year of age) Based on this success, the programme was launched on a large scale during the year 1997-98. The single dose Mass DEC Programme was conducted in 12 endemic districts viz., Cuddalore, Thanjavur, Tiruvannamalai, Vellore, Kancheepuram, Tiruvallur, Villupuram, Tiruvarur, Pudukottai, Nagapattinam, Tiruchirapalli and Kanyakumari. A total of 239.21 lakhs population were covered under this programme by administration of DEC tablets. The second round of single dose Mass DEC Programme was implemented during 1998-99 in the same endemic 12 Revenue Districts covering a population of 252.74 lakhs of administration of DEC tablets. The third round of Mass DEC programme was implemented in the same 12 endemic districts covering 250 lakhs population during 1999-2000 and fourth round was conducted in March, 2001 in the above districts covering 260 lakhs population.

During the fifth round, Government of Tamil Nadu came forward to launch this COMBI (Communication for Behavioral Impact), strategy of World Health Organisation, in all the thirteen endemic districts in order to improve the consumption level. The World Health Organisation came forward to assist Tamil Nadu only in the six districts where DEC and Albendazole are co-administered. During the sixth round in 2002 WHO provided Rs. 49.00 lakhs IEC materials, Rs.14.40 lakhs worth Albendazole tablets, for the six districts viz., Kancheepuram, Vellore, Tiruvannamalai, Thanjavur, Nagapattinam and Tiruvarur. The VII round of DEC MDA was conducted during September 2004. It is proposed to conduct VIII round of DEC MDA programmed in 13 Endemic Districts and Chennai Corporation covering a population 303 lakhs.

The year wise achievements of the MDA Programme is furnished below:

Year	Round	Target Population (in lakhs)	Population covered (in lakhs)	Coverage %	Mf. Rate
1997-98	I	260.00	227.816	92.74	0.881
1998-99	II	264.00	237.679	94.04	0.326
1999-2000	III	268.30	242.080	93.16	0.176
2000-01	IV	DEC 262 ALB 132	252 126	96.10 95.60	0.20
2001-02	V	DEC 128.5 ALB 134.7	123.7 127.4	89.20 89.60	0.10
2002-2003	VI	DEC 136.41 DEC+ALB 137.57	129.65 130.77	87.83 89.95	0.08
2003-04	VII	DEC+ALB 282	268	95	0.04

## **INSTITUTE OF VECTOR CONTROL AND ZONOSSES, HOSUR**

For Plague Surveillance activities, the Institute of Vector Control and Zoonoses, Hosur is made as Nodal agency. There exist a foci of sylvatic plague among rodents in wild animals in certain forest areas, thereby posing a threat for possible spread to human beings. Therefore surveillance system is organised to catch field rodents and examine the organs and serum of these rodents for the presence of plague bacilli/anti-body, which is indicative of sylvatic plague foci among animals.

The infrastructure available at this institute is also utilized to conduct various training programmes, workshops and seminars. The institute is conducting P.G. Diploma course in Public Health Entomology for 12 candidates in each batch every year, conduct pre-service and inservice training courses for Field Assistants /Lab. Assistants each year.

Arbovirus antigen production laboratory is established at this Institute to prepare antigen required for the diagnosis of Arbovirus diseases such as Japanese Encephalitis and Dengue.

#### **LEPTOSPIROSIS CONTROL PROGRAMME:**

During 2000-2001, Government have established seven leptospirosis clinics in the taluk and district headquarters hospitals of Madurai and Thiruvallur districts. For the early diagnosis, treatment and control measures, test kits have been procured and supplied to the above clinics and other districts reporting cases. The staff involved in the programme have been trained.

The incidence of leptospirosis in Tamil Nadu from 1995 to 2006 (upto March) are furnished below:

S.No	Year	Cases	Deaths
1.	1995	651	-
2.	1996	606	-
3.	1997	1455	6
4.	1998	3006	11
5.	1999	1004	10
6.	2000	1801	3
7.	2001	2196	3
8.	2002	1232	-
9	2003	3634	8
10	2004	3074	3
11	2005	3817	-
12	2006 (upto March 06)	357	0

#### **DENGUE CONTROL PROGRAMME:**

Government have issued orders for the establishment of 12 dengue clinics in the taluk and district head quarters hospitals of Nagercoil, Vellore, Dharmapuri and Coimbatore.

The case details of dengue fever in Tamil Nadu from 1995 to 2006(upto March) are furnished below:

S.No	Year	Cases	Deaths
1.	1995	549	6
2.	1996	491	16
3.	1997	264	21
4.	1998	128	5
5.	1999	135	2
6.	2000	81	1
7.	2001	816	8
8.	2002	376	2
9.	2003	1610	9
10.	2004	1035	-
11	2005	1138	8
12	2006 (upto March 06)	187	0

#### **Epidemic Control in Tamil Nadu:**

The Control of communicable disease is one of the major programmes under Public Health care services. Of all the diseases, Acute Diarrhoeal Diseases and suspected Cholera are occupying priority among water borne diseases. 54,225 water sources were chlorinated during 2005-06.

As the administration of ORS has been advocated by Government of India as a safe method of controlling dehydration, popularisation of the use of ORS is being done intensively through health education and the method of preparation of ORS solution is also demonstrated by the field public health staff to the community.

The details of cases and deaths due to Acute Diarrhoeal Diseases / Cholera and preventive measures taken in Tamil Nadu for the past five years:

Year	A.D.D.		Cholera	
	Cases	Deaths	Cases	Deaths
2000-2001	62405	172	1183	1
2001-2002	58733	160	1442	0
2002-2003	68528	187	1251	3
2003-2004	61846	63	414	1
2004-2005	79081	118	1469	2
2005-2006 (Provisional)	69214	56	756	2

#### **INDUSTRIAL HYGEINE AND HEALTH:**

The Water Analysis Laboratories established at Chennai and Coimbatore collect and examine water samples from various protected water sources to control pollution and contamination of drinking water. These laboratories also assist the Tamil Nadu Pollution Control Board in examining samples of industrial wastes and conduct field surveys to ensure the prevention and control of Environmental and Industrial Pollution.

Air pollution surveys are also carried out around the industries to assess air quality. During the year 2005-2006, 22998-water samples have been tested by these laboratories.

#### **National Iodine Deficiency Disorders Control Programme**

The National Iodine Deficiency Disorders Control Programme is implemented in Tamil Nadu State from 1991 and the State I.D.D Cell started functioning from 1.7.94 onwards. The objective of the programme is to identify the areas with Iodine Deficiency Disorders Control Programme and take control measures through dietary supplementation of iodised salt through IEC activities.

For the effective implementation of the programme the Co-ordinating officers of the Public Health, Education, Municipal Administration, Civil Supplies were covered under advocacy programme. The goitre surveys conducted in all Districts have shown that iodine deficiency disorders are prevalent in all the districts.

A notification under the PFA Act has been issued banning the sale of non-iodised salt for edible purpose. Spot testing of the salt samples are being done to access the presence of iodine and know the availability and use of iodised salt for creating awareness among the salt producers, wholesalers, retailers and general public on the use of Iodised salt.

Non-statutory salt samples are being lifted and sent to Food Analysis Laboratories for analysis to know the iodine content in salt. During the year 2005-2006 (upto March 2006) 1684 non-statutory samples were lifted and analysed in the Food Analysis Laboratories. The result shows 9% samples confirmed Nil Iodine, 20% confirmed less than 15ppm Iodine and 71% confirmed more than 15 ppm Iodine.

The Government have issued orders for sale of iodised salt through fair price shops by both Tamil Nadu Civil Supplies Corporation and Co-operatives in public distribution system at Rs.2.50 per kilo in pouches in all districts.

**GOITRE SURVEY:**

Details of Goitre field Survey conducted in 29 Districts in Tamil Nadu as below: -

Sl.No	District	Year	Total Examined	Goitre Cases	%
1	Ramnad	2001	28821	3328	11.5
2	The Nilgris	2004	35089	3447	9.8
3	Thiruvarur	2004	44142	3454	7.8
4	Salem	1999	46514	5802	12.5
5	Virudhunagar	2001	22369	1697	7.6
6	Villupuram	1999	44700	5376	12.0
7	Coimbatore	2001	33475	3401	10.2
8	Kanyakumari	1999	25243	2966	11.7
9	Dharmapuri	1999	65792	7576	11.5
10	Pudukottai	1998	24603	2741	11.1
11	Namakkal	1998	12789	1338	10.5
12	Nagapattinam	1998	14185	1471	10.4
13	Erode	1998	22342	2321	10.4
14	Perambalur	1999	25240	2636	10.4
15	Tuticorin	2001	29245	2010	6.9
16	Thanjavur	1998	16337	1659	10.2
17	Chennai	1996	25483	2567	10.1
18	Trichy	1999	33523	3362	10.0
19	Theni	1998	14549	1350	9.3
20	Tiruvannamalai	1999	48848	4563	9.3
21	Dindigul	1999	53719	4742	8.8
22	Vellore	1997	36331	3085	8.5
23	Kancheepuram	1997	21301	1680	7.9
24	Cuddalore	2000	45592	3547	7.8
25	Sivaganga	2003	22511	1435	6.4
26	Tiruvellore	2003	28528	1584	5.6
27	Tirunelveli	2004	26825	1700	6.3
28	Madurai	2000	42506	2687	6.3
29	Karur	2000	29614	1057	3.6

**IMMUNISATION PROGRAMME**

After Eradication of Small pox, World Health organisation launched Expanded Programme of Immunisation (EPI) against six Childhood diseases namely Diptheria, Pertusis (Whooping Cough), Tetanus, Measles, Poliomyelitis and Tuberculosis.

Tamil Nadu started Immunisation programme against these six Vaccine Preventable Diseases during 1978.

Annually, around 13 Lakh pregnant women and 12 Lakh infants have been benefited by Immunisation programme. Because of effective implementation of Immunisation Services, there is a drastic reduction in the incidence of vaccine preventable diseases. The reported cases of Diptheria, Pertussis, Neonatal Tetanus and poliomyelitis are negligible. The incidence of measles is reported around 500 to 1500 cases annually.

**PULSE POLIO CAMPAIGNS:**

As part of polio eradication activities, the State had conducted eleven series of Pulse Polio Immunisation campaigns during the period from 1995-96 to 2005-2006. Around 65 to 73 lakhs of under five year children, are covered with additional doses of Oral Polio Vaccine in each campaign, involving various Departments and Voluntary Organisations.

This year on 09.04.2006 1<sup>st</sup> round Pulse Polio Immunisation campaign was conducted and about 72 lakhs children were benefited. The second round was conducted on 21.05.2006. The State is sustaining 'Nil' polio status since February 2004.

#### HEPATITIS B VACCINATION

Hepatitis –B vaccination programme is being implemented in Chennai city and four districts namely, Virudhunagar, Ramnad, Madurai and Nilgiris. Around 3.25 lakhs infants were benefited so far. It is proposed to extend the programme to other districts in a phased manner for protecting the children from Hepatitis B virus.

#### MMR & RUBELLA VACCINATION

MMR & Rubella vaccination programme was launched as a pilot project in 5 blocks namely Anna Gramam (Cuddalore District), Jayakondam (Perambalur District), Anadipatti (Theni District), Kellpennathur (Thiruvannamalai District) and Anaicut (Vellore District). 24,919 children of 2 to 5 years and 22,390 adolescent girls of 10-15 years were given MMR & Rubella vaccination respectively. This vaccination helps to prevent congenital deformity in newborn babies. Action is being taken to implement MMR & Rubella vaccination programme in all districts in Tamil Nadu.

#### TAMIL NADU – IMMUNISATION PERFORMANCE

(Fig in Lakhs)

S.N	Vaccine	2003-04			2004-05			2005-06*		
		T	A	%	T	A	%	T*	A	P.T %
1	T.T.M	12.81	12.82	100	12.92	12.63	98	12.73	12.49	98
2	D.P.T	11.64	12.04	103	11.74	11.77	100	11.57	11.57	100
3	Polio	11.64	12.05	104	11.74	11.79	100	11.57	11.58	100
4	B.C.G	11.64	12.13	104	11.74	11.93	102	11.57	11.60	100
5	Measles	11.64	11.81	101	11.74	11.69	100	11.57	11.56	100

Note: \* - Provisional report.

T - Annual Target, A - Achievement

T\* - Annual Target adopted as per G.O.I.

P.T% - Proportionate percentage to target.

#### REPORTED INCIDENCE OF V.P.D CASES IN TAMILNADU

S.No.	DISEASE	2004		2005		2006*(upto March 06)	
		C	D	C	D	C	D
1	DIPHTHERIA	4	4	1	0	1	0
2	PERTUSIS	0	0	0	0	0	0
3	TETANUS(NEO)	1	1	0	0	0	0
4	TETANUS(OTH)	1	0	0	0	0	0
5	POLIO	1	0	0	0	0	0
6	MEASLES	1393	3	2331	1	872	0

C- Cases D- Death

\* Provisional

## NATIONAL LEPROSY ERADICATION PROGRAMME:

### Background and chronology

- NLEP in Tamil Nadu was launched in 1954-55.
- Multi Drug Therapy was launched in 1983 in a phased manner and a complete geographical coverage for Tamil Nadu was done in 1991.
- Prevalence which was 118/10,000 in 1983 was brought down to 0.60/10,000 in December 2005.
- The WHO fixed the Goal of Eliminating Leprosy as a Public Health Problem in March 2005. This means bringing down the prevalence to 1/10000.
- We have achieved the WHO target and over coming the goal to 0.60.

### Integration of NLEP with Primary Health Care Services

- During August 1997, the T.N. Govt. Integrated Leprosy Services with P.H. Care services.
- **Urban Leprosy:** As urban problems and situations are different, various strategies are used for case detection. They include special and focal surveys, skin camps continuous IEC & IPC and training to health staff for effective implementation of the programme at all levels.
- **NGOs participation:** After Integration, the Leprosy NGOs are made FACILITATORS in Urban areas laying emphasis on Prevention of Disabilities, Rehabilitation and Training.

### Innovative Strategies

- T.N. was the pioneering State to conduct 4 Modified Leprosy Elimination Campaigns MLEC I in Feb.1997, MLEC II in Jan 2000, MLEC III in Oct 2001, MLEC IV in December 2003. The outcome of the campaigns is shown in the table below:

	SSL	PB	MB	Total
MLEC I	4039	7533	1058	12630
MLEC II	3886	6785	1932	12603
MLEC III	2525	5950	1662	10137
MLEC IV	1432	4018	701	6151

### Structures introduced for effective work

Tamil Nadu was divided into 3 regions geographically. The priorities for work was identified as **Case detection/holding & treatment, IEC cum Community Participation, Prevention of Disability, Manpower Development, and Urban Leprosy.** Districts with specific problems were identified and strategies evolved to move towards elimination. The decentralized concept helped in effective planning, reviewing, implementation and feedback.

### Other Features:

- An award scheme has been introduced to recognize leprosy work in the State and each district.
- Thesis support for 35 students per year among postgraduate students has been implemented.
- Validation of cases and cleaning of records are carried out in all districts has proved very effective in bringing down the prevalence.

