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Chapter - 1

INTRODUCTION

1.1 Government of Tamil Nadu is committed to building a healthy society, not only by making available quality medicare facilities to everyone in the State, but also by providing medical facilities of the highest order, keeping pace with rapid technological developments in the field of medicine. Government of Tamil Nadu provides preventive and curative care to all through various Hospitals, Dispensaries, and Institutions.

1.2 Due to the implementation of several landmark initiatives **launched by Hon'ble Chief Minister over the years**, the State has been able to show substantive progress in Health Outcomes. The current Infant Mortality Rate of the State is 21 (Sample Registration System 2012), which is well below the national target of 30 per 1000 live births. Against the national target of 100 per lakh live births for the Maternal Mortality Ratio, the State had already achieved a Maternal Mortality Ratio of 90 as per Sample Registration System 2010-2012. Now, as per the State Health Management Information System data collected in 2013-2014, this has gone down further to 68 per lakh live births. The State has also achieved replacement level and the current Total Fertility Rate is 1.7 which is the lowest in the country. The Union Planning Commission and many independent review missions have commended the performance of the State in the Health sector.

1.3 The Health and Family Welfare Department has more than a lakh of employees who are working in various Directorates, as detailed below:

Sl. No.	Name of the Organisation	No. of posts sanctioned
1.	Directorate of Public Health and Preventive Medicine	41,483
2.	Directorate of Medical Education	33,940
3.	Directorate of Medical and Rural Health Services	24,412
4.	Commissionerate of Indian Medicine and Homoeopathy	3,717
5.	Directorate of Family Welfare	3,452
6.	Directorate of Food Safety and Drugs Administration	1,409
7.	Tamil Nadu State Health Transport Department	669
8.	Medical Service Recruitment Board	21
	TOTAL	1,09,103

1.4 Apart from this, under the Labour and Employment department, in the Directorate of Medical and Rural Health Services (Employees State Insurance Scheme) 5018 health staffs are deputed. Additionally, the department also implements various missions, projects and programmes having the following positions, of which some are on deputation and others which will continue till the programmes and the projects are under implementation.

1.	Tamil Nadu State AIDS Control Society	2,726
2.	Tamil Nadu State Health Society	693
3.	Tamil Nadu Medical Services Corporation	641
4.	Tamil Nadu Health Systems Project	94

1.5 The department also implements many other programmes which have been described in detail in the policy note. The State is committed to ensuring "Health for all". The following chapters in the document give details of the performance in the various Directorates and Programmes functioning within the Health department.

Chapter - 2

MEDICAL EDUCATION

2.1 The Directorate of Medical Education is managing the Medical Colleges and Teaching Institutions and hospitals attached to them. The Department has a twin role of ensuring effective and accessible tertiary care for treatment of diseases and provision of health services and also creating adequate human resources for this sector. The Director of Medical Education is the head of department.

2.2 The directorate has 19 Medical colleges, a dental college and a Super Specialty Hospital under it, in addition to the Hospitals and dispensaries attached to the various Medical Colleges. Brief details of the hospitals attached to the Medical Colleges are given below.

Sl. No.	Medical College to which attached		Name of the Hospitals
1	Madras Medical College, Chennai	1	Government General Hospital, Chennai Dispensaries attached (i) Secretariat Dispensary, Chennai (ii) Government MLA Hostel Dispensary, Chennai (iii) Raj Bhavan Dispensary, Guindy, Chennai (iv) High Court Dispensary, Chennai
		2	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai
		3	Institute of Social Obstetrics and Government Kasturba Gandhi Hospital for Women and Children, Chennai
		4	Institute of Obstetrics and Gynecology and Government Hospital for Women and Children, Chennai
		5	Government Institute of Rehabilitation Medicine, K.K. Nagar ,Chennai
		6	Institute of Child Health and Hospital for Children, Chennai
		7	Institute of Thoracic Medicine, Chetpet, Chennai
		8	Institute of Mental Health, Chennai

2	Stanley Medical College, Chennai	9	Government Stanley Hospital, Chennai (including Government Peripheral, Tondiarpet, Chennai)
		10	Government RSRM Lying in Hospital, Chennai
		11	Government Hospital for Thoracic Medicine, Tambaram, Chennai
3	Kilpauk Medical College, Chennai	12	Government Kilpauk Medical College Hospital, Chennai (including Peripheral Hospital, Anna Nagar)
		13	Government Tiruvotteeswarar Hospital for Thoracic Medicine, Chennai
		14	Government Royapettah Hospital, Chennai-14 (including Government Peripheral Hospital, K.K. Nagar)
4	Chengalpattu Medical College, Chengalpattu	15	Government Chengalpattu Medical College Hospital, Chengalpattu
5	Thanjavur Medical College, Thanjavur	16	Government Thanjavur Medical College Hospital, Thanjavur
		17	Government Raja Mirasdar Hospital, Thanjavur
6	Madurai Medical College, Madurai	18	Government Rajaji Hospital, Madurai (including) i) Government Hospital, Balarangapuram, Madurai (ii) Government Infectious Disease Hospital, Thoppur, Madurai (iii) Government Cholera Collection Centre, Thoppur, Madurai (iv) Government Hospital for Thoracic Medicine, Thoppur, Madurai
7	Tirunelveli Medical College, Tirunelveli	19	Government Tirunelveli Medical College Hospital, Tirunelveli Including (i) PA. Ramaswamy Memorial Government Hospital, Kandigaiperi Tirunelveli
8.	Coimbatore Medical College, Coimbatore	20	Government Coimbatore Medical College Hospital, Coimbatore
9	Government Mohan Kumaramangalam Medical College, Salem	21	Government Mohan Kumaramangalam Medical College Hospital, Salem

10	K.A.P. Viswanatham Govt. Medical College, Tiruchirapalli	22	Mahatma Gandhi Memorial Government Hospital, Tiruchirapalli(including) (i)Government College of Physiotherapy, Tiruchirapalli. (ii) Government Rajaji T.B.Hospital, Tiruchirapalli.
11	Thoothukudi Medical College, Thoothukudi	23	Thoothukudi Medical College Hospital, Thoothukudi
12	Vellore Medical College, Vellore	24	Government Vellore Medical College Hospital, Vellore
13	Kanyakumari Medical College, Kanyakumari	25	Government Kanyakumari Medical College Hospital, Kanyakumari
14	Theni Medical College, Theni	26	Government Theni Medical College Hospital, Theni
15	Government Dharmapuri Medical College, Dharmapuri	27	Government Dharmapuri Medical College Hospital, Dharmapuri
16	Government Villupuram Medical College, Villupuram	28	Government Villupuram Medical College Hospital, Villupuram
17	Government Thiruvarur Medical College, Thiruvarur.	29	Government Thiruvarur Medical College Hospital, Thiruvarur
18	Government Thiruvannamalai Medical College, Thiruvannamalai	30	Government Thiruvannamalai Medical College Hospital, Thiruvannamalai
19	Government Sivagangai Medical College, Sivagangai	31	Government Sivagangai Medical College Hospital, Sivagangai
20	Tamil Nadu Government Dental College, Chennai	32	Tamil Nadu Government Dental College and Hospital, Chennai
21	Government Arignar Anna Memorial Cancer Institute, Kancheepuram	33	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram
		34	Tamil Nadu Government Multi Super Speciality Hospital at Omandurar Government Estate, Chennai
		35	King Institute of Preventive Medicine, Guindy, Chennai

2.3 Number of Seats available in Under Graduate Degree, Diploma courses in the directorate may be seen from the following table.

Sl. No.	Name of the Institution	MBBS	BDS	B. Pharm	DGO	DLO	DO	DMRT	DMRD	DA
1	Madras Medical College, Chennai.	250	-	60	38	24	18	8	8	15
2	Stanley Medical College, Chennai.	250	-		12	2	2	-	4	12
3	Kilpauk Medical College, Chennai.	150	-		3	2	-	-	-	4
4	Chengalpattu Medical College, Changanpattu	100	-		-		-	-	-	-
5	Madurai Medical College, Madurai.	155	-	60	16	5	12	-	11	20
6	Thanjavur Medical College, Thanjavur.	150	-		3	4	-	-	1	4
7	Coimbatore Medical College, Coimbatore.	150	-		3	-	1	-	-	3
8	Govt. Mohan Kumaramangalam Medical College, Salem.	100	-		-		-	-	-	-
9	Tirunelveli Medical College, Tirunelveli.	150	-		-		-	-	-	-
10	Thoothukudi Medical College, Thoothukudi	150	-		-		-	-	-	-
11	K.A.P.Viswanatham Medical College, Tiruchirapalli.	150	-		-		-	-	-	-
12	Kanyakumari Medical College, Kanyakumari	100	-				-	-	-	-
13	Vellore Medical College Vellore	100	-		-		-	-	-	-
14	Theni Medical College Theni	100	-		-		-	-	-	-
15	Dharmapuri Medical College, Dharmapuri	100	-		-	-	-	-	-	-
16	Villupuram Medical College, Villupuram.	100	-		-	-	-	-	-	-
17	Thiruvarur Medical College, Thiruvarur.	100	-		-	-	-	-	-	-
18	Sivagangai Medical College, Sivagangai.	100	-		-	-	-	-	-	-
19	Thiruvannamalai Medical College, Thiruvannamalai	100								
20	Tamil Nadu Govt.Dental College and Hospital, Chennai	-	100		--	-	--	--	-	--
	TOTAL	2555	100	120	75	37	33	8	24	58

2.4 Number of Seats available in the Post Graduate diploma courses in the directorate may be seen from the following table.

Sl. No.	Name of the Institution	D. Ortho	DCH	DTCD	DDVL	DCP	DPH	DIPM	DPM	DIP in Diabetology
1	Madras Medical College, Chennai.	8	35	11	20	8	10	3	8	3
2	Stanley Medical College, Chennai.	4	12	-	2	4	-	-		-
3	Kilpauk Medical College, Chennai.	1	4	-	-	-	-	-	-	-
4	Chengalpattu Medical College, Changalpattu	-	-	-	-	-	-	-	-	-
5	Madurai Medical College, Madurai.	6	11	-	1	-	-	-	2	-
6	Thanjavur Medical College, Thanjavur.	3	2	2	2	-	-	-	2	-
7	Coimbatore Medical College, Coimbatore.	-	4	-	-	-	-	-	-	-
8	Govt. Mohan Kumaramangalam Medical College, Salem.	-	-	-	-	-	-	-	-	-
9	Tirunelveli Medical College, Tirunelveli.	-	-	-	-	-	-	-	-	-
10	Thoothukudi Medical College, Thoothukudi	-	-	-	-	-	-	-	-	-
11	K.A.P.Viswanatham Medical College, Tiruchirapalli.	-	-	-	-	-	-	-	-	-
12	Kanyakumari Medical College, Kanyakumari	-	-	-	-	-	-	-	-	-
13	Vellore Medical College Vellore	-	-	-	-	-	-	-	-	-
14	Theni Medical College Theni	-	-	-	-	-	-	-	-	-
15	Dharmapuri Medical College, Dharmapuri	-	-	-	-	-	-	-	-	-
16	Villupuram Medical College, Villupuram.	-	-	-	-	-	-	-	-	-
17	Thiruvarur Medical College, Thiruvarur.	-	-	-	-	-	-	-	-	-
18	Sivagangai Medical College, Sivagangai.	-	-	-	-	-	-	-	-	-
19	Thiruvannamalai Medical College, Thiruvannamalai									
20	Tamil Nadu Govt.Dental College and Hospital, Chennai	--	--	--	--	--	--	--	--	--
	TOTAL	22	68	13	25	12	10	3	12	3

2.5 Intake capacity under Post Graduate Courses and Higher Specialities in the directorate may be seen from the following table.

Sl. No.	Name of the Institution	M.D.	M.S.	M.Ch.	D.M.	M.D.S	M. Pharm	M.Sc. (Virology)	M.Sc. (N)	M.Sc Medical Physics	M.Phil in Clinical Social Work	Total
1	Madras Medical College, Chennai	141	68	64	58	-	40	-	40	-	-	411
2	Stanley Medical College, Chennai	52	41	15	8	-	-	-	-	-	15	131
3	Kilpauk Medical College, Chennai	41	35	16	7	-	-	-	-	-	-	99
4	Thanjavur Medical College, Thanjavur	40	25	3	-	-	-	-	-	-	-	68
5	Tirunelveli Medical College, Tirunelveli	37	18	-	1	-	-	-	-	-	-	56
6	Madurai Medical College, Madurai	57	47	9	5	-	24	-	25	-	-	167
7	Coimbatore Medical College, Coimbatore	44	27	8	-	-	-	-	-	-	-	79
8	Chengalpattu Medical College, Chengalpattu	17	6	1	-	-	-	-	-	-	-	24
9	Government Mohan Kumaramangalam Medical College, Salem.	12	12	-	-	-	-	-	-	-	-	24
10	K.A.P. Viswanatham Government Medical College, Tiruchirapalli	12	6	-	-	-	-	-	-	-	-	18
11	Kanyakumari Medical College, Asaripallam	5	-	-	-	-	-	-	-	-	-	5
12	Theni Medical College, Theni	2	4	-	-	-	-	-	-	-	-	6
13	Vellore Medical College, Vellore	4	2	-	-	-	-	-	-	-	-	6
14	Tamil Nadu Government Dental College and Hospital, Chennai	-	-	-	-	40	-	-	-	-	-	40
15	Arignar Anna Memorial Cancer Institute and Research Centre, Karapettai, Kancheepuram	-	-	-	-	-	-	-	-	10	-	10
16	Public Health Laboratory King Institute at Guindy, Chennai	-	-	-	-	-	-	21	-	-	-	21
	TOTAL	464	291	116	79	40	64	21	65	10	15	1165

2.6. Sanctioned Seats in in the directorate under the Para Medical Courses may be seen from the following table.

Sl No	Name of the College	B.Sc. Nursing	Post Basic B.Sc. Nursing *	Dip. Nursing	D.Pharm	Optician	B.P.T	BASLP(Bachel or of Audiology and Speech and Language Pathology)	B.Sc [Radio-Diagnosis]	B.Sc [Radio-Therapy]	Dental Mechanic	Dental hygienist	B.Pharm	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1	Madras Medical College, Chennai	50	40	177				25	20	20			60	392
2	Stanley Medical College, Chennai			137					20					157
3	Madurai Medical College, Chennai	50		178	120								60	408
4	Thanjavur Medical College, Thanjavur			130	60									190
5	Coimbatore Medical College, Coimbatore			145	60									205
6	Tamil Nadu Government Dental College & Hospital Chennai										6	6		12
7	Institute of Rehabilitation Medicine, K.K. Nagar, Chennai						25							25
8	College of Physiotherapy, Tiruchirapalli						25							25
9	Government Ophthalmic Hospital, Chennai.					30								30
10	Government Kilpauk Medical College, Chennai			78										78
11	Government Mohan Kumara Mangalam Medical College, Salem	50	50	135										235
12	Government Tirunelveli Medical College, Tirunelveli			135										135
13	Government Theni Medical College, Theni			45										45
14	K.A.P.Viswanatham Government Medical College, Tiruchirapalli			135										135

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
15	Institute of Social Obsterics and Government Kasturba Gandhi Hospital for women and Children, Chennai			55										55
16	Government Chengalpattu Medical College, Chengalpattu	50		55					20					125
17	Government Thoothukudi Medical college, Thoothukudi			55										55
18	Government Kanyakumari Medical college, Nagercoil			55										55
19	Government Vellore Medical College, Vellore			45										45
20	Government Head Quarters Hospital, Kancheepuram			55										55
21	Government Head Quarters Hospital, Cuddalore			55										55
22	Government Head Quarters Hospital, Ramanadapuram			55										55
23	Government Head Quarters Hospital, Dindigul			55										55
24	Government Head Quarters Hospital, Udagamandalam			55										55
25	Government Head Quarters Hospital, Tiruppur			55										55
26	Government Head Quarters Hospital, Nagapattinam			55										55
27	Government Head Quarters Hospital, Virudhunagar			55										55
Total		200	90	2000	240	30	50	25	60	20	6	6	120	2847

* For trained Nurses

2.7 . Details of Para Medical Certificate / Diploma Courses in the directorate may be seen from the following tables.

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	Anesthesia Technician	Theatre Technician	Orthopedics Technician	Dip. in Medical Lab. Technician	Audiometric Technician
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1	Madras Medical College, Chennai	20	50	20	20	20	20	30	40	40	40	100	15
2	Stanley Medical College, Chennai	20	50	20	20	20	20	30	40	40	40	100	15
3	Kilpauk Medical College, Chennai	20	50	-	-	20	20	20	35	35	35	100	15
4	Madurai Medical College, Madurai	20	50	20	20	20	20	20	35	35	35	100	-
5	Thanjavur Medical College, Thanjavur	20	50	-	-	20	20	20	35	35	35	100	-
6	Coimbatore Medical College, Coimbatore	20	50	-	-	20	20	20	35	35	35	100	-
7	Tirunelveli Medical College, Tirunelveli	-	50	-	-	20	20	20	35	35	35	100	-
8	Chengalpattu Medical College, Chengalpattu	-	-	-	-	20	20	-	35	35	35	100	-
9	Govt. Mohan Kumaramangalam Medical College, Salem	-	50	-	-	20	20	20	35	35	35	100	-
10	K.A.P.Viswanatham Medical College, Tiruchirapalli	-	-	-	-	20	20	20	35	35	35	100	-
11	Thoothukudi Medical College, Thoothukudi	-	-	-	-	20	20	-	35	35	35	100	-

SI No	Name of the Institution	Hearing Language and Speech Technician	Clinical Therapeutic Nutritional and food services	Diploma in Radio Diagnosis Technician	Diploma in Radiotherapy Technician	Nursing Assistant	Medical Record Technician	E.E.G./E.M.G.	Diploma in Medical Record Science	Diploma in Optometry	Dental Mechanic	Dental Hygienist	Total
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
1	Madras Medical College, Chennai	15	30	10	5	100	-	10	15	-	-	-	600
2	Stanley Medical College, Chennai	15	15	10	5	100	-	30	-	-	-	-	590
3	Kilpauk Medical College, Chennai	15	15	10	5	100	-	-	-	-	-	-	495
4	Madurai Medical College, Madurai	-	-	10	5	100	-	-	-	-	-	-	490
5	Thanjavur Medical College, Thanjavur	-	-	10	5	100	-	10	-	-	-	-	460
6	Coimbatore Medical College, Coimbatore	-	-	10	5	50	-	-	-	-	-	-	400
7	Tirunelveli Medical College, Tirunelveli	-	-	10	5	50	-	-	-	-	-	-	380
8	Chengalpattu Medical College, Chengalpattu	-	-	-	-	50	-	-	-	-	-	-	295
9	Govt. Mohan Kumaramangalam Medical College, Salem	-	-	10	5	50	-	-	-	-	-	-	380
10	K.A.P.Viswanatham Medical College, Tiruchirapalli	-	-	10	5	50	-	-	-	-	-	-	330
11	Thoothukudi Medical College, Thoothukudi	-	-	-	-	50	-	-	-	-	-	-	295

SI 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	Anesthesia Technician	Theatre Technician	Orthopedics Technician	Dip. in Medical Lab. Technician	Audiometric Technician
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
12	Kanyakumari Medical College, Kanyakumari	-	-	-	-	20	20	-	35	35	35	100	-
13	Vellore Medical College, Vellore	-	-	-	-	20	20	-	35	35	35	100	-
14	Theni Medical College, Theni	-	-	-	-	20	20	-	35	35	35	100	-
15	Govt. Dharmapuri Medical College, Dharmapuri.	-	-	-	-	-	-	-	-	-	-	-	-
16	King Institute, Guindy	-	-	-	-	-	-	-	-	-	-	50	-
17	Institute of Child Health and Hospital for Children, Chennai	-	-	-	-	-	-	-	-	-	-	-	-
18	Govt. Ophthalmic Hospital, Chennai	-	-	-	-	-	-	-	-	-	-	-	-
19	T.N Govt. Dental College and Hospital, Chennai	-	-	-	-	-	-	-	-	-	-	-	-
	Total	120	400	60	60	280	280	200	500	500	500	1450	45

SI No	Name of the Institution	Hearing Language and Speech Technician	Clinical Therapeutic Nutritional and food services	Diploma in Radio Diagnosis Technician	Diploma in Radiotherapy Technician	Nursing Assistant	Medical Record Technician	E.E.G./E.M.G.	Diploma in Medical Record Science	Diploma in Optometry	Dental Mechanic	Dental Hygienist	Total
(1)	(2)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)
12	Kanyakumari Medical College, Kanyakumari	-	-	-	-	50	-	-	-	-	-	-	295
13	Vellore Medical College, Vellore	-	-	-	-	50	-	-	-	-	-	-	295
14	Theni Medical College, Theni	-	-	-	-	50	-	-	-	-	-	-	295
15	Govt. Dharmapuri Medical College, Dharmapuri.	-	-	-	-	50	-	-	-	-	-	-	50
16	King Institute, Guindy	-	-	-	-	-	-	-	-	-	-	-	50
17	Institute of Child Health and Hospital for Children, Chennai	-	-	-	-	-	20	-	-	-	-	-	20
18	Govt. Ophthalmic Hospital, Chennai	-	-	-	-	-	-	-	-	30	-	-	30
19	T.N Govt. Dental College and Hospital, Chennai	-	-	-	-	-	-	-	-	-	6	6	12
	Total	45	60	90	45	1000	20	50	15	30	6	6	5762

2.8 . Personnel Strength: The department has a total of 33,936 posts of which 288 are in the directorate level, 10232 in the colleges and the balance 23417 in the tertiary care hospitals and dispensaries attached to the Medical colleges. Details may be seen from the following tables.