### OBJECTIVE TARGET AND ACHIEVEMENT FOR THE PAST 8 YEARS

YEAR	New Case Detection			Cases Brought Under Trt			Cases Cured		
	Target	Achievement	%	Target	Achievement	%	Target	Achievement	%
1998-1999	40000	45862	114.7	40000	46005	115	43000	51632	120.1
1999-2000	30000	62812	209.4	30000	62911	209.7	50000	56234	112.5
2000-2001	15000	47350	315.7	15000	47327	315.5	34000	54216	159.5
2001-2002	15000	32251	215.0	15000	32274	215.2	43000	32990	76.72
2002-2003	13470	24767	183.9	13470	24767	183.9	27395	28977	105.8
2003 – 2004	**	16051		**	16051		**	21658	
2004-2005		11244			11244			13647	
2005-2006		6654			6654			7762	

\*\* No target fixed by G.O.I. from the year 2003 onwards for New Case detection.

#### **Congenital Disorder Cleft Lip and Cleft Palate Childrens (Below 15 Years)**

Tamil Nadu is the only State in country where an initiative has been taken by this Department for a comprehensive identification, Mobilisation and Treatment of all the children with cleft lip and palate. A survey was taken in rural areas in Tamil Nadu to enumerate children with congenital defects including those with cleft lip and palate operated and not operated. The survey 6870 children have been identified with cleft lip and palate problems. Upto March 2006, 6068 children were benefited in this program with corrective surgeries in Government and Private Institutions in the past few month.

#### **Mobile Health Services**

There are 46 Mobile Health Unit functioning in 26 Health Unit Districts in Tamil Nadu Sanctioned under PMGY 2001 to 2005. Nearly 27,174 villages have been covered and totally 11,68,583 people have been benefited since 2002 to 2006 (upto March 06).

**PREVENTION OF FOOD ADULTERATION**

(Rs. in lakhs)

Scheme	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-06-102-AA Food Analysis Laboratories	235.66	0.00	0.00	235.66	263.23	0.00	0.00	263.23	216.34	0.00	0.00	216.34
2210-06-102-JA & SA Food Analysis Laboratories	0.00	1.50	0.00	1.50	0.00	4.50	0.00	4.50	0.00	2.51	0.00	2.51
Total	235.66	1.50	0.00	237.16	263.23	4.50	0.00	267.73	216.34	2.51	0.00	218.85

## **PREVENTION OF FOOD ADULTERATION**

Tamil Nadu State is implementing the measures to control the adulteration of food by implementing the prevention of Food Adulteration Act 1954 and Rules 1955. The whole state is notified for the purpose of implementation of Food adulteration Act and Rules and at present 481 Local Bodies are implementing the act.

Food samples collected from the Local Bodies are analysed in 7 Food Analysis Laboratories situated at Guindy, Coimbatore, Madurai, Thanjavur, Palayamkottai, Salem and at Chennai Corporation. During the year 2005-2006 (upto March 2006) 3641 samples were analysed out of which 421 samples were found adulterated. The percentage of adulteration is 11.56%. Prosecutions were launched in 33 cases of adulteration. 9 cases were convicted, out of which 3 were fined and 6 were fined with imprisonment.

**PREVENTION OF AIR AND WATER POLLUTION**

**(Rs. in lakhs)**

Scheme	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-06-107-JA Development of Public Health Lab. Services	0.00	8.81	0.00	8.81	0.00	9.19	0.00	9.19	0.00	12.56	0.00	12.56
2215-02-106-AA Water Analysis Laboratory	110.27	0.00	0.00	110.27	120.43	0.00	0.00	120.43	131.97	0.00	0.00	131.97
Total	110.27	8.81	0.00	119.08	120.43	9.19	0.00	129.62	131.97	12.56	0.00	144.53

### **Activities of Water Analysis Laboratories at Guindy and Coimbatore:**

The Water Analysis Laboratories at Guindy and Coimbatore are providing water quality monitoring services for all the approved protected water supply systems located in several local bodies (including the rural water supply schemes).

The local authorities maintain the water supply systems with the assistance of the Health Inspectors (General) of this Department.

Trained water samples collected visit all the protected water supply systems and collects samples of water for a detailed examination of physical, chemical, bacteriological and biological quality from the water sources, water treatment units service reservoirs and distribution net work.

The results of the analysis are communicated to the local authorities for rectification of defects pointed out therein.

Special field investigations are also carried out wherever problems in water supplies arise during the outbreak of water borne epidemics, droughts, floods etc., and in places wherever important fairs and festivals are held, so as to check up the water quality and distribution system on the spot and to carryout remedial measures.

The achievement made by the existing two water analysis laboratories at Guindy and other at Coimbatore for the past four years from 2002-2003 to 2005-2006 is furnished below:

#### **Physical achievement for the past Four Years**

<b>Sl. No.</b>	<b>Item</b>	<b>2002-03</b>	<b>2003-04</b>	<b>2004-05</b>	<b>2005-06</b>
1	Total No. Of Samples received and tested in connection with the periodical examination of protected water supply	11033	29076	26077	10207
2	Total Number of water samples received from Rural Water supply	349	720	438	164
3	New Water supplies included under periodical examination	-	10	17	170
4	Total Number of samples of Water etc. tested for Bacteriological Physical and Chemical examinations	15613	19628	17698	15962
5	Number of field investigations etc. carried out	22	30	13	34

**HEALTH STATISTICS AND EVALUATION**

(Rs. in lakhs)

Scheme	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-80-004-AA Research Work	2.14	0.00	0.00	2.14	2.01	0.00	0.00	2.01	2.24	0.00	0.00	2.24
2210-80-004-AB Nutrition Research	16.80	0.00	0.00	16.80	17.56	0.00	0.00	17.56	17.39	0.00	0.00	17.39
2210-80-004-AG Medical Statistical Cell	12.85	0.00	0.00	12.85	6.18	0.00	0.00	6.18	10.34	0.00	0.00	10.34
2210-80-004-AI Vital Statistical Registration	122.85	0.00	0.00	122.85	124.05	0.00	0.00	124.05	139.14	0.00	0.00	139.14
2210-80-004-AJ Strengthening of Surveillance Unit for Expanded and Immunization Programme	6.47	0.00	0.00	6.47	4.03	0.00	0.00	4.03	4.05	0.00	0.00	4.05
Total	161.11	0.00	0.00	161.11	153.83	0.00	0.00	153.83	173.16	0.00	0.00	173.16

HEALTH EDUCATION AND PUBLICITY

Scheme	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-06-112-AA Head Quarters Unit and RCAP Units in Districts	63.85	0.00	0.00	63.85	73.21	0.00	0.00	73.21	67.34	0.00	0.00	67.34
2210-06-112-AC Training Units	8.28	0.00	0.00	8.28	9.22	0.00	0.00	9.22	9.08	0.00	0.00	9.08
2210-06-113-AD Press	4.77	0.00	0.00	4.77	6.38	0.00	0.00	6.38	7.12	0.00	0.00	7.12
2210-06-113-AE Exhibition and Media Units	13.69	0.00	0.00	13.69	18.64	0.00	0.00	18.64	16.85	0.00	0.00	16.85
2210-06-113-JA Establishment of 10 Media Units	0.00	1.76	0.00	1.76	0.00	2.41	0.00	2.41	0.00	1.31	0.00	1.31
2210-80-004 JD Publicity	0.00	5.00	0.00	5.00	0.00	6.26	0.00	6.26	0.00	6.26	0.00	6.26
Total	90.59	6.76	0.00	97.35	107.45	8.67	0.00	116.12	100.39	7.57	0.00	107.96



## STATE BUREAU OF HEALTH INTELLIGENCE

### Civil Registration System:

The Registration of Births and Deaths is compulsory at the place of occurrence in the State as per the Registration of Birth and Death Act 18 of 1969 and as per the revised Tamil Nadu Registration of Birth and Death rules 2000.

The System of Registration of Births and Deaths is reviewed and monitored regularly. The Reporting efficiency of the state is 96.6% for the year 2004 and the registration efficiency of births is 92.3% and death is 83.3% for the year 2004.

### Training on Civil Registration System:

During the year 2005-06 Registrar General India has provided financial assistance through UNICEF for training the officials engaged in Registration of Births and Deaths in low performing districts. Accordingly 11 districts have been selected and the training is completed.

### National Campaign to Issue Birth Certificates:

In order to create awareness among the public, the Registrar General India has directed to launch the National Campaign from 14.11.03 onwards so far 44.42 lakhs of free Birth Certificates were issued to children below 10 years of age.

### Medical Certification of Cause of Death Scheme:

Sl.No.	International classification of Diseases	% Of Medically Certified 2003
1	Infectious and Parastic diseases	7.3
2	Neoplasm	4.1
3	Nutritional Metabolic disease and immunity disorders	4.9
4	Diseases of blood and blood forming organs	0.9
5	Mental Disorders	0.2
6	Diseases of Nervous System	2.1
7	Diseases of Circulatory system	35.7
8	Diseases of Respiratory system	7.6
9	Diseases of digestive system	3.2
10	Diseases of Genito Urinary system	3.0
11	Complications of pregnancy	0.3
12	Diseases of Skin	0.1
13	Congenital Anomalies	0.1
14	Certain Conditions originating in the perinatal period	4.5
15	Symptoms, signs and ill defined conditions	14.8
16	Injury and poisoning	11.2

### Sample Registration System:

The estimated vital rates as per Sample Registration Systems.

Year	Birth Rate	Death Rate	Infant Mortality Rate
2001	19.1	7.7	49.0
2002	18.5	7.7	44.0
2003	18.3	7.6	43.0
2004	17.1	7.5	41.0

**Imparting Computer Training to the Public Health Staff at Madurai and Salem.**

The Government sanctioned a sum of Rs.16.40 lakhs for establishing computer-training centers at Salem and Madurai. Also the Government have entrusted the work of imparting training to staff by ELCOT. Accordingly M/S.CSC Computer Education Limited has been entrusted with the job of imparting training and the training programme started from 04.07.2005 onwards. So far 38 batches completed and 960 officials were trained.

**Institutional Services Monitoring Report:**

The institutional Services of 1417 Primary Health Centres are being monitored through ISM report monthly and feed back are sent to Districts.



## HEALTH SUB CENTRE

(Rupees in lakhs)

Scheme	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-03-101-JD P.U.HSCs	0.00	89.98	0.00	89.98	0.00	170.02	0.00	170.02	0.00	170.02	0.00	170.02
2211-00-101-SC Sub Centres	0.00	0.00	9259.83	9259.83	0.00	0.00	10158.87	10158.87	0.00	0.00	10006.10	10006.10
2211-00-793-SA Health Sub-Centres in Adi Dravidar Colonies	0.00	0.00	1864.91	1864.91	0.00	0.00	1991.20	1991.20	0.00	0.00	2026.90	2026.90
Total	0.00	89.98	11124.74	11214.72	0.00	170.02	12150.07	12320.09	0.00	170.02	12033.00	12203.02

### Maternal and Child Health Services:

Maternity and Child Health Services in the rural area are rendered through a network of 8683 Health Sub-Centres attached to 1417 Primary Health Centres.

The Health Sub-Centre is the peripheral most units established at the village level, providing outreach health care to the rural population. Health Sub-Centres are established and maintained at the rate of one Health Centre for every 3000 population in the hilly, tribal and difficult terrain areas and one for every 5000 population in other plain areas. Each Health Sub-Centre is manned by a Village Health Nurse assisted by trained Dais.

Besides the salary of Village Health Nurse the following recurring and non-recurring expenditure are sanctioned towards the running of each Health Sub Centre.

Non-Recurring : Equipment and furniture Rs.33,000/-

Recurring : 1. Drugs for Health Sub-Centres Rs.2000/-

2. Rent for buildings Rs.3000/-per annum per Health Sub-Centre, wherever Health Sub-Centres are functioning in Rental buildings.
3. Contingencies Rs.2000/- per annum per Health Sub-Centre.
4. Honorarium to Female attendant Rs.100/-p.m.

The expenditure on Health Sub Centres is borne by Government of India by way of 100% Central Assistance.

### Strengthening of Health Sub-Centre

In order to enhance the quality of maternity and child health services and to enable the Village Health Nurses to stay in their Health Sub Centres were provided with electricity and water supply facilities and other obstetric equipments and furniture on need basis every year. Because of these supplies of essential equipments and other accessories, the institutional deliveries in the Health Sub Centres will be improved to a great extent.

Achievements under the Maternity and Child Health components are furnished below:-

Sl. No.	Details of MCH Components	2002-03 %	2003-04 %	2004-05 %	2005-06 %
1.	Antenatal Registration	93.1	93.37	97.5	93.9
2.	Institutional Deliveries	90.12	92.29	94.2	92.5
3.	Deliveries by trained persons	99.09	99.33	99.6	99.5
4.	Deliveries by untrained persons	0.91	0.67	0.4	0.5
5.	Birth weight taken for newborn	98.82	99.05	99.4	98.6



**TRIBAL SUB PLAN**

(Rupees in lakhs)

Scheme	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-03-796-JC Mobile Medical Unit facilities at Kalrayan Hills	0.00	8.18	0.00	8.18	0.00	10.82	0.00	10.82	0.00	12.18	0.00	12.18
2211-00-796 SA Maternity Centres under Tribal Areas	0.00	0.00	55.06	55.06	0.00	0.00	60.96	60.96	0.00	0.00	53.76	53.76
Total	0.00	8.18	55.06	63.24	0.00	10.82	60.96	71.78	0.00	12.18	53.76	65.94

**Functioning of Health Sub-Centre in Tribal Sub Plan Area:**

Out of 8683 Health Sub-Centres 50 Health Sub-Centres are functioning in the tribal areas as detailed below:

Sl.No.	Name of District	Tribal Area	Health Sub-Centres
1.	Dharmapuri	Sitheri hill	5
2.	Salem	Yercaud hill Kolli hill Kalrayan hill.	3 5 2
3.	Villupuram	Kalrayan hill	14
4.	Vellore`	Jawadhu hill	17
5.	Trichirapalli	Pachamalai hills	4
		<b>Total</b>	50

The Staff employed in this tribal area are rendering the Primary health care services including maternal and child health and immunisation services for the tribal community.

**Mobile Medical Unit at Kalrayan Hills**

The Mobile Medical Unit with head quarters at Karumandurai PHC in Attur taluk with the following staff is functioning under the control of the Deputy Director Health Services, Salem to provide curative and preventive care services in these areas.

Sl.No.	Name of post	No. of post
1.	Assistant Surgeon	2
2.	Laboratory Technician	1
3.	Pharmacist	1
4.	Auxiliary Nurse Midwife	1
5.	Attendant	1
6.	Driver	1
7.	Health Inspector	3

A majority of the women in Tamil Nadu and the adolescent girls in the age group 11 to 19 years are suffering from some form of anaemia. This contributes to low birth weight of newborn babies and maternal and Infant deaths. Hence as part of antenatal services package, the expectant mothers are given with 100 FST (Large) tablets. Identified anaemic pregnant mothers are administered with 200 tablets. To control the Iron deficiency anaemia among adolescent girls each girl is given with an IFA (Large) tablet- weekly once. About 53 lakhs adolescent girls are benefited every week.

**TRAINING**

(Rs. in lakhs)

Schemes	Actuals 2004-2005				Budget Estimate 2005-2006				Revised Estimate 2005-2006			
	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total	Non-Plan	Plan	C.S.S.	Total
2210-06-003-AA Orientation Training Centre, Poonamallee	128.46	0.00	0.00	128.46	148.68	0.00	0.00	148.68	144.15	0.00	0.00	144.15
2210-06-003-AB Training of Health Visitor	26.64	0.00	0.00	26.64	26.93	0.00	0.00	26.93	26.17	0.00	0.00	26.17
2210-06-003-AD Nutrition Training	13.92	0.00	0.00	13.92	13.11	0.00	0.00	13.11	11.23	0.00	0.00	11.23
2210-06-003-JE Establishment of Computer Training Centre @ Salem & Madurai	0.00	0.00	0.00	0.00	0.00	1.44	0.00	1.44	0.00	0.00	0.00	0.00
2210-06-003-AF Establishment of Regional Institute of Public Health for in-service Training	6.63	0.00	0.00	6.63	9.46	0.00	0.00	9.46	6.60	0.00	0.00	6.60
2211-06-003-SG Schools for Training in Multi Purpose Health Workers (Female)	0.00	0.00	95.91	95.91	0.00	0.00	115.17	115.17	0.00	0.00	96.22	96.22
2211-00-003-SA Health and Family Welfare Training Centres	0.00	0.00	51.24	51.24	0.00	0.00	63.06	63.06	0.00	0.00	58.60	58.60
2211-00-003- SF Grants	0.00	0.00	14.77	14.77	0.00	0.00	10.00	10.00	0.00	0.00	27.50	27.50
2211-00-003-JA DANIDA Health Care Absorption	0.00	85.03	0.00	85.03	0.00	97.07	0.00	97.07	0.00	32.43	0.00	32.43
2211-00-104-SD Motor Vehicle	0.00	0.00	2.43	2.43	0.00	0.00	3.18	3.18	0.00	0.00	0.00	0.00
<b>Total</b>	175.65	85.03	164.35	425.03	198.18	98.51	191.41	488.10	188.15	32.43	182.32	402.90

## **PUBLIC HEALTH TRAINING AND CONTINUING EDUCATION**

### **Multipurpose Health Workers (Female) Training Course:**

Multipurpose Health Workers (Female) training Schools attached to the District Headquarters Hospitals at Kanchipuram, Cuddalore, Nagapattinm, Ramanathapuram Tirunelveli Medical College, Tirunelveli are functioning in Tamil Nadu and 30 candidates for every six months are being admitted in each school. The candidates in respect of Durgabha Deshmukh Hospital, Chennai and Kasthuriba Hospital, Gandhigram are also being selected from the Community Nutrition workers of TINP and Anganwadi Workers of ICDS sponsored by Social Welfare Department.

### **Multipurpose Health Supervisors (Female) Training Course**

A sum of Rs.75, 000/- each year has been allotted as stipend to the trainees at Rs.250/- per month. 146 Nos. of candidates have been trained.

### **Orientation Training Programme for Medical and Para-Medical Staff**

Orientation inservice training programmes are being conducted for the Medical and Para Medical staff in the Health and Family Welfare Training Centre, Egmore, Madurai and Gandhigram, Health Manpower Development Institute, Salem, Villupuram and Regional Training Institute of Public Health, Tiruvarankulam.

### **Training Course for newly recruited Assistant Surgeons**

The newly recruited Assistant Surgeons have to undergo the following training course:-

1. One month induction training at Institute of Public Health, Poonamallee, Health and Family Welfare Training Centre, Egmore, Madurai and Gandhigram-Health Manpower Development Inatitute, Villupuram and Salem.	Public Health Administration.
2. One week training at Anna Institute of Management, Chennai.	Management
3. 21 days at Anna Institute of Management, Chennai.	Foundational "B" training course

Due to non-availability of funds, the courses are not conducted at present.

### **Training Institute**

There are 6 Regional Training Institutes namely Institute of Public Health, Poonamallee, Chennai-56. Three Health and Family Welfare Training Centres situated at Chennai, Madurai and Gandhigram and 2 Health Manpower Development Institute at Villupuram and Salem.

The Institute of Vector Control and Zoonoses at Hosur is categorised as a specialised Training-cum Research for Vector Borne Zoonotic Diseases Control Institute.

The in-service training to the male component of field health functionaries of Public Health Department is given in the Regional Training Institute of Public Health, Tiruvarankulam, Pudukottai District.

## Chapter – 5

### FAMILY WELFARE PROGRAMME

The main aim of the Family Welfare programme is to bring down fertility through improving maternal and child health services in the State. Tamil Nadu is forerunner in the implementation of Family Welfare Programme all over the country. It is implemented as a people's programme involving the active co-operation and participation of the community at large.

#### Demographic Scenario:

The Demographic Scenario of Tamil Nadu compared with India is as follows

Sl. No.	INDICATORS	CURRENT LEVEL	
		TAMIL NADU	INDIA
1.	Population	6,24,05,679	102,70,15,247
2.	Decennial Growth Rate (%)	11.72	21.35
3.	Sex Ratio (female per 1000 males)	987	933
4.	Density of population (per sq. K.M.)	480	324
5.	Percentage of Urban population	44.04	27.78
6.	Literacy Rate (%)	Male	82.33
		Female	64.55

Source: 2001 Census

7.	Crude Birth Rate (per 1000 population)	17.1	24.1
8.	Crude Death Rate (per 1000 population)	7.5	7.5
9.	Infant Mortality Rate (per 1000 live births)	41	58
10.	Natural Growth Rate (%)	0.96	1.66

Source: SRS 2004

#### The Infrastructure facilities under Family Welfare programme:-

The Family Welfare and Maternity & Child Health Services are provided to the eligible couples in the state through the following Governmental, Voluntary and Private Medical Institutions.

1	Health Sub-Centres	8683
2	Primary Health Centres	1417
3	Post Partum Centres	114
4	Urban Family Welfare Centres	104
5	Urban Health Posts	193
6	Voluntary Organisations	27
7	Private Approved Surgeries	1513

**Family Welfare Performance:**

Sl. No	Programme	2004-05	2005-06
1.	Sterilisation	4,17,027	3,80,028
2.	I.U.D. Insertion	4,00,367	3,94,076
3.	Oral Pill Users	1,53,290	1,36,776
4.	C.C. Users	1,94,639	2,02,097
5.	M.T.P	72,710	69,333

**Impact of Family Welfare Programme:**

1.	Couple Protection Rate (as on 31 <sup>st</sup> March 2005)	50.1 %
2.	Sterilisation acceptors with two and less than two living children 2005-2006	68.3 %
3.	Percentage of Higher Order Births (2004)	17.8 %
4.	Mean age at acceptance of sterilisation (2004-05)	27.2
5.	Mean number of living children to the sterilisation acceptors (2004-05)	2.4

**Physical performance:**

The district wise Performance on Family Welfare in Tamil Nadu for 2005-2006 is furnished below:

Sl. No.	District	Sterilization	IUD	O.P. Users	C.C. Users	M.T.P
1	Chennai	49162	45958	12511	25312	13122
2	Coimbatore	21954	20425	6870	12301	1869
3	Cuddalore	13687	16041	5478	8920	3035
4	Dharmapuri	11081	9712	4246	5413	1310
5	Dindigul	12645	13475	5407	5150	3451
6	Erode	16161	13763	5743	8531	2062
7	Kancheepuram	15151	11846	5542	4399	1857
8	Kanyakumari	10138	9415	3301	4330	1111
9	Karur	4641	7159	2553	2219	1415
10	Krishnagiri	9022	10745	3463	2970	1820
11	Madurai	17581	15327	4718	8920	3937
12	Nagapattinam	4932	9021	3196	3198	271
13	Namakkal	7982	9406	3807	6792	2011
14	Perambalur	5219	7796	3005	2797	452
15	Pudukkottai	7185	13215	3676	7329	707

16	Ramnad	6688	8436	2419	3952	1195
17	Salem	21040	17088	6015	9641	7743
18	Sivagangai	6535	7466	2716	4469	1132
19	Thanjavur	14057	14849	5776	7418	2320
20	The Nilgiris	3539	3926	1036	1732	867
21	Theni	7681	6148	2888	2677	877
22	Thiruchirapalli	11474	11626	3221	5008	3851
23	Thirunelveli	15528	17161	5069	7441	3217
24	Thiruvallur	10498	10602	5432	5877	1739
25	Thiruvannamalai	14289	17200	5176	6220	874
26	Thiruvarur	6163	9898	2721	4490	648
27	Thoothukudi	8397	9322	4096	5132	749
28	Vellore	22934	17045	6771	11181	2969
29	Villupuram	13583	19184	6344	12279	1431
30	Virudhunagar	11081	10821	3579	5997	1291
	<b>Total</b>	<b>380028</b>	<b>394076</b>	<b>136776</b>	<b>202097</b>	<b>69333</b>

**FAMILY WELFARE PROGRAMME - OBJECTWISE CLASSIFICATION**

(Rs. in thousands)

SI. No	Details	Actuals 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
	<b>STATE PLAN</b>			
1	01 - Salaries	66680	68622	66701
2	03 - D.A	35134	44776	42084
3	04 - Travel Expenses	108	202	202
4	05 - Office Expenses	355	505	405
5	09 - Grants-in Aid	46063	2	2
6	10 - Contribution	0	1	1
7	19 - Machinery and Equipments	5000	5002	5002
8	21 - Maintenance of functional vehicles	131	220	171
9	33 - Payments for Professional and Special Services	0	0	144
10	45 - Petrol oil & Lubricants	1251	1595	1685
11	46 - Clothing, Tentage & Stores	33	136	40
12	49 - Festival Advances	-562	0	0
13	51 - Compensation	0	0	4000
14	59 - Prizes and Awards	142	6	24
15	66 - Medicines	6125	6125	6125
16	79 - Salary Grants	0	53436	52812
	<b>Total</b>	<b>160460</b>	<b>180628</b>	<b>179398</b>

**FAMILY WELFARE PROGRAMME - OBJECTIVE CLASSIFICATION**

(Rs. in thousands)

<b>Sl.No</b>	<b>Details</b>	<b>Actuals 2004-2005</b>	<b>Budget Estimate 2005-2006</b>	<b>Revised Estimate 2005-2006</b>
	<b>CENTRALLY SPONSORED</b>			
1	01 - Salaries	44317	49434	44690
2	03 - D.A	23288	31669	27666
3	04 - Travel Expenses	1961	2264	1973
4	05 - Office Expenses	2631	2954	3598
5	06 - Rent, Rates & Taxes	349	400	300
6	08 - Advertising	10070	10000	1892
7	09 - Grants-in-aid	111151	128300	128300
8	10 - Contribution	4028	4500	4200
9	19 - Machinery and Equipments	2271	0	0
10	21 - Maintenance of functional vehicles	199	290	290
11	24 - Materials & Supplies	14707	60000	45000
12	33 - Payments for Professional and Special Services	542	40	304
13	42 - Service or Commitment Charges	-42	1	1
14	45 - Petrol oil & Lubricants	2685	2880	3180
15	46 - Clothing, Tentage & Stores	192	116	116
16	49 - Festival Advances	-606	0	0
17	51 - Compensation	83793	102016	85860
18	59 - Prizes and Awards	78	29	29
19	66 - Medicines	92347	94320	94320
20	72 - Training	52	0	0
21	76 - Computer and Accessories	0	0	170
	<b>Total</b>	<b>394013</b>	<b>489213</b>	<b>441889</b>

## Chapter - 6

### DRUGS CONTROL ADMINISTRATION

The Director of Drugs Control is the Head of Department and he is the Controlling and Licensing Authority for the Drugs Manufacturing Units in Tamilnadu. He is assisted by One Joint Director, Three Deputy Directors and One Assistant Director (Administration) in the Directorate, in matters relating to General Administration, Monitoring the activities of enforcement wing, issue of Licences to Drugs and Cosmetics Manufacturing Units in Tamilnadu. There is a Legal-cum-Intelligence Wing to process legal matters and for taking up special investigations. It is headed by a Deputy Director of Drugs Control who is assisted by a Legal Adviser.

The State has been divided into 13 Zones and each zone is headed by an Assistant Director of Drugs Control who is the Licensing Authority for the Grant and Renewal of Sales Licences in their Zones. A Mobile Squad at Madurai headed by an Assistant Director of Drugs Control is functioning for attending to the complaints relating to Spurious Drugs. A Drugs Testing laboratory is functioning at Chennai for testing the samples of Drugs and Cosmetics drawn by Drugs Inspectors.

The Department of Drugs Control Administration has the following Staff:

Sl. No	Name of the Post	No. of Posts
1	Director of Drugs Control	01
2	Joint Director of Drugs Control	01
3	Deputy Director of Drugs Control	03
4	Assistant Director of Drugs Control	14
5	Assistant Director of Drugs Control (Administration)	01
6	Senior Drugs Inspector	10
7	Drugs Inspectors	74
8	Legal Adviser	01
9	Assistant Accounts Officer	01
10	Ministerial Staff	117
11	Office Assistant	79
12	Driver	04
13	Telephone Operator	01
	<b>TOTAL</b>	<b>307</b>

Drugs Testing Laboratory, Chennai-6 has the following Staff:

SI No	Name of the Post	No. of Posts
1	Government Analyst	01
2	Deputy Government Analyst	02
3	Senior Analyst	11
4	Junior Analyst	28
5	Junior Administrative Officer	01
6	Technician Grade-I	04
7	Technician Grade-II	04
8	Gas Mechanic	01
9	Electrician Grade-I	01
10	Plumber	01
11	Laboratory Attendant	04
12	Animal Attendant	01
13	Ministerial Staff	10
14	Office Assistant	05
15	Sweeper	01
16	Sweeper-cum -Watchman	01
	<b>TOTAL</b>	<b>76</b>

## ACHIEVEMENTS DURING 2005-2006:

A Total of **151** Prosecutions have been sanctioned for the period from 01.04.2005 to 31.03.2006.

The following are the major contraventions for which sanction has been accorded:-

1. 13 Sanction has been accorded for prosecution against **Eight** manufacturers for having manufactured Spurious Drugs and two sanction accorded to prosecute manufacturer for having manufactured Adulterated Drug.
2. Sanction has been accorded against **Two** manufacturer for having manufactured Misbranded Drugs.
3. 5 sanction for prosecution has been accorded under Drugs and Magic Remedies (Objectionable Advertisement) Act
4. 12 sanctions for prosecution has been accorded for having manufactured for sale of Not of Standard Quality Drugs against different manufacturers.
5. 14 cases have been registered for dealing drugs without licence.
6. This department has also detected Nine Spurious Drugs manufactured by Six different manufacturers and action has been initiated against them under Drugs & Cosmetics Act 1940.
7. Training Programme for the Drugs Inspectors and Senior Drugs Inspectors for equipping them with the latest Technical innovation in the process of Manufacture and Quality Control of Drugs have been conducted in the month of November ' 2005 and March ' 2006 utilizing the funds provided by WHO.
8. Computers have been installed in all 13 Zonal Offices of Asst. Directors of Drugs Control throughout the State.
9. Construction of New Annexe Building (Ground and First Floor) for the Directorate of Drugs Control.
10. All Mofussil Offices of Asst. Directors of Drugs Control have been provided with Photo Copier Machines.
11. Reference Books have been purchased for the use of Director of Drugs Control.