2.9. Personnel in the Directorate of Medical Education may be seen in the following table

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.	Deputy Secretary to Government/Law Officer	1
8.	Manager	1
9.	Ministerial Staff	223
10.	Administrative Officer	4
11.	Junior Administrative Officer	3
12.	Other Officer	3
13.	Basic Servants	39
	TOTAL	288

2.10 Personnel Strength of the Medical Colleges

Sl. No.	Name of the Institutions	Medical	Para Medical	Ministerial	Other than Ministerial	Basic Servants	Nurses	Total
1	Madras Medical College, Chennai	579	188	85	32	257	58	1199
2	Stanley Medical College, Chennai	309	85	42	4	142	25	607
3	Kilpauk Medical College, Chennai	295	116	23	2	68	32	536
4	Chengalpattu Medical College, Chengalpattu	235	109	46	1	115	41	547
5	Thanjavur Medical College, Thanjavur	180	85	37	8	121	23	454
6	Madurai Medical College, Madurai	326	147	61	29	169	53	785
7	Tirunelveli Medical College, Tirunelveli	263	105	84	5	111	224	792
8	Coimbatore Medical College, Coimbatore	250	117	42	7	118	25	559
9	Government College of Physiotherapy, Tiruchirapalli	-	5	3	-	5	-	13
10	Mohan Kumaramangalam Medical College, Salem	300	87	41	2	80	47	557
11	K.A.P. Viswanatham Medical College, Tiruchirapalli	162	40	27	2	43	20	294
12	Thoothukudi Medical College, Thoothukudi	174	87	54	4	67	181	567
13	Kanyakumari Medical College, Kanyakumari	154	36	80	11	158	67	506

Sl. No.	Name of the Institutions	Medical	Para Medical	Ministerial	Other than Ministerial	Basic Servants	Nurses	Total
14	Theni Medical College, Theni	171	34	36	3	109	30	383
15	Dharmapuri Medical College, Dharmapuri	225	143	41	3	119	-	531
16	Vellore Medical College, Vellore	162	71	52	7	82	180	554
17	Villupuram Medical College, Villupuram	49	152	34	2	-	-	237
18	Thiruvavarur Medical College, Thiruvavarur	225	154	42	2	61	-	484
19	Sivagangai Medical College, Sivagangai	229	80	13	5	12	-	339
20	Thiruvannamalai Medical College, Thiruvannamalai	20	8	16	-	36	93	173
21	Tamil Nadu Dental College, Chennai	94	-	15	2	-	-	111
22	College of Nursing Periyakulam	-	-	4	-	-	-	4
	Total	4402	1849	878	131	1873	1099	10232

2.11 Personnel Strength of the Hospitals

Sl. No.	Name of the Institutions	Medical	Nursing	Para Medical	Ministerial	Other than Ministerial	Basic Servants and Others	Total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Government General Hospital, Chennai	106	745	303	178	97	1262	2691
2	Government Stanley Hospital, Chennai	62	358	150	71	64	674	1379
3	Government Kilpauk, Medical College Hospital, Chennai	57	209	54	43	23	353	739
4	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	17	84	31	42	11	262	447
5	Institute of Non-Communicable Government Royapettah Hospital, Chennai	61	198	101	60	33	383	836
6	Institute of Social Obstetrics and Government Kasturba Gandhi Hospital for Women and Children, Chennai	30	192	48	58	20	356	704
7	Institute of Obstetrics and Gynecology and Government Hospital for Women and Children, Chennai	18	185	55	58	23	344	683
8	Institute of Child Health and Hospital for Children, Chennai	55	248	146	65	42	305	861
9	Government R.S.R.M. Hospital, Chennai	14	103	18	38	10	197	380
10	Institute of Mental Health, Chennai	23	162	31	48	17	486	767
11	Government Tiruvotteeswarar Hospital for Thoracic Medicine, Otteri, Chennai	6	39	9	16	5	107	182

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
12	Institute of Thoracic Medicine, Chetpet, Chennai	11	18	16	11	3	29	88
13	Government Peripheral Hospital, K.K.Nagar, Chennai	15	22	9	11	5	46	108
14	Government Peripheral Hospital, Anna Nagar, Chennai	24	25	11	8	6	45	119
15	Government Peripheral Hospital, Tondiarpet, Chennai	16	17	8	9	5	37	92
16	Government Institute of Rehabilitation of Physical handicapped and Artificial Limb Centre, K.K.Nagar, Chennai	2	16	73	18	2	51	162
17	Government Hospital for Thoracic Medicine, Tambaram, Chennai	15	143	33	36	10	268	505
18	Government Chengalpattu Medical College Hospital, Chengalpattu	9	151	47	33	24	239	503
19	Government Raja Mirasdar Hospital, Thanjavur	26	167	47	45	23	239	547
20	Government Thanjavur Medical College Hospital, Thanjavur	37	151	37	33	19	262	539
21	Government Rajaji Hospital, Madurai (including)	80	392	146	97	64	690	1469
	i)Government Hospital for Thoracic Medicine, Thoppur	5	29	0	1	2	45	82
	ii)Government Hospital, Balarangapuram	0	8	0	1	3	23	35
	iii)Government Cholera Collection Centre, Thoppur	2	8	0	0	1	27	38
	iv)Government Infectious Diseases Hospital, Thoppur	0	13	0	0	1	24	38

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
22	Government Tirunelveli Medical College Hospital, Tirunelveli	64	227	83	52	29	332	787
	(i) PA. Ramasamy Memorial Government Hospital, Tirunelveli	0	3	0	0	2	0	5
23	Government Coimbatore Medical College Hospital, Coimbatore	72	261	88	53	34	384	892
24	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	24	43	34	19	10	104	234
25	Government Arignar Anna Memorial Cancer Institute , Kancheepuram	3	2	14	5	1	80	105
26	King Institute, Guindy, Chennai	18	0	192	52	23	368	653
27	Government Mohan Kumara mangalam Medical College Hospital, Salem	90	284	181	50	43	433	1081
28	Mahatma Gandhi Memorial Government Hospital, Tiruchirapalli	23	148	40	28	24	225	488
	(i) Government T.B. Hospital, Tiruchirapalli	2	7	0	3	1	16	29
29	Thoothukudi Government Medical College Hospital, Thoothukudi	27	121	33	25	17	140	363
30	Government Vellore Medical College Hospital, Vellore	37	137	37	25	18	202	456
31	Government Kanyakumari Medical College Hospital, Kanyakumari	31	190	33	14	19	114	401
32	Government Theni Medical College Hospital, Theni	17	296	50	50	23	299	735
33	Government Dharmapuri Medical College Hospital, Dharmapuri	0	281	5	30	23	270	609

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
34	Government Villupuram Medical College Hospital, Villupuram	179	279	5	30	24	388	905
35	Government Thiruvarur Medical College Hospital, Thiruvarur	0	279	5	29	24	310	647
36	Government Dental College and Hospital, Chennai	0	10	22	0	0	34	66
37	Government Sivagangai Medical College Hospital, Sivagangai	0	289	28	22	18	9	366
38	Government Thiruvannamalai Medical College Hospital, Thiruvannamalai	77	53	30	8	11	60	239
39	Multi Super Specialty Hospital at Omandurar Government Estate, Chennai	0	157	43	7	12	0	219
40	College of Physiotherapy, Tiruchirapalli	0	0	0	0	0	0	0
41	Tamil Nadu Rehabilitation Centre for Blind, Madurai	0	0	0	1	0	0	1
42	Government Head Quarter Hospital, Cuddalore	0	17	0	0	0	0	17
43	Government Head Quarter Hospital, Nagapattinam	0	17	0	0	0	0	17
44	Government Head Quarters Hospital, Dindigul	0	17	0	0	0	0	17
45	Government Head Quarter Hospital, Virudhunagar	0	17	0	0	0	0	17
46	Government Head Quarter Hospital, Udagamandalam	0	17	0	0	0	0	17
47	Government Head Quarter Hospital, Tirupur	0	17	0	0	0	0	17
48	Government Head Quarter Hospital, Ramanathapuram	0	17	0	0	0	0	17

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
49	Government Head Quarter Hospital, Kancheepuram	0	17	0	0	0	0	17
50	Family Welfare Training Centre, Egmore, Chennai	0	1	0	0	0	0	1
51	School of Multi Purpose (VHN) Poonamallee, Chennai	0	1	0	0	0	0	1
52	The Principal Government Supervisor (F) Training School, Egmore, Chennai	0	1	0	0	0	0	1
53	Government Hospital for Thoracic Medicine, Asaripallam	0	6	0	0	0	0	6
	Total	1355	6895	2296	1483	869	10522	23420

2.12 The Hospitals and the dispensaries in the directorate have a capacity of 32142 beds and the break up details may be seen from the following table.

Hospitals and Dispensaries – Number of Beds

Sl.No	Name of the Institutions	A.C Room	A Class Ward	B Class Ward	C Class Ward	General Ward	Total
1	Government General Hospital, Chennai	74	12	80	48	2508	2722
2	Government Stanley Hospital, Chennai	0	4	13	0	1644	1661
	(i) Government Peripheral Hospital, Tondiarpet, Chennai	0	0	0	0	150	150
3	Government Kilpauk Medical College Hospital, Chennai	2	3	24	5	1039	1073
	(i) Government Peripheral Hospital, Anna Nagar, Chennai	0	0	0	0	100	100
4	Government Royapettah Hospital, Chennai	0	1	12	18	831	862
	(i) Government Peripheral Hospital, K.K.Nagar, Chennai	0	0	0	0	100	100
5	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	2	5	16	84	371	478
6	Institute of Social Obstetrics and Government Kasturba Gandhi Hospital, Chennai	0	0	4	7	684	695

Sl.No	Name of the Institutions	A.C Room	A Class Ward	B Class Ward	C Class Ward	General Ward	Total
7	Institute of Obstetrics and Gynecology and Government Hospital for Women and Children, Chennai	0	8	3	17	1047	1075
8	Institute of Child Health and Hospital for Children, Chennai	0	0	0	0	837	837
9	Government R.S.R.M. Hospital, Chennai	0	0	58	0	452	510
10	Institute of Mental Health, Chennai	0	10	120	0	1670	1800
11	Government Tiruvotteeswarar Hospital for Thoracic Medicine, Otteri, Chennai	0	0	4	8	210	222
12	Government Institute of Rehabilitation of Physically handicapped and Artificial Limb Centre, K.K.Nagar, Chennai	0	0	0	0	60	60
13	Government Hospital for Thoracic Medicine, Tambaram, Chennai	0	0	18	0	898	916
14	Government Chengalpattu Medical College Hospital, Chengalpattu	0	0	6	24	1126	1156
15	Government Raja Mirasdar Hospital, Thanjavur	0	0	0	0	650	650