### Financial requirements

(Rupees in Lakhs)

SI No	Sub-Head of Account	Revised Estimate for 2005-2006		
		Non-Plan	State Plan	TOTAL
<b>2210-06-104</b>				
1	<b>AA</b> – Administration of Drugs Act 1940	324.89	-	324.89
2	<b>AB</b> – Administration of Drugs Act 1940 King Institute, Guindy.	11.16	-	11.16
3	<b>AC</b> – Establishment of Drugs Testing Laboratory.	109.39	-	109.39
4	<b>AD</b> - Intelligence Wing of the Drugs Control Administration.	2.61	-	2.61
5	<b>JB</b> - State Drug Control Administration	-	4.00	4.00
	<b>TOTAL</b>	<b>448.05</b>	<b>4.00</b>	<b>452.05</b>



Details of Inspection	2002-03	2003-04	2004-05	2005-06
<b>Details of Prosecution Launched</b>				
1. Total No. of Prosecutions sanctioned	194	150	155	151
(a) No. of Prosecutions sanctioned under the Drugs & Cosmetics Act, 1940.	192	146	151	146
(b) No. of Prosecutions sanctioned under the Drugs & Magic Remedies (Objectionable Advertisements) Act, 1954.	02	04	04	05
(c) No. of Prosecutions under Drugs Price Control Order.	-	-	-	-
(d) No. of Prosecutions under Narcotic Drugs & Psychotropic Substances Act, 1985.	-	-	-	-

**OBJECTWISE CLASSIFICATION**

(Rs. in Lakhs)

Detailed Head	B.E.2005-06			R.E. 2005-06		
	Non-Plan	State Plan	Total	Non-Plan	State Plan	Total
01 Salaries	265.19	-	265.19	254.30	-	254.30
02 Wages	0.10	-	0.10	0.10	-	0.10
03 Dearness Allowances	165.63	-	165.63	153.36	-	153.36
04 Travel Expenses	5.14	-		5.41	-	5.41
05 Office Expenses	11.77	-	11.77	12.71	-	12.71
06 Rent, Rates & Taxes	10.70	-	10.70	11.20	-	11.20
08 Advertising & Publicity	0.01	-	0.01	--	-	--
19 Machinery & Equipments	2.00	3.00	5.00	2.00	3.00	5.00
21 Motor Vehicles	0.10	-	0.10	0.10	-	0.10
24 Materials & Supplies	4.50	-	4.50	4.70	-	4.70
33 Payment for Professional & Special Service	0.05	-	0.05	0.06	-	0.06
45 Petroleum, Oil & Lubricants	0.70	-	0.70	0.87	-	0.87
49 Festival Advance -- Debit	3.31	-	3.31	3.13	-	3.13
49 Festival Advance – Credit	-3.31	-	-3.31	-3.13	-	-3.13
59 Prizes & Awards	0.06	-	0.06	0.06	-	0.06
66 Medicines	2.87	-	2.87	2.72	-	2.72
68 Cost of Books/Note Books/Slates etc.,	0.46	1.00	1.46	0.46	1.00	1.46
<b>TOTAL</b>	<b>469.28</b>	<b>4.00</b>	<b>473.28</b>	<b>448.05</b>	<b>4.00</b>	<b>452.05</b>

## Chapter - 7

### INDIAN MEDICINE AND HOMOEOPATHY

The holistic approach of Indian Systems of Medicine is aptly captured by the quote of the Siddhars, "**FOOD IS MEDICINE - MEDICINE IS FOOD**". The world is witnessing a resurgence of traditional systems of medicine. The World Health Organisation has estimated that 70% of people still depend on traditional systems of medicine to meet their health care needs. The increasing cost of the modern system of medicine and the incidence of toxicity and side effects have once again highlighted the importance and relevance of traditional systems of medicine in the world. The Indian Medicine and Homoeopathy Department was created in 1970 to promote the production facilities and trained personnel and for providing health care in all five Indian Systems of medicine - Siddha, Ayurveda, Unani, Homoeopathy and Naturopathy & Yoga.

The department is dealing with (a) Teaching in UG and PG course and (b) providing health care in District, taluk and Non-taluk and Primary Health Centre level in Siddha, Ayurveda, Unani, Homoeopathy, Naturopathy & Yoga (c) Research (d) Production, Standardization and quality control of drugs and (e) Production, Standardization and quality control of herbs.

#### Staff Strength:

The total number of personnel employed under the Indian Medicine and Homoeopathy Department is furnished below:

1	Medical Personnel	1089
2	Nursing Personnel	99
3	Pharmacists/Chief Pharmacist/Pharmacy Supervisor	822
4	Ministerial Staff	228
5	Nursing Asst./Hospital Worker	810
6	Others	353
	<b>Total</b>	<b>3401</b>

#### Old age Pension to Hereditary Siddha Medical Practitioners:

Old age pension of Rs.500/- per mensem is being sanctioned to the Hereditary Siddha Medical Practitioners who have attained the age of 60 years whose annual income is less than Rs.6000/-. About 602 persons are being benefited under this scheme and an amount of Rs. 38 lakhs has been allotted for the purpose during 2006 - 2007.

#### District Siddha Medical Offices at District Level:

District Siddha Medical Office has been set up to streamline the administration at District level and to provide technical guidance to the Assistant Medical Officers working in Siddha, Ayurveda, Unani and Homoeopathy Wings attached to the District Headquarters Hospitals, Taluk Hospitals, Non-Taluk Hospitals, Primary Health Centres, Government Siddha dispensaries and Mobile dispensaries etc., in the State. These District Offices are functioning in 22 Districts headed by a District Siddha Medical Officer in each district. The Government have sanctioned Computers with printers at a cost of Rs. 12.10 lakhs to all District Siddha Medical Offices, during the year 2005-06.

#### MEDICAL EDUCATION:

##### Government Siddha Medical College and Hospital, Palayamkottai

The Government Siddha Medical College at Palayamkottai was started in the year 1964. The following courses are offered in the Government Siddha Medical College with its 250 bedded Hospital facility. Total strength in BSMS course as on 1.1.2006 is 481 ( M-108 & F- 373)

Sl. No.	Name of the Course	No.of Seats	Under Graduate	Post Graduate	Total
1.	UG – BSMS	100	100	-	100
2.	PG- MD(Siddha)	60	-	60	60

#### Distribution of branches in M.D. (Siddha)

Sl. No.	Name of the Branches	No.of seats allotted
1.	Gunapadam	10
2.	Maruthuvam	10
3.	Sirappu Maruthuvam	10
4.	Kuzhanthai Maruthuvam	10
5.	Noi Nadal	10
6.	Nanju Noolum Maruthuva Neethi Noolum	10
	<b>Total</b>	<b>60</b>

#### Hostel

The number of inmates in the College Hostel as on 1.1.06 are as follows:

Male	120
Female	230
Total	350

#### Government Siddha Medical College, Chennai:

The College is imparting five and half years BSMS Degree course with an annual intake of 50 students. The total strength of students of the College as on 1.1.2006 is 233. (61 Boys and 172 Girls).

The Government have sanctioned the starting of Post Graduate courses in Maruthuvam and Gunapadam with an annual intake of 10 students in each branch during 1997-98. The students for these courses have been admitted from the academic year 1998-99 onwards. Total strength in M.D.(Siddha) were 29 ( Male 10 and 19 Female) in Maruthuvam and 34 ( Male 10 and Female 24) in Gunapadam as on 1-1-2006. Under Model College scheme Government of India has sanctioned a grant of 300.00 lakhs under Centrally Sponsored Scheme.

The number of inmates in the College Hostel as on 1.1.06 are as follows:

Male	40
Female	183
Total	223

#### Govt. Homoeopathy Medical College and Hospital, Thirumangalam

The Government Homoeopathy Medical College had been started at Madras in 1975 and subsequently it was transferred to Thirumangalam in Madurai District with a total bed strength of 50. Five and half years duration of BHMS Degree course including one year internship is offered at Government Homoeopathy Medical College, Thirumangalam with an annual intake of 50 students.

The total strength of the College as on 1.1.2006 is 263 in BHMS course ( 69 boys and 194 girls). The number of women inmates accommodated in the College Hostel as on 1.1.2006 is 52.

Under Model College scheme Government of India has sanctioned a grant of 300.00 lakhs under Centrally Sponsored Scheme.

**Government Unani Medical College, Chennai:**

The Government Unani Medical College was started in 1977 at Madras. Five and half years duration of BUMS Degree course including One year internship is being offered at Government Unani Medical College, Chennai with an annual intake of 26 students. The College continues to function in the campus of Arignar Anna Government Hospital of Indian Medicine, Chennai. Its total strength as on 1.1.06 is 134 (Boys 69 and Girls 65).

**Govt. Yoga and Naturopathy Medical College, Chennai**

The Govt. Yoga and Naturopathy Medical College has been functioning in the campus of the Arignar Anna Govt. Hospital of Indian medicine, Chennai with an annual intake of 10 students from the academic year 2000-2001 and 1st Batch of students have completed the course successfully in the month of May 2006. The total strength of students of the college as on 1.1.2006 is 54. (Male 19; Female - 35).

**New Government Ayurveda Medical College and Hospital, at Nagercoil in Kanyakumari District:**

Government has approved the establishment of a Government Ayurveda Medical College and Hospital at Nagercoil, Kanyakumari District and the College will start functioning from the academic year 2007-08.

**Self-Financing Indian System of Medicine Colleges:**

There are 3 Siddha Private Medical Colleges, 5 Ayurveda Private Medical Colleges and 8 Homoeopathy Private Medical Colleges and 3 Private Yoga and Naturopathy Colleges functioning in this State and the annual intake of the colleges is as follows:

SI.No	Name of System	Annual intake
1	Siddha	90
2	Ayurveda	150
3	Homeopathy	400
4	Yoga and Naturopathy	150
	<b>TOTAL</b>	<b>790</b>

**MEDICAL RELIEF:****Arignar Anna Government Hospital of Indian Medicine, Chennai:**

Out Patient treatment facilities in four systems of medicine i.e., Siddha, Ayurveda, Unani and Homeopathy and Inpatient treatment facilities in three systems of Medicine viz.. Siddha, Ayurveda and Unani with a bed strength of 120, 55, and 54 respectively are available at Arignar Anna Government Hospital of Indian Medicine, Chennai under one roof. This Institution serves as teaching hospital for Government Siddha Medical College, Chennai and Government Unani Medical College, Chennai. 7 Government Siddha Dispensaries which are functioning at various places in Chennai city are placed under the control of Arignar Anna Govt. Hospital of Indian Medicine.

A separate Department with 25 beds for Varma and 10 beds for Thokkanam is functioning at Arignar Anna Govt. Hospital of Indian medicine.

A Yoga & Naturopathy clinic attached with Government Yoga & Naturopathy Medical College is also functioning in the Campus of Arignar Anna Govt. Hospital of Indian Medicine, Chennai.

**Siddha wings attached to District Headquarters Hospitals, Taluk Hospitals, Non-Taluk Hospitals and Primary Health Centres and Medical Colleges.**

Siddha Wings are functioning in 29 District Headquarters Hospitals, 161 Taluk Hospitals, 75 Non-Taluk Hospitals, 391 Primary Health Centres and 4 Medical College Hospitals. Besides, 42 Government independent Siddha dispensaries are also functioning in the State.

In patient treatment facilities are provided in 20 District hospitals, one Taluk hospital and one non- taluk hospital.

**Ayurveda wings attached to Medical College Hospital, District Headquarters Hospitals and Government Ayurveda Dispensaries:**

Ayurveda wings are functioning in six Dist. Headquarters Hospitals, ( viz.Dindigul, Nagapattinam Kumbakonam, Trichy, Tuticorin and Nagercoil), one Non Taluk Hospital and 20 Primary Health Centres. Six Ayurveda Dispensaries are also functioning at various places in the State.

**Unani Wings attached to District Headquarters Hospital and Primary Health Centres:**

Unani wings are functioning in five District Headquarters Hospitals viz.. Nagapattinam, Ramanathapuram, Tiruvarur, Vellore and Dindigul , 4 Non Taluk Hospitals and 12 Primary Health Centres.

**Homoeopathy wings attached to District Headquarters Hospitals, Taluk Hospitals and Government Homoeopathy Dispensaries:**

Homeopathy wings are functioning in 27 District Headquarters Hospitals, 7 Taluk Hospitals, 3 Primary Health Centres and 5 Government Homoeopathy Dispensaries.

**Govt. Yoga and Naturopathy Wing**

Government sanctioned one wing at Institute of Child Health, Chennai during the year 2004-05.

**Government Siddha Dispensaries and Mobile Medical Unit under Tribal Sub-Plan:**

The Government have opened 7 Siddha Dispensaries in Hill area and one Mobile Medical Unit at Powerkadu in Kolli Hills of Salem District under Tribal Sub-Plan and all of them are functioning.

**Details of Patients treated during the year 2005**

**(From January - December 2005)**

Name of System	No. of Patients treated during the year 2005	
	Out-Patients	In-Patients
a. Siddha	15342315	188677
b. Ayurveda	366557	17026
c. Unani	153755	18130
d. Homoeopathy	1194918	16769
e. Naturopathy & Yoga	24467	--
Total	17082012	240602
Daily Average	46800	659

**PHARMACIES :**

**Pharmacy attached to Arignar Anna Government Hospital of Indian Medicine, Chennai:**

This Pharmacy is preparing medicines in Siddha, Ayurveda and Unani. The medicines prepared in this pharmacy are used in Arignar Anna Government Hospital of Indian Medicine, Chennai and the seven Siddha dispensaries attached to it in Chennai city.

In addition, this Pharmacy is supplying 43 items of medicines to the Siddha Hospital/Wings in the following 6 districts i.e., (1) Kancheepuram, (2) Villupuram, (3) Thiruvallur, (4) Vellore, (5) Tiruvannamalai and (6) Cuddalore.

**Pharmacy attached to Govt. Siddha Medical College , Palayamkottai:**

This pharmacy is preparing and supplying all required medicine in Siddha to cater to the needs of patients at Government Siddha Medical College Hospital, Palayamkottai.

This Pharmacy is also supplying 54 items of medicines to the Siddha Hospitals/Wings in the following 5 districts i.e. (1) Tirunelveli, (2) Virudhunagar, (3) Thoothukudi, (4) Kanyakumari, (5) Ramanathapuram.

**Drug Testing Laboratory (Indian Medicine), Chennai**

Government Drug Testing Laboratory (Indian Medicine) has been created in the Campus of Arignar Anna Government Hospital of Indian Medicine, Chennai-106 as a Statutory Body under the provision of the Drugs & Cosmetics Act 1940 and Rules 1945 of Government of India. Its main objectives are:

- i) To ensure the quality of Indian Medicine drugs to the general public, the consumer.
- ii) To derive some standards for the Indian Medicine drugs - to ensure the quality and
- iii) To create awareness in the minds of the manufacturers to manufacture good quality drugs, as the Government Drug testing Laboratory (Indian Medicine) as a Monitoring Agency, has vigil on their products.

The Drug Testing Laboratory is being strengthened in a phased manner in such a way that it is fully equipped to meet the task of analysing Indian Medicine samples to be received from various parts of the State.

**Tampcol:**

The Tamil Nadu Medicinal Plant Farms and Herbal Corporation is Government of Tamil Nadu Undertaking. The Corporation manufactures Siddha, Ayurveda and Unani Medicines and supplies medicines to all ISM wings functioning in the State.

**National Institute of Siddha :**

The National Institute of Siddha established at Tambaram is a joint venture of Government of India and Government of Tamil Nadu. It is established with a objective to impart post Graduate education in Siddha systems and to provide medical care through Siddha systems of medicine to suffering humanity. This premier Institution is also to develop, promote and propagate the science and art of Siddha.

**Medicinal Plants Board :**

The Government have constituted the Tamil Nadu Medicinal Plants Board to address the issues connected with conservation and sustainable use of Medicinal Plants, cultivation of Medicinal Plants and export of such products.

**Tamil Nadu Board of Indian Medicine and Board of Integrated Medicine, Chennai.**

1. The number of Indian Medicine Practitioners registered with the Tamil Nadu Board of Indian Medicine as on 31.12.2005 was as follows:

Sl.No	Name of the course	Naturopathy	Ayurveda	Unani	Total
1	BUMS (Unani)	-	-	365	365
2	LIM/LAM, etc.	-	290	37	327
3	BSAM/BAMS (Ayurveda)	-	1634	-	1634
4	DAM (Ayurveda)	-	193	-	193
5	GCIM	-	160	24	184
6	Tabib-Kamil	-	-	25	25
7	B2 Class	-	1889	628	2517
8	Enlistment	-	856	198	1054
9	Naturopathy Diploma	16	-	-	16
10	B.N.Y.S	220	-	-	220
	<b>Total</b>	<b>236</b>	<b>5022</b>	<b>1277</b>	<b>6535</b>

## 2. Tamil Nadu Siddha Medical Council, Chennai

The Number of siddha Medical Practitioners registered with Tamil Nadu Siddha Medical Council as on 31.12.2005 is as follows.

<b>Class</b>	<b>No.of Practitioners Registered.</b>
BIM & BSMS	2761
LIM, LAM etc.	6
GCIM,	3
B.Class	2245
C.Class	24
Enlistment	2411
<b>Total</b>	<b>7450</b>

## 3. Board of Integrated Medicine

<b>Name of the Course</b>	<b>Siddha</b>	<b>Ayurveda</b>	<b>Unani</b>	<b>Total</b>
GCIM	3	160	24	187
L.I.M.	6	290	37	333
<b>Total</b>	<b>9</b>	<b>450</b>	<b>61</b>	<b>520</b>

## 4. Tamil Nadu Homoeopathy Medical Council, Chennai

<b>A Class</b>	
BHMS	1284
DHMS	521
Others	95
<b>B Class</b>	14, 125
<b>C Class</b>	1, 050
<b>Total</b>	<b>17, 075</b>

**OBJECTWISE CLASSIFICATION**

(Rs. in thousand)

Sl. No.	Name of the Classification	BUDGET ESTIMATE 2005 - 2006				REVISED ESTIMATE 2005 - 2006			
		Non-Plan	Plan	Centrally Sponsored	Total	Non-Plan	Plan	Centrally Sponsored	Total
1	Salaries	310801	90616	1309	402726	273826	74643	2076	350545
2	Wages	63	100		163	64	100		164
3	Travel Expenses	1320	253	14	1587	1680	313	14	2007
4	Office Expenses	5256	1621	2005	8882	5377	2811	2005	10193
5	Rent, Rates & Taxes	1840	11		1851	1125	11		1136
6	Publication		400		400		400		400
7	Advertising & Publicity	335	50		385	515	50		565
8	Grants-in-aid	125	10000	10000	20125	125	10000	12500	22625
9	Scholarship & Stipends	12351	8800	3000	24151	13404	9385	3000	25789
10	Maintenance	10843		60700	71543	11853		64100	75953
11	Major works			39333	39333			40300	40300
12	Machinery and Equipments	300	3150	63402	66852	300	3400	73173	76873
13	Material and Supplies	250	20		270	250	100		350
14	Motor Vehicles	30	1006		1036	30	1356		1386
15	Pension	3800			3800	3800			3800
16	Payment for Prof. & Spl. services	698	513	1000	2211	515	438	1000	1953
17	Other Charges	210	210		420	210	210		420
18	Service or Commitment charges	132			132	153			153
19	Petroleum, Oil & Lubricants	162	26		188	179	26		205
20	Clothing, Tentage & Stores	337	412		749	337	587		924
21	Stores and Equipment	907	235	1	1143	907	425	1	1333
22	Festival Advances - Debit	2360	683	10	3053	2008	556	10	2574
23	Festival Advances - Credit	-2360	-683	-10	-3053	-2032	-556	-10	-2598
24	Medicines	50400	19443	60503	130346	50400	19443	64100	133943
25	Training			2371	2371			2370	2370
26	Dietary Charges	2337	45		2382	2355	45		2400
27	Cost of Books	35	5	1405	1445	35	5	2405	2445
28	Prizes & Awards	26	5		31	26	5		31
29	Computer & Accessories	1477	1548	3000	6025	1590	1548	4000	7138
30	Lumpsum Provision			16900	16900			18700	18700
	<b>TOTAL</b>	<b>404035</b>	<b>138469</b>	<b>264943</b>	<b>807447</b>	<b>369032</b>	<b>125301</b>	<b>289744</b>	<b>784077</b>

## **CHAPTER – 8**

### **TAMIL NADU HEALTH SYSTEMS PROJECT**

The World Bank assisted Tamil Nadu Health Systems Project is being implemented since January 2005. The total cost of the project is Rs.482.49 Crores. The project period is for five years from 2005 to 2010. The project is implemented in three phases as follows:

Phase I	-	January 2005 - June 2006
Phase II	-	July 2006 – December 2007
Phase III	-	January 2008 – March 2010

Achievements during Phase I of the Project:-

1. Strengthening of 51 Comprehensive Emergency Obstetric and Newborn care Centres (CEmONC) hospitals with provision of equipments and manpower being carried out.
2. Additions, extensions, repairs and renovations of hospital buildings in the hospitals in the Phase I districts viz. Dharmapuri, Krishnagiri, Theni, Pudukottai and Kanniyakumari were planned and are under various stages of progress.
3. Supply of equipments and hospital-supplies to 38 secondary care hospitals in Dharmapuri, Krishnagiri, Pudukottai, Theni and Kanniyakumari are in progress.
4. It was planned to operate ambulance services in 187 blocks in Phase I and Tsunami affected districts through partnership with Non Governmental Organisations (NGOs). The ambulances are being procured and the NGOs have been selected.
5. It was planned to provide mortuary vehicle services in 42 Health Unit Disitriacts (HUDs) to be operated through partnership with Non Governmental Organisations. The vehicles are being procured and the NGOs have been selected.
6. The steps have been taken to provide registers, case sheets, OP tickets and forms to all the project hospitals.
7. Bio Medical Waste Management Units has been established as a pilot in all the hospitals in Dharmapuri and Krishnagiri districts.
8. Mobile outreach health services in 12 tribal concentrated areas in 12 districts to be operated through NGOs have been initiated to provide adequate medical treatment to the tribes.
9. Steps have been initiated to pilot prevention of non-communicable diseases like cancer cervix and cardio vascular diseases.

**OBJECTIVE WISE CLASSIFICATION OF BUDGET 2005-2006**

(Rs.in Lakhs)

Objects	State Plan		
	Accounts 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
01. Salaries	0.97	205.58	47.49
02. Wages	0.08	8.40	1.57
03. Dearness Allowances	0.51	122.92	27.42
04. Travel Expenses	0	134.00	4.73
05. Office Expenses	10.83	122.14	113.79
06. Rent, Rate and Taxes	0	24.00	1.50
08. Advertisement & Publicity	1.21	88.98	42.00
09. Grants -in-aid	0	276.36	331.40
16. Major Works	0	5370.20	1145.43
17. Minor Works	0	96.25	0.01
19. Machinery & Equipment	0	1310.85	1205.00
21. Motor Vehicles	12.00	707.75	1256.50
33. Payment for Professional and Special Services	4.06	1472.77	702.38
45. Petrol, Oil and Lubricant	0	33.30	15.62
47. Stores & Equipment	0	284.84	32.64
59. Prize & Awards	0	25.00	0
60. T.A/D.A. to Non Official Members	0	0	0.50
66. Medicines	0	0	27.20
68. Cost of Books	0	0	0.25
71. Printing Charges	0	223.50	50.00
72. Training	0	242.95	146.97
73. Transport Charges	0	0	10.95
76. Computer & Accessories	3.00	623.59	30.10
80. Lump sum Provision	0	114.46	110.48
99. Miscellaneous	0	376.00	12.00
<b>Total</b>	<b>32.66</b>	<b>11863.84</b>	<b>5315.93</b>

**Financial Year 2005-2006 - Summary of Major Heads**

(Rs.in Lakh)

Revenue Account			
Major Head	Accounts 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
2210. Medical & Public Health	32.66	4965.13	1898.29
2211. Family Welfare	0	1469.76	2272.21
<b>Revenue Total</b>	<b>32.66</b>	<b>6434.89</b>	<b>4170.50</b>
Capital Account			
4210. Capital Outlay on Medical & Public Health	0	1101.50	453.33
4211. Capital Outlay on Family Welfare	0	4327.45	692.10
<b>Capital Total</b>	<b>0</b>	<b>5428.95</b>	<b>1145.43</b>
<b>Grand Total</b>	<b>32.66</b>	<b>11863.84</b>	<b>5315.93</b>

**Statement Showing the Financial Requirement  
Summary of Minor Heads**

(Rs.in Lakhs)

Minor Head	Accounts 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
001. Direction and Administration	31.45	726.82	230.70
110. Hospital and Dispensaries ® ©	0	1415.32 701.50	903.91 416.33
200. Other Health Schemes	0	100.30	53.73
200. Other Systems	0	416.17	29.40
003. Training	0	255.18	206.23
101. Prevention and Control of Diseases	0	177.71	150.83
112. Public Health Education	0	45.00	45.20
113. Public Health Publicity	0	169.36	45.50
796. Tribal Areas Sub Plan	0	335.95	132.69
800. Other Expenditure ® ©	0 0	61.10 400.00	42.30 37.00
004. Health Statistics & Evaluation	1.21	1262.22	57.80
103. Maternity and Child Health ® ©	0 0	1369.97 4218.70	2108.68 692.10
108. Selected Area Programme ©	0	108.75	0
190. Assistance to Public Sector and Other Undertaking	0	15.95	2.01
200. Other Services & Supplies	0	83.84	161.52
Total	32.66	11863.84	5315.93

® Revenue

© Capital

**Component-wise Classification of Budget 2005-2006**

(Rs.in Lakhs)

Component	Accounts 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
I. Increasing Access and Utilization of Health Services	-	6008.46	3094.99
II. Developing Effective Models to Combat Non-Communicable Diseases	-	347.07	196.33
III. Building The Capacity for Oversight and Management of the Health System	32.66	3136.31	498.14
IV. Maximizing the Efficiency of the Public Sector to deliver essential services	-	2372.00	1526.47
Total	32.66	11863.84	5315.93

**Component I - Increasing Access and Utilization of Health Services**

(Rs.in Lakhs)

Sub Component	Accounts 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
1. Reduction of Maternal and Neo Natal Mortality 2211-00-103 PA,PB and 4211-00-103 PA	-	5588.67	2800.78
2. Improving Tribal Health 2210-06-796 PA,PB	-	335.95	132.69
3. Facilitating Use of Hospitals by the poor and the Disadvantaged 2211-00-200 PA	-	83.84	161.52
Total	-	6008.46	3094.99

**Component II - Developing Effective Models to Combat Non-Communicable Diseases**

(Rs.in Lakhs)

Sub Component	Accounts 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
1 Health Promotion 2210-06-113 PA	-	169.36	45.50
2. Pilot Testing of Clinic Based NCD Control 2210-06-101 PA	-	177.71	150.83
Total	-	347.07	196.33

**Component III - Building the Capacity for Oversight and Management of the Health System**

(Rs.in Lakhs)

Sub Component	Accounts 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
1. Monitoring and Evaluation (i) Strengthening HMIS (ii) Evaluation and Assessment of Innovations 2210-80-004 PA,PB and 2210-06-112 PA	1.21	1307.22	103.00
2. Improving Quality of Care (i) Protocol Development 2210-06-800 PA	-	61.10	42.30
3. Health Care Waste Management 2210-05-200 PA, PB and 4211-00-108 PA	-	524.92	29.40
4. Strategy Development and Implementation (i) Strategic Planning (ii) PPP Management (iv) Project Management 2210-01-001 PA,PB + 2210-01-200 PA 2211-00-190 PA and 4210-01-800 PA	31.45	1243.07	323.44
Total	32.66	3136.31	498.14

**Component IV - Maximizing the Efficiency of the Public Sector to deliver essential services**

(Rs.in Lakhs)

Sub Component	Accounts 2004-2005	Budget Estimate 2005-2006	Revised Estimate 2005-2006
1. Rationalization of secondary care facilities 2210-01-110 PA + 4210-01-110 PC	-	1300.22	762.95
2. Rationalizing of Equipment 2210-01-110 PB	-	816.60	557.29
3. Human Resource Planning & Development 2210-06-003 PA	-	255.18	206.23
Total	-	2372.00	1526.47

## Chapter – 9

### REPRODUCTIVE AND CHILD HEALTH PROJECT

Reproductive and Child Health Programme, Phase-II in Tamil Nadu has been designed with strategic vision of (a) lowering Maternal Mortality Rate (MMR), (b) lowering Infant Mortality Rate (IMR), (c) lowering Total Fertility Rate (TFR), (d) RTI/STI control and (e) addressing adolescent health issues. While the focus has been overall improvement of the health outcomes as measured by these indicators, lowering the regional disparities in respect of these indicators has not been lost sight of. Towards achievement of these health goals, the RCH II Programme has been launched in Tamil Nadu for implementation from 2005-2006 at a cost of Rs.426 crores for a period of five years. An amount of Rs.74 crores was allocated for the year 2005-2006 by the Government of India (GOI), but an amount of Rs.72.34 crores was only released by GOI. Out of that, an amount of Rs.52.48 crores was incurred during 2005-2006.

#### **Extension of 24 hour delivery services and emergency first aid services in all the 1417 PHCs:**

The 24 hour delivery model PHC with 3 staff nurses was piloted in 90 PHCs in Madurai, Theni, Thanjavur Thiruvavur, Nagapattinam, Dharmapuri and Krishnagiri districts during 1999. The availability of staff nurses round the clock improved the delivery performance and ensured the availability of emergency first aid services in these PHCs. Subsequently in the year 2005 the scheme has been extended to 90 more PHCs. In 2005-2006 an amount of Rs.81.43 lakhs has been allotted for this scheme.