Sl.No	Name of the Institutions	A.C Room	A Class Ward	B Class Ward	C Class Ward	General Ward	Total
16	Government Thanjavur Medical College Hospital, Thanjavur	1	6	10	0	1333	1350
17	Government Rajaji Hospital, Madurai	1	2	12	29	2534	2578
	(i) Government Hospital , Balarangapuram	0	0	0	0	40	40
	(ii) Government Hospital for Thoracic Medicine, Thoppur	0	0	0	0	285	285
	(iii) Government Infectious Diseases Hospital, Thoppur	0	0	0	0	52	52
	(iv) Government Cholera Collection Centre, Thoppur	0	0	0	0	28	28
18	Tirunelveli Medical College Hospital, Tirunelveli	0	0	0	0	1536	1536
19	PA Ramasamy Government Hospital Kandigaiperi, Tirunelveli	0	0	0	0	20	20
20	Coimbatore Medical College Hospital, Coimbatore	1	3	6	38	1319	1367
21	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	0	1	2	0	287	290

Sl.No	Name of the Institutions	A.C Room	A Class Ward	B Class Ward	C Class Ward	General Ward	Total
22	Government Mohan Kumaramangalam Medical College Hospital, Salem	0	20	0	8	1244	1272
23	Mahatma Gandhi Memorial Government Hospital, Tiruchirapalli	0	0	12	0	1229	1241
	(i) Government Rajaji Hospital, Tiruchirapalli	0	0	0	0	100	100
24	Thoothukudi Government Medical College Hospital, Thoothukudi	0	0	0	0	1112	1112
25	Government Vellore Medical College Hospital, Vellore	0	0	0	0	882	882
26	Government Kanyakumari Medical College Hospital, Kanyakumari	0	0	0	0	840	840
27	Government Theni Medical College Hospital, Theni	0	0	0	0	734	734
28	Government Dharmapuri Medical College Hospital, Dharmapuri	0	0	4	0	1004	1008
29	Government Villupuram Medical College Hospital, Villupuram	0	0	0	0	500	500
30	Government Thiruvarur Medical College Hospital, Thiruvarur	0	0	0	0	500	500

Sl.No	Name of the Institutions	A.C Room	A Class Ward	B Class Ward	C Class Ward	General Ward	Total
31	Government Thiruvannamalai Medical College Hospital, Thiruvannamalai	0	0	0	0	440	440
32	Government Sivagangai Medical College Hospital, Sivagangai	0	0	0	0	500	500
33	Government Multi Super Speciality Hospital at Omandurar Government Estate, Chennai (Fully Air Conditioned)	0	0	0	0	400	400
	Total	81	75	404	286	31296	32142

2.13 In the Hospitals and Dispensaries under the Directorate **93.33 lakh patients underwent treatment as In-Patients in 2013-2014 compared to 91.94 lakhs in 2012-13.** The hospital wise break up may be seen from the following table.

Number of In-Patients treated and average length of stay

Sl. No.	Name of the Hospitals	Total Number of In-patients Treated		Average per Day		Average Length of Stay per Patient (in days)	
		2012-13	2013-14	2012-13	2013-14	2012-13	2013-14
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Government General Hospital, Chennai	888775	905542	2435	2481	7	7
2	Government Stanley Hospital, Chennai	419236	446452	1148	1223	7	7
	(i) Government Peripheral Hospital, Tondiarpet, Chennai	21535	14432	59	40	8	8
3	Government Kilpauk Medical College Hospital, Chennai	273382	279616	748	766	7	7
	(i) Government Peripheral Hospital, K.K. Nagar, Chennai	13140	16070	36	44	4	5
4	Government Royapettah Hospital, Chennai	183282	150330	502	412	6	7
5	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	86505	77142	237	211	7	6
6	Institute of Social Obstetrics and Government Kasturba Gandhi Hospital, Chennai	216080	203670	592	558	8	8

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
7	Institute of Obstetrics and Gynecology and Government Hospital for Women and Children, Chennai	319010	330734	874	906	8	9
8	Institute of Child Health and Hospital for Children, Chennai	196370	189232	538	518	6	6
9	Government R.S.R.M. Hospital, Chennai	229220	239310	628	656	8	8
10	Institute of Mental Health, Chennai	454060	422126	1244	1157	151	134
11	Government Tiruvotteeswarar Hospital for Thoracic Medicine, Otteri, Chennai	39785	40678	109	111	13	14
12	Government Peripheral Hospital, Anna Nagar, Chennai	17155	18348	47	50	4	4
13	Government Institute of Rehabilitation of Physically handicapped and Artificial Limb Centre, K.K.Nagar, Chennai	22265	28404	61	78	19	18
14	Tamil Nadu Government Dental College Hospital, Chennai	--	--	--	--	--	--
15	Government Hospital for Thoracic Medicine, Tambaram, Chennai	259515	251092	711	688	14	13

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
16	Government Chengalpattu Medical College Hospital, Chengalpattu	226665	258980	621	710	5	5
17	Government Raja Mirasdar Hospital, Thanjavur	258420	265358	708	727	5	6
18	Government Thanjavur Medical College Hospital, Thanjavur	409895	405746	1123	1112	6	6
19	Government Rajaji Hospital, Madurai	842055	848278	2307	2324	7	7
	(i) Government Hospital, Balarangapuram	8030	12842	22	35	2	1
	(ii) Government Hospital for Thoracic Medicine, Thoppur	38325	42746	105	117	34	34
	(iii) Government Infectious Diseases Hospital, Thoppur	5475	2322	15	6	12	5
	(iv) Government Cholera Collection Centre, Thoppur	4745	1338	13	4	2	2
20	Tirunelveli Medical College Hospital, Tirunelveli	544580	397216	1492	1088	9	5
	(i) PA Ramasamy Government Hospital Kndigaiperi, Tirunelveli	2402	1948	7	5	1	1
21	Coimbatore Medical College Hospital, Coimbatore	419385	442866	1149	1213	6	6

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
22	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	91250	82526	250	226	19	16
23	Government Arignar Anna Memorial Cancer Institute, Kancheepuram	-	-	-	-	-	-
24	Government College of Physiotherapy, Tiruchirapalli	-	-	-	-	-	-
25	Government Mohan Kumaramangalam Medical College Hospital, Salem	452965	543844	1241	1490	7	7
26	Mahatma Gandhi Memorial Government Hospital, Tiruchirapalli	294190	305220	806	836	5	5
	(i) Government Rajaji Hospital, Tiruchirapalli	11315	12060	31	33	12	13
27	Institute of Thoracic Medicine, Chetpet, Chennai	-	-	-	-	-	-
28	Thoothukudi Government Medical College Hospital, Thoothukudi	256960	276884	704	759	7	7
29	Government Vellore Medical College Hospital, Vellore	338528	294702	927	807	5	4
30	Government Kanyakumari Medical College Hospital, Kanyakumari	218528	241772	599	662	7	7

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
31	Government Theni Medical College Hospital, Theni	229220	263568	628	722	6	6
32	Government Dharmapuri Medical College Hospital, Dharmapuri	248930	221884	682	608	4	4
33	Government Villupuram Medical College Hospital, Villupuram	231045	267918	633	734	4	5
34	Government Thiruvarur Medical College Hospital, Thiruvarur	193450	248114	530	680	4	6
35	Government Thiruvannamalai Medical College Hospital, Thiruvannamalai	132510	185032	363	507	4	7
36	Government Sivagangai Medical College Hospital, Sivagangai	96000	94956	263	260	5	5
37	Government Multi Super Speciality Hospital at Omandurar Government Estate, Chennai	-	1331	-	43	-	6
	Total	9194183	9332629	25188	25607	-	-

2.14 In the Hospitals and Dispensaries under the Directorate 2.64 crore patients availed treatment as Out-Patients in 2013-2014 compared to 2.58 crore in 2012-13. The hospital wise break up may be seen from the following table.

Number of Out-Patients Treated

Sl No.	Name of the Hospitals	Total Number of Out-Patients		Average Number of Out-Patients per day	
		2012-2013	2013-2014	2012-2013	2013-2014
(1)	(2)	(3)	(4)	(5)	(6)
1	Government General Hospital, Chennai	2499842	2700308	6849	7398
2	Government Stanley Hospital, Chennai	2234354	2044888	6122	5602
	(i) Government Peripheral Hospital, Tondiarpet, Chennai	248506	276430	681	757
3	Government Kilpauk Medical College Hospital, Chennai	881750	835590	2416	2289
	(i) Government Peripheral Hospital, Anna Nagar, Chennai	245364	307742	672	843
4	Government Royapettah Hospital, Chennai	836538	767240	2292	2102
	(i) Government Peripheral Hospital, K.K. Nagar, Chennai	352859	330226	967	905
5	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	276634	258646	758	709
6	Institute of Social Obstetrics and Government Kasturba Gandhi Hospital, Chennai	248530	259182	681	710

(1)	(2)	(3)	(4)	(5)	(6)
7	Institute of Obstetrics and Gynecology and Government Hospital for Women and Children, Chennai	136546	139774	374	383
8	Institute of Child Health and Hospital for Children, Chennai	621648	569400	1703	1560
9	Government R.S.R.M. Hospital, Chennai	94914	87182	260	239
10	Institute of Mental Health, Chennai	138200	132654	379	363
11	Government Tiruvotteeswarar Hospital for Thoracic Medicine, Otteri, Chennai	68572	74694	188	205
12	Institute of Thoracic Medicine, Chetpet, Chennai	245845	199430	674	546
13	Government Institute of Rehabilitation of Physical handicapped and Artificial Limb Centre, K.K.Nagar, Chennai	102778	105634	282	289
14	Government Hospital for Thoracic Medicine, Tambaram, Chennai	197220	203828	540	558
15	Government Chengalpattu Medical College Hospital, Chengalpattu	1219858	1178776	3342	3230
16	Government Raja Mirasdar Hospital, Thanjavur	452242	470076	1239	1288
17	Government Thanjavur Medical College Hospital, Thanjavur	1038425	1156474	2845	3168

(1)	(2)	(3)	(4)	(5)	(6)
18	Government Rajaji Hospital, Madurai	2419434	2577568	6629	7062
	(i) Government Hospital, Balarangapuram	144105	194749	395	534
	(ii) Government Hospital for Thoracic Medicine, Thoppur	-	-	-	-
	(iii) Government Infectious Diseases Hospital, Thoppur	-	-	-	-
	(iv) Government Cholera Collection Centre, Thoppur	-	-	-	-
19	Tirunelveli Medical College Hospital, Tirunelveli	758940	1107714	2079	3035
	(i) PA Ramasamy Government Hospital Kandigaiperi, Tirunelveli	108934	115338	298	316
20	Coimbatore Medical College Hospital, Coimbatore	1583682	1710382	4339	4686
21	Government Arignar Anna Memorial Cancer Institute, Kancheepuram	30622	29804	84	82
22	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	10336	6395	28	18
23	Tamil Nadu Dental College Hospital, Chennai	346927	362886	950	994
24	Government Mohan Kumaramangalam Medical College Hospital, Salem	1831412	1879942	5018	5151
25	Government College of Physiotherapy, Tiruchirapalli	14618	16548	40	45

(1)	(2)	(3)	(4)	(5)	(6)
26	Mahatma Gandhi Memorial Government Hospital, Tiruchirapalli	840060	885600	2302	2426
27	Government Rajaji Hospital, Tiruchirapalli	28790	28392	79	78
28	Thoothukudi Government Medical College Hospital, Thoothukudi	628524	534791	1722	1465
29	Government Vellore Medical College Hospital, Vellore	637736	638838	1747	1750
30	Government Kanyakumari Medical College Hospital, Kanyakumari	865980	764933	2373	2096
31	Government Theni Medical College Hospital, Theni	454810	543348	1246	1489
32	Government Dharmapuri Medical College Hospital, Dharmapuri	755971	691142	2071	1894
33	Government Villupuram Medical College Hospital, Villupuram	750544	714828	2056	1958
34	Government Thiruvarur Medical College Hospital, Thiruvarur	330340	377112	905	1033
35	Government Thiruvannamalai Medical College Hospital, Thiruvannamalai	863036	814940	2364	2233
36	Government Sivagangai Medical College Hospital, Sivagangai	349104	394266	956	1080
37	Government Multi Super Speciality Hospital at Omandurar Government Estate, Chennai (21-2-2014 to 31-3-2014)	-	6985	-	175
	Total	25894530	26494675	70945	72744

2.15 Number of Operations performed, No. of X-Rays taken etc., during the Year 2013-14 in the Directorate may be seen from the following table.