#### **24 hours Delivery Performance in 2005-2006**

Sl. No.	Total No. of Deliveries conducted at PHCs with 24 hour Delivery care services	Staff Nurse Performance in 24 hour delivery care services Primary Health Centres.		
		Delivery	Minor ailments treated.	Referred to Higher Institutions.
1	17568	10985	31800	5570

#### **Hiring of anaesthetists and obstetricians for providing emergency Obstetric Care Services:**

One of the objectives of RCH Project is reduction of maternal mortality. Nearly 30% of the pregnant mothers die due to non-availability of timely emergency Obstetric Care services in the hospitals, prior to the year 2001-02. Another 30% of the mothers died on the way to hospitals because mothers during delivery complications were referred to one institution after another due to non availability of anaesthetists. During the Phase –I of RCHP a scheme was introduced to hire the services of private anaesthetists and obstetricians for providing emergency obstetric care services on payment of honorarium. This has helped in reducing the maternal mortality by 36% from 2001 to 2005. Also, this has increased the number of caesarians performed in the secondary institutions by 70%. Hence it is proposed to continue this scheme in RCHP Phase – II. An amount of Rs.237.01 lakhs has been allotted for this scheme during 2005-2006. The performance of institutions by hiring the private Specialists is given below:

Sl.No.	Details	No. of Beneficiaries
<b>I</b>	<b>Performance of First Referral Unit</b>	
1.	No. of Caesarian done at FRU	4339
2.	No. of Hysterectomy done	375
3.	No. of plain MTP done	262
4.	No. of MTP with Tubectomy done	2394
<b>II</b>	<b>Performance of PHCs</b>	
1.	No. of plain MTP made	1232
2.	No. of MTP with Tubectomy done	1221
3.	Tubectomy done	17492

#### **RTI/STI Clinics:**

RTI/STI clinics were established at 70 PHCs under National Component in RCHP Phase I. The scheme is continued in RCHP Phase II also. The performance under RTI/STI clinic is given below.

No. of clinics conducted	No. of patient attended		No. of patient referred to higher institutions	
	Male	Female	Male	Female
2557	4718	18357	10	49

#### **Civil Works:**

Under National Component an amount of Rs.106.52 lakhs has been incurred towards minor Civil Works carried out in PHCs by the Public Works Department.

#### **Strengthening of outreach services in the rural areas through fixed day approach:**

During Phase I of RCH Project, the scheme of outreach service through fixed day approach was implemented in Madurai and Theni Districts. A dedicated team of Medical and paramedical personnel have been formed in the PHCs to visit the villages as per the annual plan prepared in consultation with the community women groups. Through fixed day outreach visits to the villages the entire reproductive health services were made available at the door steps of people. The elderly people, disabled, women with newborns were benefited more by this programme.

An amount of Rs.123.90 lakh has been allotted for this scheme during 2005-2006.

#### **BEmONC SERVICES (Basic Emergency Obstetric and New born Care Services) :**

The intervention of RCH Phase – I resulted in the decrease of MMR by 36%. There is scope for further reduction which could be achieved by improving the care in the institutions. The introduction of 24 hour delivery care services in the PHCs with 3 staff nurses will increase the number of deliveries in the PHCs, thereby resulting in the shift of the normal delivery load from the secondary and tertiary institutions to PHCs. All PHCs will be made as BEmONC PHC during RCH Phase II project period. One of the feature of BEmONC service is that ISM drugs will be used for ante-natal services. An amount of Rs.1312.54 lakhs allotted for this scheme during 2005-2006.

#### **Establishment of Referral Control rooms in Districts Head Quarters:**

Referral control rooms are being established in each district head quarters in co-ordination with Tamil Nadu Health Systems Project (TNHSP) for timely transportation of pregnant women to higher medical institutions on development of complication during the pregnancy which will help in reducing the maternal mortality considerably. Ambulances with life supporting system and communication equipments are being provided at the rate of one per Block. To start with 187 blocks are being supplied with Ambulances. Reputed NGOs will run the ambulance services. People in need of ambulance services can contact the referral control room through the help line having four digit number teleçone connection. The control room will immediately contact the ambulance driver through mobile phone and arrange for the transportation of the emergency case to the nearest hospital.

Simultaneously the control room will also alert the hospital concerned to be in readiness in receiving the patient and attending them. The people will have the option of choosing institution. An amount of Rs.47.61 lakh allotted in 2005-06 for this scheme.

**Blood Donation Camps:**

Ready availability of blood of all groups in all the blood banks would save many lives. At present, collection of blood is being done during certain special occasions only. The requirement of blood for emergencies is more or less uniform throughout the year whereas the collection of blood is not uniform. Blood donation campaigns are being organized systematically throughout the year in all the districts in collaboration with Government blood banks and Red Cross Society. An amount of Rs.5.45 lakhs allotted for this scheme in 2005-06.

**Mainstreaming of ISM:**

RCH Project which is a major component of National Rural health Mission proposes to revitalize the local health tradition and mainstream ISM in the Health systems. A well designed 13 day training in the concept of ISM and use of ISM drugs is being given to the female field health functionaries of health departments. ISM experts have already identified 50 ISM drugs that are to be supplied to HSCs and these drugs do not contain any heavy metal TAMPCOL would procure and supply ISM drugs. An amount of Rs.1324.83 lakhs allotted towards the procurement of drugs under this scheme.

**Training:**

- An amount of Rs.1.64 lakhs has been provided towards the training to Health functionaries under BEmONC Services in PHCs.
- An amount of Rs.48.53 lakh has been provided towards the training programme to 800 Health Functionaries under Out reach services (use of ISM Drugs in HSCs.)

**Scan Centre Audit:**

To bring down the incidence of female foeticide to negligible level and to prevent the Scan Centres which reveal the sex of the foetus, scan centers are audited regularly and action taken against Scan Centres which reveal the sex of the foetus.. An amount of Rs.4.70 lakh has been allotted towards this scheme during 2005-2006.

**Release of funds under RCH flexi Pool for Family Welfare Services:**

An amount of Rs.1483.97 lakhs has been released in 2005-06 to Directorate of Family Welfare Services under Reproductive and Child Health flexi pool fund for the activities relating to compensation for loss of wages for under going sterilization/IUD insertion scheme (Rs.1452.17 lakhs) and implementation of Non Scalpel Vasectomy camp approach (Rs.31.80 lakhs).

**National Rural Health Mission:**

Government of India launched National Rural Health Mission in April 2005 covering entire country to be implemented for a period of 7 years (2005-2012) having all the central and State Health Programme as its components. The State Health Mission has been constituted with Hon'ble Chief Minister as the Chairman, Hon'ble Health Minister as Co-Chairman and Hon'ble Ministers of health sector related departments as its members. Dist. Health Mission have also been constituted with the Collector of the District as Chairman. As a part of the State Health Mission, Patient Welfare Societies are being formed for community management of public institution viz., PHC., Sub Dist. Hospitals and District Hospitals. The State and District Health Societies have also been formed and registered under the TamilNadu Registration of Societies Act.

**Release of Untied Funds:**

To meet urgent and essential expenditure such as cleaning of sub center, cost of Gas Cylinder, repair to water connection replacement of bulb, cost of disinfectants , a sum of Rs.10,000 per annum is provided to each HSC. Total allotment towards this scheme is Rs.868.20 lakhs.

**STATE PLAN:**

Under State Plan Government has launched Chief Minister's Farmer Security Scheme with effect from 15.8.2005 for providing financial assistance Rs.2000/- to the agricultural labourers, small and marginal farmers and their family members in order to provide social security to them. An amount of Rs. 3197.11 lakhs incurred as expenditure for this scheme.

No. of beneficiaries given below:

Pregnancy (8 <sup>th</sup> month)	Delivery	Abortion	MTP	Total
26059	124381	2042	2448	154930

**BUDGET for the year 2005-2006**

(Rs. in Lakhs)

Sl. No.	Head of Account	BE 05-06				RE 05-06			
		Centrally Sponsored		State		Centrally Sponsored		State	
		Plan	Non Plan	Plan	Non Plan	Plan	Non Plan	Plan	Non Plan
1.	2211-00- Family Welfare – 103 Maternity and Child Health Schemes in the Five Year Plan III Centrally Sponsored SE National Component.	0.09				128.51			
2.	2211-00- Family Welfare – 103 Maternity and Child Health Schemes in the Five Year Plan III Centrally Sponsored SF District/Sub Project RCHP.	0.33				11.46			
3.	2211-00- Family Welfare – 108 Selected area Program (including IPP) Schemes in the X Five Year Plan III Centrally Sponsored SF Implementation of Logistic Development Project under World Bank Assisted India Population Project VIII.	0.01				0.01			
4.	4211 – 00 Capital Outlay on Family Welfare 103 MCH Schemes in the Tenth Five Year Plan III Centrally Sponsored SA National Component – RCHP.	0.01				535.10			
5.	4211 – 00 Capital Outlay on Family Welfare 103 MCH Schemes in the Tenth Five Year Plan III Centrally Sponsored SB District/Sub Project – RCHP.	0.01				0.01			
6.	2211 00 Family Welfare – 003 Training – Schemes in the X Five Year Plan– III Centrally Sponsored - SJ BCC, Training, HMIS, Support to Medical Colleges in RCHP Phase II	1170.45				35.01			

7.	2211 00 Family Welfare – 103 Maternity and Child Health – Schemes in the X Five Year Plan – III Centrally Sponsored – SH Mother Infant and Adolescent Health, Family Welfare and Population Stabilisation in RCHP Phase II	2029.14				4671.26			
8.	2211 00 Family Welfare – 108 Selected Area Program – Schemes in the X Five Year Plan – III Centrally Sponsored – SG Urban Health Services in RCHP Phase II	0.01				0.01			
9.	2211 00 Family Welfare – 109 Reproductive and Child Health – III Centrally sponsored – SA Outreach RCH, RTI/STI Clinics in RCHP Phase II	1302.95				55.23			
10.	2211 00 Family Welfare – 800 Other Expenditure – Schemes in the X Five Year Plan – III Centrally Sponsored – SA Infrastructure strengthening, BMW, PMU in RCHP Phase II	1155.86				123.52			
11.	4211 Capital Outlay on Family Welfare – 00 - Family Welfare – 103 Maternity and Child Health – Schemes in the X Five Year Plan – III Centrally Sponsored – SC Construction and Maintenance of Primary Health Care Institutions in RCHP Phase II	1738.00				0.02			
12	2235 Social Security and Welfare – 60 Other Social Security and Welfare Programmes – 200 Other Programmes – II State Plan – KA Assistance to the female members for delivery of child/miscarriage under Chief Minister’s Farmers Social Security Scheme	0						2000.00	
	<b>Total</b>	<b>7396.86</b>				<b>5560.14</b>		<b>2000.00</b>	

## Chapter – 10

### TAMIL NADU STATE AIDS CONTROL SOCIETY

Tamil Nadu initiated its endeavor to control the HIV-AIDS, in the year 1993, by establishing a State AIDS Project Cell. The cell was reconstituted as Tamil Nadu AIDS Control Society in 1994, which was a landmark in the HIV-AIDS prevention and Control program in the country, as the first AIDS Control Society established in India.

Since then, Tamil Nadu AIDS control Society has (TANSACS) become a role model for the rest of the country in terms of the Society's initiatives and activities in the HIV-AIDS Control Strategies.

The activities that had been recognized as remarkable at the National level are -

- Highest level Community awareness in the country created in the State
- Highest number of individuals availing counselling and testing services as well as care and support facilities in the country.
- Notification of largest number of HIV/AIDS patients in the State.

#### **Activities of Tamil Nadu State AIDS Control Society:**

Strategies and interventions implemented by Tamil Nadu State AIDS Control Society as a part of the National AIDS Control Program:

- Primary prevention and counselling services through Integrated Counselling and Testing Centers
- Blood Safety including Voluntary Blood donation strengthening strategies
- Targeted Intervention Program
- Condom Promotion
- Surveillance and Impact Assessment Studies
- STI/RTI Care services
- Low Cost AIDS care and support for people living with HIV/AIDS (PLHA)
- Provision of Anti Retroviral Therapy (ART)
- Training and Capacity Building of the existing and Additional Service Providers
- Information, Education and Communication
- Linkage with the Other Programs – HIV-TB Coordination, Integration with RCH program
- Intersectoral Collaborations
- Legal and General Counselling Service
- Institutional and infrastructure Strengthening

#### **Performance details:**

##### **Primary prevention and counselling services:**

##### **Integrated Counselling and Testing Centres:**

TANSACS has introduced the concept of integrating all the HIV/AIDS prevention, control and care activities under one roof, for the purpose of offering counselling and testing services for HIV to all patients, clients and visitors attending the Health center. The INTEGRATED COUNSELLING AND TESTING CENTRES (ICTC) aims at removing fear, stigma and

discrimination perceived by the patients, clients and referred attendees. The Integration is an innovative approach that has been widely appreciated by NACO and also at the International convention on HIV/AIDS held in Geneva in April 2006.

**Activities during 2005-2006:**

- ICTC services extended to Taluk Hospitals and all Block Primary Health Centers (PHCs) in the state. The extension had been in concurrence with the approval of new 454 centers by National AIDS Control Organization (NACO).
- The number of ICTCs in the State has increased to 730 of which 75 will be established during the current year.
- The ICT centers prevent the vertical transmission of HIV from infected mother to the child by way of early diagnosis, regular follow up, options to mother regarding elective caesarean, administration of Niverapine tablets to the mother and syrup to the baby and counselling on feeding practices.
- The hospitals provided with funding to improve infrastructure facilities - Every centers provided with vinyl chairs for the waiting clients, TV & DVD to provide information on HIV, enough IEC materials the clients can read and carry with them, table, chairs, fan and cupboard to store the records. Each center is provided with a computer.
- **12,82,842** people accessed ICTC services during the year 2005-2006
- The process of recruiting Counselling Supervisors at District level initiated – the Supervisors will coordinate the work of ICTCs, GFATM NGOs and ensure quality Counselling service provision to the clients and their spouse.

**Blood Safety:**

Tamil Nadu stands second in the nation (next to West Bengal) in voluntary blood donation movement. As a result of continued effort of Government of Tamil Nadu, TANSACS and NGOs, the percentage of voluntary blood donors in the State is well above other States. The target for the Year 2006 –2007 has been fixed to achieve 90% Voluntary Blood Donation.

**Activities:**

- Total blood collection for the year - more than 5,00,000 units both in Govt & Private Blood Banks. (Government – 1,70,000 & Private 3,40,000 units).
- 6 Blood Component Separation units - two at Chennai and one each at Thanjavur, Tirunelveli, Coimbatore and Madurai. The Units are providing various Components of Blood.
- 20 Primary Health Centers identified for establishing Blood Storage Centers- this would enable quality Blood and blood components available to all patients during emergencies.
- Identification of 38 Govt Blood Banks from 65 Maternity Centers/CEMONC Centers, for providing Deep Freezer for FFP Storage.
- Computerization of Voluntary Blood Donor details completed to ensure donor availability during emergency and crisis Management

Status	Under DMR&HS	Under DME	Total
Licensed Government Blood Banks	62	22	84
Private Blood Banks Licensed	-	-	140
Blood Banks Under Central/Quasi Government	-	-	6
Blood Banks under ESI	-	-	2
<b>Total</b>	<b>62</b>	<b>22</b>	<b>232</b>

No of Government Blood Storage Centers	- 32
No of Private Blood Storage Centers	- 27
No of Designated Private Blood Banks	- 49

**Partnership with NGOs to reach High Risk Groups:**

Tamil Nadu has been a pioneer in HIV/AIDS prevention and Control activities in the country to reach the highest awareness level across the population. The Non-Governmental Organisations (NGOs) are involved in HIV/AIDS prevention activities among the High Risk and vulnerable population and focusing their activities towards bringing behavior changes through Targeted Interventions initiating awareness to the grassroots through Peer Education, Outreach Workers and Counsellors.

The Tamil Nadu State AIDS Control Society has so far funded 685 Targeted Intervention NGOs during the past 14 years of its establishment. Presently, 53 Targeted Intervention NGOs located in 22 districts of the State, are being supported for the year 2006-07.

The details are as given below: -

Sl.No.	Targeted Intervention	No. Of NGOs
1.	Commercial Sex Workers	11
2.	Males having Sex with males	03
3.	Intravenous Drug Users	01
4.	Truckers	10
5.	Migrant Workers	12
6.	Industrial Workers	12
7.	Prison Inmates	02
8.	Tribal	02
	<b>Total</b>	<b>53</b>

The main activities of these NGOs are to identify the High Risk Persons, who are mostly hidden in the community, counsel and refer them to the Integrated Counselling and Testing Centers (ICTCs) for testing and to the STD Clinics for treatment, in addition to other services.

Tamil Nadu State AIDS Control Society aims at working towards achieving Zero Prevalence through saturation of coverage among core groups.

**Condom Promotion:**

Condom Promotion is given the top priority for effectively checking the sexual mode of transmission of HIV. Tamil Nadu State AIDS Control Society adopts the following strategies: -

- Distribution of free condoms (Nirodh) to the people through Health Care Institutions, STD Clinics, Outreach camps and also through Non Governmental Organisations.
- Promotion of condom usage and popularization of the concept of safe sex are initiated through awareness and behavioral change communication.
- Promotion of subsidized or low priced condoms among the people in targeted intervention areas and non-intervention areas with the support of the NGOs.
- Social marketing of condoms through Fair Price Shops in the entire state.

**Sentinel Surveillance:**

Sentinel Surveillance is conducted once a year to find out the trend of HIV Infection in the State, which demonstrates to a large extent the impact of interventions.

During the year 2005 sentinel survey was conducted in 96 sites including 8 Testing centers at the Medical Colleges. The sites are allotted to the testing centers according to the geographical areas.

The sites include:

**Sites No:**

- For ANC Mothers (urban) - 29
- For ANC Mothers (FRU) - 30
- For ANC Mothers (Pvt. Nursing home) – 05
- For ANC Mothers (15 to 24 years) – 05
- For STD patients - 11
- For MSM Population - 02
- FOR IVDU - 02
- For FCSW - 11
- For TB patients – 1

The funding for the Sentinel Surveillance, availability of the Consumables at the sites and testing centers, and Supervision and monitoring of the programme are the main responsibilities of TANSACS.

The collected data were submitted to NACO. The data were analysed in the State in concurrence with the National institute of Epidemiology. The analytical report provides valuable information to the scientific community, Policy Makers and the General Public, regarding the status of the epidemic in the State.

**Prevalence of HIV infection (%) in Tamil Nadu**

Year	ANC	STD	MSM	IDU	TB
2000	1.00	16.80	4.00	26.70	
2001	1.13	9.60	2.40	24.56	
2002	0.87	14.70	2.40	33.75	
2003	0.75	9.20	4.40	63.81	
2004	0.65	8.40	6.80	39.92	6.90
2005	0.50	9.20	6.40	18.00	6.25

**External Quality Assurance Scheme (EQAS):**

In order to ensure the quality of the Laboratory services EXTERNAL QUALITY ASSURANCE strategy is implemented once in a year for all the Laboratories involved in the HIV Testing. MMC Chennai, as the NRL (National Reference Laboratory), conducts the programme. During 2005-06, EQAS had been conducted in 271 Laboratories placed in the VCTC/Blood Bank, PPTCT & ICTCs of Private and Government hospitals and Medical Colleges.

Total Cost of the Programme implementation - **Rs.4.5 lakhs** per Medical College implementing the Programme.

The Activities include –

- Training for doctors & Lab.Technician,
- Collection of the blood samples, testing, and forwarding the result to NRL. For assessing the quality of the result by NRL
- Supervision by TANSACS

**Sexually Transmitted Diseases / Reproductive Tract Infection (STD/RTI):**

Sexually Transmitted Disease (STD) is a major risk factor for HIV/AIDS. One of the major strategies for prevention of HIV/AIDS is control of STI/RTI in general population.

In the year 2005-2006, NACO has approved 43 new STD Clinics in addition to the existing 57 STD Clinics all over Tamil Nadu. The process of strengthening 100 STD clinics in the State is going on.

**Steps taken:**

- Support for strengthening all the STD Clinics in Tamil Nadu, through provision of infrastructure facilities, equipments, drugs and consumables
- Capacity building of Medical Officers and Paramedical staffs through Training
- Periodic counselling and orientation training programme to encourage attitudinal changes among the Medical and Para - Medical Staff in the STD Clinics
- Appointment of Doctors under the Targetted Intervention NGO component on contract basis in STD clinics –
  - 16 doctors have been appointed on contract basis
  - 26 more doctors have been selected on contract basis awaiting appointment.
- Training of the IMA/Private Practitioners in STI/RTI

**Fund Utilisation:**

Year	From DM&RHS	From DME	Purpose	Utilised through	Further Plan
2005-2006	Rs.3,50,000	Rs.20,00,000	For procuring STD Drugs	TNMSC	
2006-2007		Rs.20,00,000	For procuring STD Drugs	TNMSC	Action Taken to request Rs.51,65,000 from DM&RHS for procuring STD Drugs

**Family Health Awareness Campaign:**

The Family Health Awareness Campaign (FHAC) is an important strategy to identify and treat Sexually Transmitted Diseases among general public. FHAC is being conducted by TANSACS regularly on yearly basis through out Tamil Nadu for the reproductive age group of 15 to 49 for a period of 15 days since 1999.

5<sup>th</sup> round of FHAC was conducted during the year 2005, from 14 November 2005 to 28 November 2005.

Patient treatment cards are being maintained at DDHS level for all attendees. In total 12,82,849 cards are being maintained.

Details of Male/Female personnel who attend the Campaign: -

1. No. Of Male attendance - 4,18,010
2. No. Of Female attendance - 8,64,839

**Total attendance - 12,82,849**

**Care and Support:**

The PLHAs have a variety of needs and problems that relate to their HIV status. These can be broadly divided into Medical, Psychological and Social Welfare needs. Ministry of Health, Govt of Tamil Nadu and TANSACS have a crucial role in coordinating a response and formulating appropriate HIV policies. It is envisaged to have continuum of care across comprehensive health care through Community Care Centers, which would be a part of such care for PLHAs. This would be a solution to augment the efforts of Health Care Services.

**Steps taken:**

- It is the responsibility of the Govt of Tamil Nadu and TANSACS to ensure that all the HIV/AIDS patients are treated in OP/IP in all the Government Medical College Hospitals, District Head Quarters Hospitals and Taluk Hospitals.
- Community care center:
  - **23** Community Care Centers are functioning in the State.
  - **2** TB Sanatorium have been converted as Community Care Centers
  - **1** Leprosy Center has been converted as Community Care Center.

An amount of Rs.2, 47,54,400 was utilised for the Community Care Centers in the year 2005-06.

- **Positive networks:**

- **11499** (from Jan. to Oct.2005) PLHAs have benefited so far and it is envisaged that in future more number of PLHAs and children would be benefited with the support of this programme. More persons will lead a long productive life and more job opportunities will be created in Community Care centers. Children are expected to become physically and psychologically more healthier.
- **7** Positive Net works are being supported by TANSACS.

An amount of Rs.29,40,800 was released to the Positive Net works for the year 2005-06.

- **Government Hospital For Thoracic Medicine:**

- Government Hospital for Thoracic Medicine, Tambaram is treating more than 300 to 400 HIV infected patients as out-patients per day and more than 400 cases in 8 wards (5 Male Wards, 2 Female Wards and 1 Children Ward).
- Special Nutritious Diet for the patients is being provided.
- RAN Therapy (Siddha Drugs) is being given for the treatment of HIV/AIDS patients in addition to Opportunistic Infection Drugs at GHTM, Tambaram.
- Sufficient funds have been provided to treat the HIV/AIDS patients in the wards for the year 2005-2006.
- Around Rs.130.00 Lakhs have been released to GHTM Tambaram for purchase of Siddha drugs for the year 2005-2006
- Funds have been released under salary component for the following Medical /Para Medical Staffs employed at GHTM Tambaram on consolidated pay to look after the HIV/AIDS patients getting treatment, as: -

Ser No	Name of the Institution	Medical/Para Medical Staffs employed	No of staff employed to look after the AIDS Wards	Remarks
1.	GHTM, Tambaram	Allopathic Doctors	Two	Appointed through Hope Foundation
2.	-Do-	Siddha Doctors	Two	Appointed directly at GHTM Tambaram
3.	-Do-	Siddha Pharmacist	Two	Hope Foundation
4.	-Do-	Lab Technician	Two	GHTM Tambaram
5.	-Do-	Computer Operator	One	GHTM Tambaram

**Provision of Anti Retroviral Therapy (ART):**

The prevalence of HIV in Tamil Nadu is around 0.50% among antenatal mothers. The number of PLHA in the State is estimated to be around 3.20 lakhs.

HIV is a chronic illness. Though it cannot be cured, drugs are available to prolong the life span of an individual infected with HIV.

Effective management of OI, appropriate and timely initiation of OI prophylaxis, good nutrition, and hygienic measures in PLHAs with a higher CD4 count could delay the disease progression and also postpone the requirement of ART.

The goals of giving ART are:

- To achieve a sustained viral load suppression
- To reconstitute the immune system and improve the CD4 cell count
- To reduce the occurrence of Opportunistic Illness and decrease hospitalization
- To improve quality of life
- To prolong the life span of an individual and send them back to work

At any point of time the expected number of PLHAs requiring ART is around 34, 000.

A minimum of 3 drug combinations have to be taken only on the prescription of a physician trained or qualified in ART. It is available free of cost in ART centers viz. Govt. Medical College Hospitals at Chennai (Govt. General Hospital and Kilpauk Medical College, Chennai) Coimbatore, Vellore, Salem, Trichy, Tanjavur, Madurai, Theni, Thirunelveli, and Kanyakumari), Govt. Hospital for Thoracic Medicine at Tambaram and Namakkal District headquarters Hospital.

TANSACS is implementing strategies in the Govt. and private sector for identification of more number of PLHAs and eventually link them to the States' care and support system.

Moreover, the ART centers provide care and treatment for opportunistic infection, counselling for individual and family, and, nutritional counselling to the PLHA.

As on 30.6.2006, about 25,000 patients have been registered for HIV care in the ART centers and 10065 patients are provided free ARV drugs.

**Training:**

On going Training programmes are conducted by TANSACS throughout the year for capacity building of Medical, Paramedical, non-medical staff of Medical Colleges, District Head Quarters Hospitals, Government Hospitals, PHCs, as well as Private and Public Sectors.

The main objective of the training program is –

- Capacity building of the Health Service Providers, NGOs, SHG Peer Educators, RRC Officers and its members
- Dissemination of Information and Knowledge to the target groups on - Blood Safety, Continuum of Care, ART Delivery, STI/RTI, HIV-TB, Laboratory Procedures, Counselling techniques
- Training service providers of other departments through Intersectoral Collaboration.

**Information, Education and Communication:**

TANSACS has been implementing multi-pronged Communication strategies to address women, high-risk groups, health care providers as well as the general community. Activities have been focused mainly to reach the youth groups and school going adolescents.

Presently the Communication Strategy is focused on creating specific interpersonal communication initiatives to disseminate appropriate information aiming at behavioral changes.

The multi pronged strategy of Communication has been followed by TANSACS where implemented multimedia campaigns, advocacy programmers, and Social mobilization activities have been implemented. Electronic Media, Print Media, Outdoor Publicity activities, Mutisectoral / Media Campaigns, Folk Art Campaigns and Awareness Rallies have been utilised to reach the community.

### IEC activities in 2005-2006:

- ⌘ Publication of IEC materials in simple language with captive messages in the form of posters, handbills, banners, stickers, cinema slides, audio and video commercials.
- ⌘ Reflective stickers in rear glass of 300 buses of the State Transport Corporation.
- ⌘ Folk art campaigns utilising traditional forms of theatre and cultural performances implemented in 5 districts to the border districts in the State, with special effort to reach rural population.
- ⌘ HIV/AIDS Awareness campaign organized among Aravanis during Koovagam festival
- ⌘ Exhibition stalls and information posters during the key festivals like Gurupeiyarchi festival at Alangudi, Chitrai festival at Madurai and the Velankanni Church festival at Velankanni targeted the High risk and General community, and reached more than 4 lakh people.
- ⌘ 100 Carom boards and 100 Chess boards carrying HIV/AIDS awareness messages given to the Nehru Yuva Kendra as an effective communication tool to spread awareness among the youth.
- ⌘ Comprehensive message on HIV/AIDS and poster with a pledge card disseminated to all the Panchayats. This was well appreciated. 200 Pamphlets containing information on various themes related to HIV/AIDS sent on monthly basis to each of the 13,614 Panchayats in the State for distribution to the Community.
- ⌘ **'Challenge 2005'** - an Inter School State Level AIDS Awareness competition sponsored by TANSACS, for school students. 2,50,000 students from VI to XII Std. Participated in the competitions of English and Tamil Essay writing and Quiz programmes. TANSACS has received a World Record Certificate for organising the World's Largest HIV/AIDS awareness
- ⌘ World AIDS Day was observed on 01.12.2005 on the theme of "Stop AIDS Keep the promise", Blood Donation Day was observed on 1.10.2005 to increase awareness on the Blood safety by honouring Voluntary Blood Donors, and International Candle Light Memorial Day 2005 was observed in memory of people who died of HIV/AIDS
- ⌘ Sensitisation of Out of School Youth and Formation of Red Ribbon Clubs through State Resource Center in 5 districts of Tamilnadu covering more than 5 lakhs of youth in Tamil Nadu. 681 Red Ribbon Clubs have been established in Arts, Science, Engineering Colleges and Polytechnics throughout the State.
- ⌘ On going Sensitization/ Training programme to cover 1,50,000 Self Help Groups consisting of about 50 lakhs of SHG women in Tamil Nadu.
- ⌘ Implementation of School AIDS Education Programme (SAEP) through the Directorate of Technical Education Research and Training (DTERT) to reach adolescent population. The programme has achieved 100% coverage in all Govt. schools and reaching the Private schools with a target to cover 9,244 schools
- ⌘ TANSACS publications: -
  - **'Point to Point'** – a newsletter specifically for lorry drivers in Tamil
  - **'Nambikkai Oli'** – a magazine with health information in Tamil.
  - **'Counsellors digest'** – a newsletter with latest updates in the field of HIV/AIDS in Tamil and English.