Sl No	Name of the Institutions	Number of Operations Performed			Number of Laboratory Test conducted	Number of X-rays taken	Number of MRI Scan taken	Number of CT Scan taken
		Major	Minor	Total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Government General Hospital, Chennai	22438	24620	47058	3268280	229314	6778	50800
2	Government Stanley Hospital, Chennai	19010	28780	47790	1671472	146164	4692	28116
3	Government Kilpauk Medical College Hospital, Chennai	9760	12710	22470	1102646	64306	2946	12776
4	Regional Institute of Ophthalmology and Government Ophthalmic Hospital, Chennai	14188	11728	25916	64106	2200	0	0
5	Government Royapettah Hospital, Chennai	4722	18224	22946	519081	63196	0	13010
6	Institute of Social Obstetrics and Government Kasturba Gandhi Hospital, Chennai	7808	6704	14512	762606	8752	0	0
7	Institute of Obstetrics and Gynecology and Government Hospital for Women and Children, Chennai	11014	10614	21628	476028	10394	0	0
8	Institute of Child Health and Hospital for Children, Chennai	6822	8602	15424	867214	64540	0	7894
9	Government R.S.R.M. Hospital, Chennai	9170	2288	11458	135616	3414	0	0
10	Institute of Mental Health, Chennai	0	0	0	113924	1420	0	0
11	Government Tiruvotteeswarar Hospital for Thoracic Medicine, Otteri, Chennai	0	330	330	50648	8202	0	0
12	Institute of Thoracic Medicine, Chetpet, Chennai	0	0	0	80434	16268	0	0
13	Government Peripheral Hospital, K.K. Nagar, Chennai	78	56	134	48030	3404	0	0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
14	Government Peripheral Hospital, Anna Nagar, Chennai	276	204	480	289364	8736	0	0
15	Government Peripheral Hospital, Tondiarpet, Chennai	74	126	200	71324	0	0	0
16	Government Institute of Rehabilitation of Physically handicapped and Artificial Limb Centre, K.K.Nagar, Chennai	0	682	682	2688	2934	0	0
17	Government Hospital for Thoracic Medicine, Tambaram, Chennai	0	3780	3780	545532	45736	0	0
18	Government Chengalpattu Medical College Hospital, Chengalpattu	9260	17580	26840	972586	52858	48	14996
19	Government Raja Mirasdar Hospital, Thanjavur	12102	8430	20532	296566	11256	0	0
20	Government Thanjavur Medical College Hospital, Thanjavur	7304	5070	12374	555054	81166	1614	21090
21	Tamil Nadu Dental College Hospital, Chennai	644	85212	85856	41008	41764	0	0
22	Government Rajaji Hospital, Madurai	26596	43928	70524	1501728	80810	4076	38160
	(i) Government Hospital, Balarangapuram	64	68	132	23672	568	0	0
	(ii) Government Hospital for Thoracic Medicine, Thoppur	0	0	0	20874	754	0	0
	(iii) Government Infectious Diseases Hospital, Thoppur							
	(iv) Government Cholera Collection Centre, Thoppur	0	0	0	0	0	0	0
23	PA Ramasamy Government Hospital Kandigaiperi, Tirunelveli	0	1044	1044	8322	0	0	0

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
24	Coimbatore Medical College Hospital, Coimbatore	13892	10402	24294	1686552	91308	3510	20734
25	Government Arignar Anna Memorial Cancer Hospital, Karapettai, Kancheepuram	236	2070	2306	91494	2158	0	0
26	Government Mohan Kumaramangalam Medical College Hospital, Salem	17200	31804	49004	1215890	73400	4064	21950
27	Mahatma Gandhi Memorial Government Hospital, Tiruchirapalli	8824	12662	21486	1034438	48146	4576	19804
	(i) Government Rajaji Hospital, Tiruchirapalli	0	0	0	7200	418	0	0
28	Thoothukudi Government Medical College Hospital, Thoothukudi	8196	9440	17636	545488	32486	0	11852
29	Arignar Anna Memorial Cancer Institute, Kancheepuram	0	0	0	2834	0	0	0
30	Government Vellore Medical College Hospital, Vellore	8914	6982	15896	730638	33266	2102	14814
31	Government Kanyakumari Medical College Hospital, Kanyakumari	6662	20404	27066	1087538	28942	0	7208
32	Government Theni Medical College Hospital, Theni	6968	1588	8556	797590	22206	0	10176
33	Government Dharmapuri Medical College Hospital, Dharmapuri	7692	10334	18026	1201800	34048	0	12538
34	Government Villupuram Medical College Hospital, Villupuram	6138	9186	15324	541722	50278	608	8268
35	Government Thiruvarur Medical College Hospital, Thiruvarur	5568	910	6478	448790	26794	0	10708

(1)	38(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
36	Government Thiruvannamalai Medical College Hospital, Thiruvannamalai	4582	18960	23542	531526	59096	0	13324
37	Government Sivagangai Medical College Hospital, Sivagangai	3396	668	4064	369914	20126	0	6792
38	Government Multi Super Speciality Hospital at Omandurar Government Estate, Chennai	3	1	4	11161	332	182	283
39	Tirunelveli Medical College Hospital, Tirunelveli	11940	7597	19537	2646491	45694	3830	22088
	Total	271541	433788	705329	26439869	1516854	39026	367381

Chapter - 3

MEDICAL AND RURAL HEALTH SERVICES

3.1 The Directorate of Medical and Rural Health Services is providing secondary level medical care to the public through a network of hospitals. The Director of Medical and Rural Health Services (DM&RHS) is the administrative head for 30 District Head Quarters Hospitals, 160 Taluk Hospitals, 80 Non-Taluk Hospitals, 19 Dispensaries, 10 Mobile Medical Units, 7 Women and Children Hospitals, 7 Leprosy hospitals and 2 T.B. Hospitals/Sanatorium. The Directorate is responsible for implementation of various schemes and the development of the secondary care hospitals. The hospitals under the control of the Director of Medical and Rural Health Services provide the following services:

- i. Providing extended medical speciality services like Medicine, Surgery, Obstetrics and Gynaecology, Ophthalmology, E.N.T, Venereology, Orthopaedics, Anaesthesiology, Child Health, Dental, Psychiatry, Ambulance Services, Laboratory Services, Leprosy Control, Tuberculosis Control, Diabetology, Cardiology and NCD.
- ii. Accident and Emergency Services.
- iii. Family Welfare and Maternity and Child Health.
- iv. T.B. Control Programme.
- v. District Mental Health Programme.

The Director of Medical and Rural Health Services is the State Appropriate Authority for the implementation of Transplantation of Human Organs Act, 1994 and the Pre-Conception and Pre-Natal Diagnostic Techniques (Prohibition of Sex Selection) Act, 1994.

3.2 Cadre Strength of the Department : Each District has a District Headquarters Hospital, Taluk Headquarters Hospitals, Non-Taluk Hospitals and Dispensaries. The staff strength of the department including hospitals and dispensaries is given below:

S.No	Name of the Post	No. of Post
1.	Director	1
2.	Financial Controller	1
3.	Additional Director	5
4.	Additional Director (Admn)	1

5.	Joint Director Health services	33
6.	Chief Civil Surgeon (General)	770
7.	Chief Civil Surgeon (Dental)	32
8.	Senior Civil Surgeon (General)	565
9.	Senior Civil Surgeon (Dental)	30
10.	Deputy Director (TB)	29
11.	Deputy Director (Leprosy)	20
12.	Assistant Surgeon / Sr. Asst. Surgeon / Civil Surgeon(including Dental)	3029
13.	Nursing Staff	4300
14.	Staff Nurse – Contract Basis	3035
15.	Ministerial Staff	1486
16.	Para Medical Staff	3446
17.	Other Staff	7629
	Total	24412

3.3. The following table gives the district-wise details of the Hospitals under the Directorate

Sl.No	Name of the District	No. of Hospitals								Total
		HQRS	Taluk	Non Taluk	Dispen-saries	MMU	WCH	TB hospitls	Leprosy centre	
1	Ariyalur	1	2	1	0	0	0	0		4
2	Coimbatore	1	2	6	2	0	0	0		11
3	Cuddalore	1	6	1	0	0	0	1		9
4	Dharmapuri	1	3	0	0	1	0	0	1	6
5	Dindigul	1	6	5	0	2	0	0		14
6	Erode	1	4	3	1	0	0	0		9
7	Kancheepuram	1	7	2	3	0	0	0	3	16
8	Kanyakumari	1	5	3	0	0	0	0		9
9	Karur	1	3	2	0	0	0	0		6
10	Krishnagiri	1	4	1	0	1	0	0		7
11	Madurai	1	4	1	1	0	0	0		7
12	Nagapattinam	1	7	4	0	0	0	0		12

13	Namakkal	1	3	4	0	0	0	0		8
14	Perambalur	1	2	0	0	0	0	0		3
15	Pudukottai	1	8	3	1	0	0	0		13
16	Ramanathapuram	1	6	3	0	0	0	0		10
17	Salem	1	6	2	1	0	0	0	1	11
18	Sivagangai	0	6	4	0	0	6	1		17
19	Thanjavur	1	6	6	0	0	0	0		13
20	The Nilgiris	1	5	0	2	4	0	0		12
21	Theni	1	3	2	0	0	0	0		6
22	Thoothukudi	1	6	2	0	0	0	0		9
23	Tiruchirapalli	1	7	2	1	0	0	0		11
24	Tirunelveli	1	6	8	0	1	0	0		16
25	Tiruppur	1	5	2	0	0	0	0		8
26	Tiruvallur	1	8	4	5	0	0	0		18
27	Tiruvannamalai	1	4	1	0	0	0	0		6
28	Tiruvarur	1	5	1	0	0	1	0		8
29	Vellore	1	7	3	0	0	0	0	1	12
30	Villupuram	1	7	2	2	1	0	0	1	14
31	Virudhunagar	1	7	2	0	0	0	0		10
	Total	30	160	80	19	10	7	2	7	315

3.4 Special Department available in the Hospitals : Based on the performance of the hospitals, the Government have re-structured and rationalized the staff pattern of Doctors to render quality Medical Services to the poor people through the following wards in all the Government Head Quarters Hospitals.