### Linkage with the Other Programs:

#### HIV-TB Coordination:

The basic purpose of HIV-TB coordination is to ensure synergy between the two programmes for the prevention and control of both diseases. Key areas include:

1. Sensitisation and training of the Policy makers and Health Service Providers in HIV-TB issues at the State and District level.
2. Service delivery coordination between the Revised National TB Control Programme (RNTCP) and National AIDS Control Programme (NACP).

3. Sensitisation and involvement of NGOs and private practitioners who are involved in both programmes to ensure community reach.
4. Infection control measures to prevent spread of TB & HIV in Hospitals settings.
5. Joint efforts at IEC by both the programmes.
6. Monitoring and Evaluation at District and State level to assess the coordination between both these programmes.

More than **4000** HIV-TB Co-infected patients have been diagnosed through cross referral between the ICTC-RNTCP, and put on Directly Observed Treatment (DOT) regimen under RNTCP.

ART for about **1500** HIV infected TB patients being ensured through linkage between the ART Center and RNTCP.

#### **Convergence with RCH program:**

RCH and HIV convergence would substantially reduce the missed opportunities, reduce the inequity, enhance the coverage, improve the quality of care with a view to achieve the RCH and HIV goals by 2010.

#### **Steps taken towards convergence:**

- Formation of consortium of stake holders
- Formation of technical working group with TANSACS, UNICEF, FHI, RCH, DPH, TNVHA & SATHII
- Mapping potential opportunities in HIV & RCH programme
- Preparation of model district plans

#### **Intersectoral Collaboration:**

Inter-Sectoral Collaboration established with all departments like Education, Social Welfare, and Local Panchayat elected Representatives

#### **Financial Performance –2005-2006:**

The Grant-in-aid received from National AIDS Control Organisation, Ministry of Health & Family Welfare and the expenditure incurred are given below:

#### **Grant-in-aid Received and Expenditure incurred**

<b>Year</b>	<b>Budget Approved (Rs. in Lakhs)</b>	<b>Grant in aid received (Rs. in Lakhs)</b>	<b>Expenditure incurred (Rs. in Lakhs)</b>
1995 - 96	650.00	577.44	731.55
1996 - 97	1743.94	2110.00	1329.34
1997 - 98	2000.00	1700.00	1672.90
1998 - 99	1595.13	1100.00	1383.89
1999 - 2000	1571.99	885.57	1408.27
2000 - 2001	1000.00	1027.00	771.75
2001 - 2002	1300.88	1480.65	1624.26
2002 - 2003	1500.67	1295.50	1349.15
2003 - 2004	1708.35	1225.00	1215.28
2004 - 2005	2,037.02	1800.00	1818.01
2005 – 2006	4,565.02	2,987.00	3,363.03

## CHAPTER –11

### TAMIL NADU STATE BLINDNESS CONTROL SOCIETY

Government of India launched the National Programme for Control of Blindness in 1996 as 100% centrally sponsored scheme with the goal of reducing the prevalence of blindness. On 01.04.1996, Tamil Nadu State Blindness Control Society was formed as a separate entity, to give thrust to the goal by planning, execution and monitoring at the District level. Every district in the State has one District Blindness Control Society (DBCS) to govern the activities of the National Programme for Control of Blindness. The District Collector is the Chairman of the DBCS concerned. The cataract, being the major cause for the avoidable blindness, was given importance and various infrastructural facilities like base eye wards, dark rooms etc. have been built till 2002 and are now in use. Under this programme the society was funded by World Bank upto 30.06.2002, through Union Government. From 01.07.2002 onwards, the finance is from the Central Government.

#### Performance for 2005-2006:

##### (i) Physical:

The Government of India every year fixes target, for cataract operations, School eye screening and collection of donated eyes to the State of Tamil Nadu. This society, in turn demarcates the target among the 30 DBCSs in the State. The Secretary to Government, Health & Family Welfare Department, reviews the achievements and the problems hindering the target to the end of each quarter.

The physical target and achievement for the year 2005-2006 is as below.

SI	No	Particulars	Target	Achievement	% in Achievement
1		<b>Cataract operations</b>	<b>480000</b>	<b>494188</b>	<b>103%</b>
	(i)	Implantation of IOL	432000	484056	112%
	(ii)	Women beneficiary	264000	242756	91%
	(iii)	Surgery on bilaterally blind	240000	66594	27%
	(iv)	SC/ST/Below Poverty line beneficiaries	240000	275303	115%
2		<b>School Screening</b>			
		<b>School children screened</b>	<b>2100000</b>	<b>2585663</b>	<b>123%</b>
	(i)	Children with refractive errors	147000	88058	60%
	(ii)	Free spectacles to poor children	44100	43130	98%
3		Eye Donation	6500	6920	106%

##### Manpower Training:

21 Ophthalmic Surgeons from various Government Hospitals were trained in IOL implantation and Small Incision Cataract Surgery techniques during 2005-2006 at Regional Institute of Ophthalmology & Government Ophthalmic Hospital, Chennai-8. 12 nurses have been given training in Assistance in Ophthalmic operation and Ophthalmic service in Government Medical College Hospitals. Further 21 Para Medical Ophthalmic Assistants (PMOAs) have been given refresher training in Government Medical College Hospitals.

**(ii) Financial:**

On the financial side, there is no prescribed target as such. The Government of India release Grant-in-aid to compensate NGOs – at a prescribed rate per operation. The rate with effect from 01.10.2004 is 750/- per case, which is identified component-wise. The NGOs, based on the actual case reported, are paid compensation from the District Blindness Control Societies. The District Collector is the Chairman who releases the Grant-in-aid to the NGOs for the eye care activities performed by them.

The details of financial aid and expenditure for the year 2005-2006 are as follows:-

( Rs. in Lakhs)

Sl. No	Details	DBCS	State	Total
(1)	Total sum released during the financial year 2005-2006 by the Central Government	1426.54	75.00	1501.54
(2)	Total expenditure incurred by the DBCS towards NGOs compensation, conduct of free eye camp etc.	1422.04	76.12	1498.16

## CHAPTER - 12

### TAMIL NADU MEDICAL SERVICES CORPORATION LIMITED

#### Organisation:

The Tamil Nadu Medical Services Corporation Limited, incorporated on 01.07.1994 under the Companies Act 1956, has grown in its functional importance and stature over the last 12 years. It is now an ISO 9001:2000 Certified Organization. The activities of the Corporation have expanded from the procurement and supply of drugs to the medical institutions, to providing diagnostic facilities, procurement, storage and supply of drugs to the Veterinary Department, procurement and supply of high value equipments to the various medical institutions in the State, and maintenance of Pay Ward & medical equipments.

#### Purchase of Drugs and Medicines:

During the year 2005-06, TNMSC has purchased drugs and medicines worth of Rs.136.75 Crores through transparent and open tender process. The availability of drugs for the distribution to the various Government medical institutions through the warehouses in the State is ensured by closely monitoring the stock position and the procurement process. The stock position in all the warehouses at any point of time is available on the website and in TNMSC Head Office which can be easily accessed by the medical institutions.

The details of purchase and distribution of drugs and medicines during the year 2004-2005 and 2005-2006 are given below:

(Rs. in Crores)			
Sl. No.	Particulars	2004-2005	2005-2006
I	Purchase	129.87	136.75
II	Distribution	121.53	145.13

#### Storage:

The Corporation has scientifically designed and constructed 23 Drug warehouses at District Headquarters in the state for quick movement of the drugs to the medical institutions. The construction of a Drug Warehouse at Sivaganga is nearing completion and construction of a Drug Warehouse at Theni District is in progress.

#### Distribution:

The medical institutions are provided with passbooks for drawal of medicines, surgical and suture items on the basis of the financial allocation made by their respective Head of the Departments from the warehouses to which they are attached.

#### Quality Control:

The Corporation ensures distribution of quality medicines to the Government medical institutions by rigorous quality testing process in reputed analytical laboratories empanelled through open tender system. The samples from each batch of supply is drawn and sent to the approved laboratories after codification. Only the drugs, which pass the quality test are issued to the hospitals.

**Computerization:**

The success of the Tamil Nadu Medical Services Corporation Limited is mainly due to the well designed Computer Network System. The Tamil Nadu Medical Services Corporation Limited has established a well knit Computer Network with all the Warehouses. The information from Warehouses are transferred to the Head Office daily. This has enabled the Corporation to have full control over the stocks available at different Warehouses and also to make available the required medicines to the needy warehouse from the warehouse where it is in surplus. Daily monitoring of the stock position is done at the Head Office, by which, action is taken either to transfer the surplus drugs to the needy Warehouses or place further purchase orders to replenish the depleting stock. The Computer Hardwares have been upgraded with higher configuration and models. The softwares have also been upgraded from FoxPro to ORACLE for handling high volume of data.

**Advanced Diagnostic facilities:**

The Corporation apart from its normal functioning of procurement and supply of drugs has expanded its activities by providing advanced diagnostic facilities to the public at effective, economically viable lowest minimum nominal charges. The Corporation is maintaining 2 MRI Scan Centres one each at Government General Hospital, Chennai and Government Rajaji Hospital, Madurai and nominal charges are collected from the public for Scanning.

The Corporation is maintaining 40 CT Scanners at 37 Centres in Government Hospitals and thereby at least 1 CT Scanner is available in each District to serve the public. The Corporation is charging nominally for scanning.

**Special Wards :****(i) GI Bleed and Hepato Biliary Centre; Government Stanley Hospital, Chennai – 1:**

ISO 9001 certified GI Bleed and Hepato Biliary Centre (special ward) maintained by TNMSC is functioning as a separate unit under the Surgical Gastroenterology Department in Government Stanley Hospital, Chennai. Necessary additional infrastructure facilities are provided by TNMSC out of the funds generated by the Centre.

**(ii) Institute of Obstetrics and Gynaecology, Chennai – 8:**

TNMSC is maintaining a Paying Maternity Ward in Institute of Obstetrics & Gynaecology and Government Hospital for Women and Children, Egmore, Chennai on a nominal fee fixed by the Government.

**(III) Government Kasturba Gandhi Hospital for Women and Children, Chennai – 5:**

Infrastructure facilities to establish a Paying Special Class Maternity Ward have been provided by TNMSC on the Government directions and have commenced functioning on 03.05.2004.

**Maintenance of Equipments at various Government Medical Institutions / Hospitals:**

As per the directions of the Govt., TNMSC maintains various Medical Equipments / Instruments at the Government Medical Hospitals / Institutions.

**Consultancy Services:**

TNMSC is a brand name in Drug Logistics and Warehousing for the whole country. Many States in the country are emulating the principles followed by this corporation. TNMSC has taken up and completed the consultancy work for the Health & Family Welfare Department, Government of Andhra Pradesh and Rajasthan.

**Tamil Nadu Health Website:**

The Government of Tamil Nadu has launched a Web site “www.tnhealth.org.” which provides all information regarding various health activities under the Health and Family Welfare Department. The Website also provides Health chat between 4.00 p.m. to 6.00 p.m. daily. The site also has a Bulletin Board where public can access the Medical Specialists for getting expert opinion. TNMSC maintains the Website.

**Other Activities:**

- a) Government of Tamil Nadu permitted TNMSC to procure and supply the required Medicine Kits for the willing States under National Rural Health Mission and for National AIDS Control Organisation, Government of India.
- b) TNMSC has been appointed as procurement agency for equipments for Tamil Nadu Health Systems Project aided by World Bank. TNMSC is acting as procurement agency for procurement of testing kits, blood bank consumables etc. for Tamil Nadu State AIDS Control Society.
- c) The Corporation is also serving other institutions like TNEB dispensaries, Municipal and Corporation dispensaries, Panchayat union dispensaries, Prison and Police Medical Hospitals, Juvenile Homes, Rehabilitation Homes, Co-operative Sugar Factories, Veterinary Institutions, Transport Corporation Dispensaries etc.

## CHAPTER - 13

### TAMILNADU STATE HEALTH TRANSPORT DEPARTMENT

Tamil Nadu State Health Transport Department was formed in 1981 as a separate Directorate for attending the repairs/maintenance and servicing of Motor vehicles under the administrative control of the Health and Family Welfare Department. The above patterns of works are got executed by the Departmental Workshops namely 7 Regional Workshops, 9 District Headquarters workshops and 27 Mobile Maintenance Units.

#### Sanctioned Staff Strength:

Sl. No	Name of the post	Sanctioned posts as on 30.6.06
1	Director	1
2	Deputy Director (Technical)	1
3	Deputy Director (Administration)	1
4	Accounts officer	1
5	Automobile Engineer	1
6	Technical Officer	1
7	Material Manager	1
8	Workshop Superintendent	7
9	Assistant Accounts Officer	7
10	Assistant Engineer	9
11	General Foreman	10
12	Ministerial Staff	87
13	Technical Staff	448
14	Office Assistant, Sweeper and Watchman	94
	<b>TOTAL</b>	<b>669</b>

#### Details of Workshops:

Head Quarters of 7 Regional Workshops.	Headquarters of 9 District Workshops.	Headquarters of 27 Mobile Maintenance Units.
1. Chennai	Chengalpattu	Chennai (S) Chennai (N) Chengalpattu Kancheepuram Tiruvellore
2. Vellore	Villupuram	Vellore Cuddalore Villupuram Tiruvannamalai
3. Salem	Dharmapuri	Salem Dharmapuri.
4. Coimbatore	Udhagamandalam Erode	Tiruppur Erode Udhagamandalam
5. Tiruchirappalli	Thanjavur Pudukkottai	Tiruchirappalli, Thanjavur Perambalur Nagappattinam.
6. Madurai	Virudhunagar	Madurai Theni Ramnad Sivaganga Dindigul
7. Tirunelveli	Nagercoil	Tirunelveli Sankarankoil Nagercoil. Tuticorin

The year wise figures of jobs attended are given below:

Sl. No.	Year	Jobs attended
1.	2001-02	12,940
2.	2002-03	13,559
3.	2003-04	13,859
4.	2004-05	14,768
5.	2005-06	15,529

Fleet utilisation has been improved to 96%.

Directorate-wise fleet strength maintained by this department is given hereunder (as on 30.5.06):

Sl. No	DIRECTORATE	NO. OF VEHICLES
1.	PUBLIC HEALTH AND PREVENTIVE MEDICINE	1098
2.	MEDICAL AND RURAL HEALTH SERVICES	581
3.	FAMILY WELFARE	641
4.	MEDICAL EDUCATION	266
5.	TAMIL NADU STATE HEALTH TRANSPORT	54
6.	INDIAN MEDICINE AND HOMOEOPATHY	10
7.	REPRODUCTIVE AND CHILD HEALTH PROJECT	9
8.	DRUGS CONTROL	3
	<b>TOTAL</b>	<b>2662</b>