Paediatric	97
Ortho	51
Ophthalmic	54
E.N.T.	41
VCTC. Centres	161
Blood Bank	54
Blood Storage Centres	40
Dental	196
Dermatology	27
Emergency	63
Operation Theatres	174
Laboratory	233
I.C.U.	39
Mental Health Treatment	33

CEmONC	105
Poison Treatment Centre	63
NICU	42
NBSU	114
U.G Scan	251
Centre of Excellence for burns	1
X-ray	179

Further, the **Hon'ble Chief Minister** has sanctioned a sum of Rs.4.5 crores to strengthen the Burns Ward at Government Hospital, Sivakasi as "Centre of Excellence" with 36 posts and this has been inaugurated recently by the **Hon'ble Chief Minister**.

3.5 Revised National TB Control Programme (RNTCP) : In Tamil Nadu, there are 220 TB Units. One TB Unit (TU) is formed for every 5 lakh population. Each TB Unit is manned by one of the PHC Medical Officers in the Unit, who is designated as Medical Officer (TB Control). He is assisted by one (Senior Treatment Supervisor, (STS) and one Senior TB Laboratory Supervisor, (STLS) . The Medical Officer (TB Control) should supervise the TB Units for at least 7 days in a month. DRTB Treatment Centres are functioning at Chennai(GH, Tambaram, TB Hospital Otteri), Madurai, Coimbatore, Vellore, Tirunelveli and Thanjavur.

3.5.1 Designated Microscopy Centres (DMCs) and Speciality Labs
There are **802** Designated Microscopy Centres in the State. One Designated Microscopy Centre (DMC) has been formed for every 1 lakh population such that there are at least five DMCs functioning in each TB Unit. Each Microscopy Centre has one Laboratory Technician and has been provided with a Binocular Microscope. Culture and DST Labs for Drug Resistant TB are functioning at IRL Chennai NIRT Chennai, Coimbatore Medical College and Gene expert at Madurai, Christian Medical College, Vellore.

3.5.2 Distribution of TB Drugs : The required Anti - TB drugs are supplied in patientwise boxes (PWB) by the Central TB Division, New Delhi directly to the Government Medical Store Depot. From Government Medical Store Depot, the drugs are transferred to the State Drug Stores at Chennai and Tiruchirapalli. From these State Drug Stores, the drugs are distributed to the districts.

3.5.3 Achievements under the Programme may be seen from the table below

Year	Programme Indicators						
	% Out Patients examined	Annualized Total Case Detection	Annualized Detection rate / new S+ve per lakh	Ratio of new S+ve : S-ve	Sputum Conversion Rate	Cure Rate	Success Rate
2009	2.2	123	50	1:0.6	90%	85%	86%
2010	2.2	124	49	1:0.6	90%	85%	87%
2011	2.0	111	59	1:0.6	91%	86%	87%
2012	1.9	107	49	1:0.7	90%	86%	86%
2013	2.1	107	48	1:0.5	91%	86%	87%

3.6 District Mental Health Programme : The District Mental Health Programme is a Community based Programme based on the guidelines of National Mental Health Programme fully funded(Except Tiruchirapalli) by the Government of India. As regards Tiruchirapalli the programme is entirely funded by the State Government. The aim of the District Mental Health Programme which is under implementation in the State are as follows:-

- i. To Create awareness regarding Mental Health in the Community.
- ii. To integrate and implement Mental Health Services through all the wings of the Health Department
- iii. To facilitate the early detection and treatment of the patient within the community itself
- iv. To reduce the stigma attached towards mental illness through change attitude and public education
- v. To treat the rehabilitated mental patients discharged from mental hospitals within the community

3.6.1 The Programme is implemented as detailed in the following 16 Districts in Tamil Nadu during 2013-14

Sl. No.	Name of the Districts	Year of launch of programme
1	Tiruchirapalli	1997
2	Madurai and Ramanathapuram	2001
3	Theni and Kanyakumari	2004-2005
4	Dharmapuri, Erode & Nagapattinam	2005-2006
5	Tiruvallur, Kancheepuram, Chennai, Cuddalore, Tiruvarur, Namakkal, Perambalur and Virudhunagar	2007-2008

3.7 Transplantation of Human Organ Act, 1994 : The Act was enacted by the Government of India in 1994 with the objective of eradication of organ trade and it is implemented in Tamil Nadu State.

3.7.1 Details of Programme : In Tamil Nadu, 72 hospitals are registered under this Act for performing renal, heart, liver, lungs and corneal transplantations.

3.7.2 Cadaver Transplant Programme : The Cadaver Transplantation Programme, initiated in October 2008 has been a success. Tamil Nadu ranks No.1 in the implementation of the Cadaver Transplant Programme. Currently 38 Hospitals in Tamil Nadu are involved in this programme. Government General Hospital and the Stanley Hospital, Chennai are actively involved in this programme. Transplant hospitals in the State have been divided into three zones as follows and organ donations from cadaver arising in a zone are allocated first within that zone.

North Zone - Chennai and neighborhood, Vellore

South Zone - Tiruchirappalli, Madurai, Tirunelveli, Nagercoil

West Zone - Coimbatore, Erode, Salem

Details of Donors and Donated Organs in Tamil Nadu

	2013-14	Oct 2008 to June 2014
Donors	141	485
Heart	21	79
Lung	21	39
Liver	130	443
Kidney	243	867
Pancreas	1	1
Heart Valves	134	500
Cornea	200	732
Skin	1	5
Total	751	2,666

3.8 Pre-Conception And Pre-Natal Diagnostic Techniques (Prohibition Of Sex Selection) Act, 1994: Under the Act 4,978 scan centres have been registered so far and cases have been filed against 73 scan centres for the violation of this Act. Out of 73 cases filed Judgement had already been delivered in 69 cases and 4 cases are under trial. To implement the Act very strictly in the Taluks and Districts where the juvenile sex ratio is below the State level of 946, surprise check of the scan centres and MTP centres has been conducted.

3.9 List of Institutions in the Directorate along with the details of the Bed Strength, Average Out patients and Average In patients in 2013-14 may be seen from the table below.

Sl. No.	District	Place	Type	Beds	Average OP / Day	Average IP / Day
1	Ariyalur	Ariyalur	HQRS	120	1342	133
		Jayamkondam	TK	132	1221	154
		Sendurai	TK	36	386	15
		Udayarpalayam	NTK	32	355	19
		Total		320	3304	321
2	Coimbatore	Annur	NTK	30	691	29
		Kottur	NTK	56	364	23
		Mettupalayam	TK	116	1039	113
		Periyanaickenpalayam	NTK	10	335	35
		Pollachi	HQRS	170	1896	179
		Sulur	NTK	30	513	27
		Thondamuthur	NTK	36	434	27
		Valparai	TK	38	232	14
		Vettaikaranputhur	NTK	26	323	13
		Total		512	5827	460
3	Cuddalore	Chidhambaram	TK	231	1559	230
		Cuddalore	HQRS	588	3342	619
		Kattumannarkoil	TK	44	579	34
		Kurinjipadi	TK	42	858	39
		Panruti	TK	79	1213	95
		Parangipettai	NTK	52	535	46
		Thittagudi	TK	44	706	32
		Virudhachalam	TK	144	1594	199
		Total		1224	10386	1294
4	Dharmapuri	Harur	TK	65	589	54
		Palacode	TK	56	841	68
		Pappireddipatti	TK	30	546	30
		Pennagaram	HQRS	56	758	55
		Total		207	2734	207
5	Dindigul	Dindigul	HQRS	377	2355	502
		Palani	TK	165	1583	177
		Kodaikanal	TK	62	328	30
		Natham	TK	56	457	63
		Vedasandur	TK	56	536	47
		Oddanchatram	TK	40	538	39
		Nilakottai	TK	38	690	53
		Batalagundu	NTK	42	165	0

		Pannaikadu	NTK	42	238	16	
		Ayakudi	NTK	26	320	17	
		Pattiveeranpatti	NTK	26	256	14	
		Thandkudi	NTK	20	155	12	
		Total		950	7621	1008	
6	Erode	Erode	HQRS	608	1454	460	
		Gobichettypalayam	TK	143	768	132	
		Bhavani	TK	124	623	84	
		Sathiyamangalam	TK	120	420	98	
		Perundurai	TK	60	398	39	
		Anthiyur	NTK	46	506	61	
		Kodumudi	NTK	38	255	27	
		Kavanthapadi	NTK	30	407	32	
			Total		1169	4831	933
7	Kancheepuram	Kancheepuram	HQRS	443	2532	357	
		Tambaram	TK	189	832	136	
		Madhuranthagam	TK	86	1147	78	
		Sriperumpudur	TK	53	468	40	
		Cheyyur	TK	42	732	67	
		Saidapet	TK	32	696	0	
		Thirukalukundram	TK	32	681	11	
		Uthiramerur	TK	32	562	21	
		Injambakkam	NTK	30	237	1	
		Mamallapuram	NTK	12	515	15	
			Total		951	8402	726
		8	Kanyakumari	Padmanabhapuram	HQRS	108	1048
Kuzhithurai	TK			86	685	108	
Boothapandi	TK			73	446	68	
Kanniyakumari	TK			36	300	37	
Karungal	TK			18	378	14	
Senanivillai	TK			12	187	10	
Colachal	NTK			50	361	55	
Kulasekaram	NTK			50	369	41	
Arumanai	NTK			21	290	18	
	Total		454	4064	518		
9	Karur	Karur	HQRS	294	2108	321	
		Kulithalai	TK	90	519	58	
		Krishnarayapuram	TK	30	308	18	
		Aravakurichy	TK	24	285	28	
		Velayuthamapalayam	NTK	62	450	48	
		Pallapatti	NTK	32	359	18	
			Total		532	4029	491
10	Krishnagiri	Krishnagiri	HQRS	241	1488	304	
		Hosur	TK	164	1050	112	

		Denkanikottai	TK	62	1290	104
		Uthangarai	TK	50	952	76
		Pochampalli	TK	30	307	27
		Mathur	NTK	30	387	16
		Total		577	5474	639
11	Madurai	Usilampatti	HQRS	135	1195	115
		Tirumangalam	TK	145	1043	124
		Melur	TK	108	1257	96
		Vadipatti	TK	48	727	48
		Peraiyur	TK	36	500	19
		Sholavandan	NTK	20	589	27
		Total		492	5311	429
12	Nagapattinam	Nagapattinam	HQRS	445	1692	399
		Mayiladuthurai	TK	258	2219	273
		Sirkazhi	TK	176	1629	138
		Vedaranyam	TK	59	486	51
		Porayaru	TK	54	493	30
		Tharangambadi	TK	32	267	27
		Kizhvelur	TK	30	277	14
		Thirukuvalai	TK	20	304	19
		Nagoor	NTK	30	324	16
		Karuppambalam	NTK	26	159	23
		Kuthalam	NTK	24	369	22
		Vaitheeswarankovil	NTK	24	459	22
		Total		1178	8678	1034
13	Namakkal	Namakkal	HQRS	313	1407	245
		Tiruchengode	TK	148	998	152
		Rasipuram	TK	118	842	69
		Velur	TK	44	512	63
		Sendamangalam	NTK	64	700	68
		Komarapalayam	NTK	54	765	38
		Pallipalayam	NTK	32	602	31
		Vennandur	NTK	20	468	25
		Total		793	6294	691
14	Perambalur	Perambalur	HQRS	166	2326	301
		Krishnapuram	TK	36	445	31
		Veppur	TK	36	380	36
		Total		238	3151	368
15	Pudukkottai	Pudukkottai	HQRS	574	1590	489
		Aranthangi	TK	168	716	137
		Alangudy	TK	72	245	38
		Keeranur	TK	56	801	78
		Illuppur	TK	55	526	41
		Manamelkudy	TK	46	270	46

		Thirumayam	TK	44	352	45
		Avudaiarkoil	TK	32	318	27
		Gandarakottai	TK	32	483	30
		Valayapatty	NTK	42	258	38
		Annavasal	NTK	30	301	24
		Subramaniapuram	NTK	24	269	19
		Total		1175	6129	1012
16	Ramanathapuram	Ramanathapuram	HQRS	410	1608	489
		Paramakudi	TK	176	756	171
		Kadaladi	TK	68	305	30
		Kamuthi	TK	62	380	76
		Mudukulathur	TK	62	687	59
		Rameswaram	TK	62	750	70
		Thiruvadana	TK	62	515	31
		Kilakarai	NTK	50	509	65
		Pannaikulam	NTK	36	259	8
		Mandapam Camp	NTK	20	208	12
		Total		1008	5977	1011
17	Salem	Mettur Dam	HQRS	264	1064	150
		Attur	TK	178	1312	31
		Omalar	TK	62	1103	67
		Sankari	TK	58	846	50
		Edapadi	TK	50	1094	65
		Gangavalli	TK	36	359	44
		Yercaud	TK	25	227	7
		Vembadithalam	NTK	36	351	24
		Jalakandapuram	NTK	20	517	13
		Total		729	6873	451
18	Sivagangai	Karaikudi	TK	186	593	139
		Devakottai	TK	86	528	55
		Tirupathur	TK	68	604	45
		Thirupuvanam	TK	60	Upgraded from 20.7.2014	
		Manamadurai	TK	58	470	40
		Ilayankudi	TK	38	369	15
		Singampunari	NTK	56	558	31
		Kanadukathan	NTK	52	226	16
		Kandanur	NTK	18	184	10
		Pulankurichi	NTK	6	108	5
		Sivaganga	W&CH	16	136	6
		Pulankurichi	W&CH	12	51	6
		Paganeri	W&CH	10	135	9
		Kothamangalam	W&CH	8	79	4
		Pallathur	W&CH	8	81	4
	Palavankudi	W&CH	4	65	3	

		Total		626	4187	388
19	Thanjavur	Kumbakonam	HQRS	70	1485	349
		Papanasam	TK	44	453	39
		Orathanadu	TK	36	530	59
		Tiruvidaimarudur	TK	36	475	29
		Pattukottai	TK	32	955	156
		Thiruvaiyaru	TK	32	613	41
		Peravurani	TK	26	517	51
		Adiramapattinam	NTK	462	394	21
		Aduthurai	NTK	178	493	13
		Ayyampettai	NTK	72	348	30
		Nachiarkoil	NTK	44	490	26
		Thirukattupalli	NTK	22	775	22
		Tirupanandal	NTK	13	481	20
			Total		1067	8009
20	The Nilgiris	Uthagamandalam	HQRS	391	531	251
		Coonoor	TK	134	369	93
		Gudalur	TK	128	241	46
		Kothagiri	TK	86	532	42
		Manjur	TK	30	151	27
		Pandalur	TK	40	287	20
			Total		809	2111
21	Theni	Periakulam	HQRS	260	1253	256
		Bodinaickannur	TK	74	734	72
		Uthamapalayam	TK	72	772	84
		Andipatti	TK	32	550	21
		Cumbum	NTK	106	952	130
		Chinnamanur	NTK	48	451	51
			Total		592	4712
22	Thiruvannamalai	Cheyyar	HQRS	126	1585	32
		Arani	TK	115	941	91
		Polur	TK	78	955	54
		Wandavash	TK	78	787	90
		Chengam	TK	68	601	74
		Thanipadi	NTK	42	430	45
			Total		507	5299
23	Thoothukudi	Kovilpatti	HQRS	153	1185	265
		Tiruchendur	TK	94	736	106
		Srivaikundam	TK	56	628	49
		Vilathikulam	TK	56	215	35
		Sathankulam	TK	50	384	25
		Ettaiyapuram	TK	36	423	46
		Ottapidaram	TK	32	336	37

		Kayalpattinam	NTK	85	336	44		
		Kalangudiyiruppu	NTK	24	295	18		
		Total		586	4538	625		
24	Tiruchirapalli	Manapparai	HQRS	138	1177	139		
		Srirangam	TK	127	841	119		
		Lalgudi	TK	100	619	89		
		Musiri	TK	68	605	55		
		Thiruverumbur	TK	60		Upgraded on 20.7.2014		
		Mannachnallur	TK	50	659	29		
		Thuraiyur	TK	50	465	67		
		Thottiam	TK	42	476	18		
		Omandur	NTK	54	235	42		
		Thuvarankurichi	NTK	36	304	30		
				Total		665	5381	588
		25	Tirunelveli	Tenkasi	HQRS	256	1008	223
Sankaran Kovil	TK			174	971	137		
Ambasamudram	TK			76	976	62		
Shengottah	TK			60	649	41		
Sivagiri	TK			56	436	39		
Radhapuram	TK			53	410	41		
Nanguneri	TK			52	544	34		
Kudankulam	NTK			148	713	82		
Kadayanallur	NTK			107	610	76		
Puliyankudi	NTK			60	481	41		
Melapalayam	NTK			54	570	36		
Ayikudi	NTK			36	409	13		
Cheranmadevi	NTK			32	482	23		
Kalakad	NTK			30	145	7		
Valliyur	NTK			28	176	20		
				Total		1222	7947	793
26	Tiruppur	Tiruppur	HQRS	433	2254	427		
		Udumalpet	TK	166	1489	198		
		Dharapuram	TK	102	937	157		
		Palladam	TK	91	786	92		
		Kangeyam	TK	54	612	68		
		Avinashi	TK	42	383	28		
		Jallipatti	NTK	12	186	10		
		Karadivavi	NTK	6	198	3		
				Total		906	6845	983

27	Tiruvallur	Tiruvallur	HQRS	230	1158	285
		Tirutheni	TK	105	694	98
		Ponneri	TK	88	1037	76
		Thiruvottiyur	TK	50	434	28
		Avadi	TK	48	811	38
		Uthukottai	TK	46	344	50
		Gummidipoondi	TK	32	735	35
		Pallipattu	TK	32	313	29
		Poonamallee	TK	32	932	35
		Periyar Nagar	NTK	100	1006	77
		Madhavaram	NTK	38	381	36
		Pordhatturpet	NTK	36	426	28
		Pulicat	NTK	32	597	28
			Total		869	8868
28	Tiruvarur	Mannargudi	HQRS	198	1145	221
		Tiruthuraipoondi	TK	124	829	93
		Nannilam	TK	82	402	66
		Kodavasal	TK	56	400	37
		Needamangalam	TK	38	404	19
		Valangaiman	TK	32	368	37
		Koothanallur	NTK	12	443	23
		Vijayapuram	W&CH	40	183	36
			Total		582	4174
29	Vellore	Walajapet	HQRS	84	1159	124
		Tirupathur	TK	210	2507	230
		Arakkonam	TK	186	1885	129
		Gudiyatham	TK	130	1576	145
		Vaniyambadi	TK	112	1695	147
		Vellore	TK	100	1318	84
		Ambur	TK	92	1388	104
		Arcot	TK	82	920	83
		Sholingar	NTK	96	970	60
		Kalavai	NTK	40	380	22
		Peranampet	NTK	30	563	38
			Total		1162	14361
30	Villupuram	Kallakurichi	HQRS	108	1792	175
		Tindivanam	TK	161	1395	159
		Villupuram	TK	100	956	60
		Gingee	TK	94	951	94
		Ulundurpet	TK	92	1065	100

		Tirukoilur	TK	74	1383	89
		Sankarapuram	TK	44	474	60
		Vanur	TK	22	685	32
		Valavanur	NTK	28	354	26
		Marakkanam	NTK	12	543	23
		Total		735	9598	818
31	Virudhunagar	Virudhunagar	HQRS	372	1334	364
		Aruppukottai	TK	271	703	198
		Rajapalayam	TK	212	750	181
		Sivakasi	TK	148	674	123
		Srivilliputhur	TK	114	1220	95
		Sathur	TK	84	590	93
		Tiruchuli	TK	64	571	46
		Kariapatti	TK	18	505	38
		Thiruthangal	NTK	60	Upgraded on 20.7.2014	
		Watrap	NTK	92	575	63
		Total		1435	6922	1201

HQRS - District Headquarters Hospital
 TK - Taluk Hospital
 NTK - Non-Taluk Hospital
 W&CH - Women & Children's Hospital

3.10 DISTRICT WISE PERFORMANCE OF THE GOVERNMENT HOSPITALS PERIOD: 2013-2014

Sl. No	Name of the District	Sanctioned Beds	Out patients treated	Average out patients treated per day	In patients treated	Average In patients treated per day	Major surgeries done	Minor surgeries done
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Ariyalur	320	1189857	3260	106797	293	4459	7252
2	Coimbatore	512	1807499	4952	143899	394	5384	8515
3	Cuddalore	1304	3770611	10330	458367	1256	17755	23306
4	Dharmapuri	207	965987	2647	73261	201	1393	5889
5	Dindigul	950	2893252	7927	331228	907	9869	18428
6	Erode	1145	2049669	5616	324342	889	10555	11955
7	Kancheepuram	945	2695070	7384	261984	718	9218	30366
8	Kanyakumari	454	1509998	4137	162607	445	5742	8514
9	Karur	532	1460306	4001	169406	464	6172	7077
10	Krishnagiri	577	1677696	4596	229032	627	8454	15014
11	Madurai	492	2146046	5880	164547	451	4852	14026
12	Nagapattinam	1172	3134817	8589	354685	972	14283	33948
13	Namakkal	793	2169617	5944	241605	662	6275	17396
14	Perambalur	238	792665	2172	120467	330	4031	9907
15	Pudukottai	1175	2282885	6254	326123	893	10877	15237
16	Ramanathapuram	1146	2231123	6113	303617	832	9854	19687
17	Salem	729	2407810	6597	184528	506	5970	14120
18	Sivagangai	676	1499165	4107	128624	352	4810	7093
19	Thanjavur	1067	2806683	7690	285991	784	5957	25717
20	The Nilgiris	809	749148	2052	159685	437	4256	6655
21	Theni	600	1919563	5259	215188	590	4311	14775
22	Thoothukudi	586	1689366	4628	207820	569	5890	24914
23	Tiruchirapalli	635	1914336	5245	183378	502	5897	23338
24	Tirunelveli	1074	3201426	8771	273313	749	8136	13221

Sl. No	Name of the District	Sanctioned Beds	Out patients treated	Average out patients treated per day	In patients treated	Average In patients treated per day	Major surgeries done	Minor surgeries done
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
25	Tiruppur	906	2613317	7160	353373	968	9805	18412
26	Tiruvallur	796	3253693	8914	248667	681	6221	21539
27	Tiruvannamalai	507	1713237	4694	149666	410	4736	10025
28	Tiruvarur	582	1552804	4254	168872	463	4442	18337
29	Vellore	1162	4984101	13655	396652	1087	15614	63770
30	Villupuram	735	3060588	8385	263905	723	8185	28118
31	Virudhunagar	1375	2595117	7110	419068	1148	13180	24196
	Total	24201	68737452	188322	7410697	20303	236583	560747

Sl. No	Name of the District	Emergency cases treated	MLC cases treated	Post mortem examinations done	Laboratory tests done	X rays taken	Deliveries conducted		Average number of births per day
							Total deliveries	Caesareans done	
		(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1	Ariyalur	33488	6738	290	992060	5369	3718	2481	10
2	Coimbatore	53392	7931	553	618208	7314	3940	2460	11
3	Cuddalore	244232	19927	1043	1721104	29575	16517	8293	45
4	Dharmapuri	39378	10047	294	601746	5169	1254	560	3
5	Dindigul	53557	18429	1220	1601448	23395	7985	3139	22
6	Erode	38289	12812	1391	1199846	22353	5131	3386	14
7	Kancheepuram	192717	16830	1657	1022150	24770	8192	3387	22
8	Kanyakumari	14632	5322	312	775804	9633	2982	2242	8
9	Karur	33139	4241	610	824491	8122	4315	2012	12
10	Krishnagiri	44322	14808	983	982599	10830	9253	3801	25
11	Madurai	95988	10209	553	1277936	10601	4914	2367	13
12	Nagapattinam	199489	17216	700	2047858	17661	9695	5742	27
13	Namakkal	84181	9998	692	1153499	11194	5103	3140	14
14	Perambalur	51434	4888	400	1398647	6688	3298	2060	9
15	Pudukottai	58350	14753	518	1168217	16193	9250	3763	25
16	Ramanathapuram	106003	8622	640	1826093	23712	6486	3324	18
17	Salem	87460	12858	455	881252	11093	4466	2098	12
18	Sivagangai	24934	4477	320	802493	5493	3711	1808	10
19	Thanjavur	159217	12184	611	1142592	13999	6806	2699	19
20	The Nilgiris	33752	6089	350	608393	9665	3031	1542	8
21	Theni	55444	7484	269	865114	14196	4470	2274	12
22	Thoothukudi	41048	5584	551	863861	13867	5887	1419	16
23	Tiruchirapalli	123540	10677	471	619234	11482	3986	3229	11
24	Tirunelveli	63993	9882	635	1729634	14773	5868	5160	16
25	Tiruppur	66963	15870	1550	834298	17851	8840	2871	24
26	Tiruvallur	162219	10944	689	934401	21888	6197	1375	17

Sl. No	Name of the District	Emergency cases treated	MLC cases treated	Post mortem examinations done	Laboratory tests done	X rays taken	Deliveries conducted		Average number of births per day
							Total deliveries	Caesareans done	
		(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
27	Tiruvannamalai	115612	10156	416	1231143	6725	3500	1720	10
28	Tiruvarur	44885	6436	187	928280	10263	3790	3212	10
29	Vellore	222468	24819	1132	3377054	26373	13143	4492	36
30	Villupuram	299815	27170	642	1272108	19615	7900	1744	22
31	Virudhunagar	48349	11907	797	1162326	20231	9873	5917	27
	Total	2892290	359308	20931	36463889	450093	193501	93717	530

Chapter - 4

PUBLIC HEALTH AND PREVENTIVE MEDICINE

4.1. Public Health and Preventive Medicine Department was formed during 1923 in Tamil Nadu and is engaged in protecting and promoting the health of the people by immunization, health education, application of hygiene and sanitary measures and monitoring of drinking water quality and environmental hazards thereby reducing the burden of morbidity, mortality and disability in the State. The main focus of the department includes prevention and control of communicable diseases and provision of community based maternity and child health services in rural and urban areas through universal primary health care.

Infant Mortality Rate (IMR)

4.2 Government of Tamil Nadu is committed and dedicated to reduce Infant Mortality Rate below 13 (Number of infant deaths per year for every 1000 live births) during the 12th plan period.

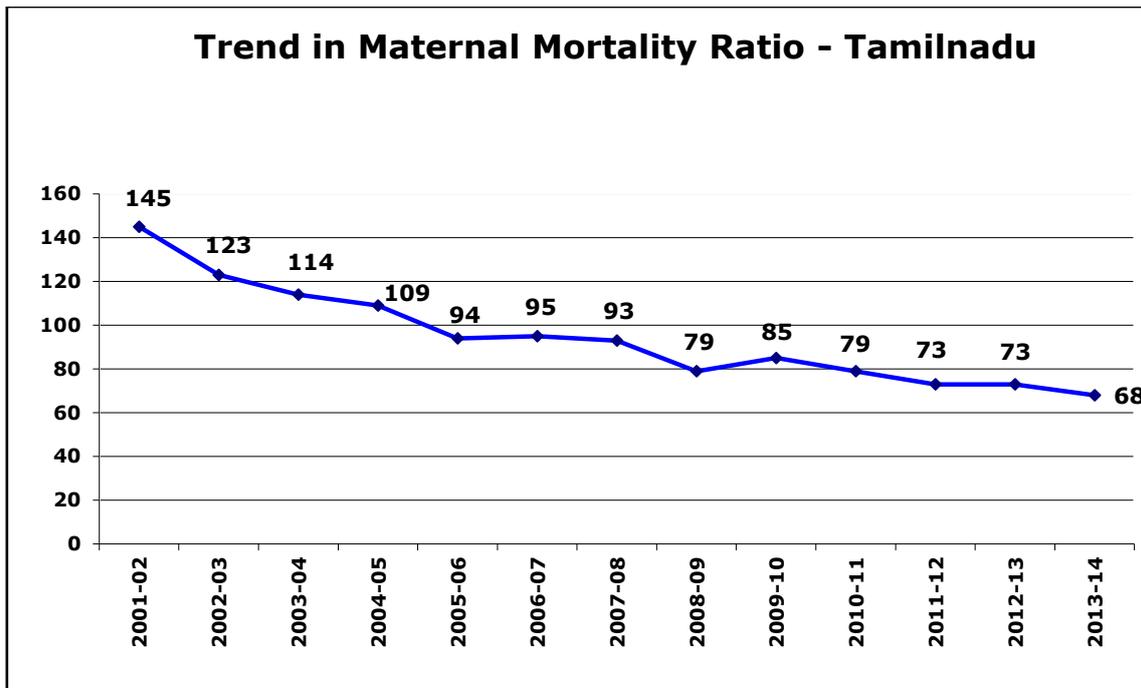
Trend of IMR for India and Tamil Nadu.

Year	1980	1990	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012
Tamil Nadu	93	59	51	49	44	43	41	37	37	35	31	28	24	22	21
India	114	80	68	66	64	60	58	58	57	55	53	50	47	44	42

Source: Sample Registration System (SRS) Bulletins.

Maternal Mortality Ratio (MMR)

4.3 Tamil Nadu ranks third lowest in MMR among the major Indian states. In 2013-14, Tamil Nadu reported 727 maternal deaths (amounting to an MMR of 68 per 1,00,000 live births). Government of Tamil Nadu has committed and dedicated to reduce Maternal Mortality Ratio below 44 during the 12th plan period.



CIVIL REGISTRATION SYSTEM

4.4 Tamil Nadu has a long tradition of registration of births and deaths. Prior to the introduction of Registration of Birth and Death Act 1969 by the Government of India. Registration of births and deaths in Tamil Nadu was carried out under the provisions of Madras Panchayats Act 1899 in Rural Areas, the Madras Districts Municipalities Act 1920 in the Municipalities and selected Town Panchayats and the Madras City Municipal Act 1919 in Chennai Corporation. There are **16,211** Registration Units in Tamil Nadu distributed across the 32 Revenue Districts including Chennai Urban District. The Registration of Births and Deaths was made compulsory at the place of occurrence with the introduction and implementation of Tamil Nadu Registration of Birth and Death Rules 2000 with effect from 01.01.2000 in accordance with the provision of sec.30 of the Registration of Births and Deaths Act of 1969. The Registration of Birth and Death should be done within 21 days of its occurrence.

The Birth and Death Registration system has been computerized in the entire rural and urban areas of Tamil Nadu. Tamil Nadu has achieved 99.80% in birth registration and 91% in death registration during 2012.

Primary Health Centres (PHCs)

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

Details of Primary Health Centres sanctioned and functioning

1.1	Number of PHCs functioning at the end of VI Five Year Plan i.e. 1984-1985.	436
1.2	Number of PHCs sanctioned during 1985-1986:	
	a) By Converting Rural Dispensaries as Additional PHCs	195
	b) New Additional PHCs sanctioned	20
1.3	Number of PHCs sanctioned during 1986-1987 :	
	a) By conversion of Non - Taluk Hospital as Community Health Centres (Upgraded PHCs) :	41
	b) Newly sanctioned Additional PHCs	5
	c) Newly sanctioned PHC (Tribal) Nammiampattu	1
1.4	New PHCs established in 1987-88 (Additional)	140
1.5	Number of PHCs (Additional) sanctioned during 1988-89 (*) By winding up of Mobile Health Unit in the PHCs and creation of PHCs.	(*)274
1.6	Number of New Additional PHCs sanctioned during 1988-89.	110
1.7	Number of New Additional PHCs during 1989-90 a)New Primary Health Centres :123 b)Conversion of Panchayat Union Dispensaries : 41	164
1.8	Number of New Additional PHCs during 1990-91 (Conversion of Panchayat Union Dispensaries)	43
1.9	Number of New Additional PHCs sanctioned during 1991-92 (Perugopanapalli in Dharmapuri District)	1
	Total	1,430
	14 PHCs have been upgraded as Taluk Hospitals	(-) 14
	Total	1,416
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	1,421
1.13	PHC, Sankarapuram made as Taluk Hospital	(-) 1
	Total	1,420
1.14	Conversion of Panchayat Union Dispensaries	11
	Total	1,431
1.15	23 PHCs have been upgraded as Taluk Hospital	(-) 23
	Total	1,408
1.16	No. Of PHCs Sanctioned during 1998-99	6
	Total	1,414
1.17	5 PHCs have been upgraded as Taluk hospitals/ Non-Taluk Hospitals	(-) 5
	Total	1,409

1.18	No. of PHCs upgraded as Taluk Hospitals	(-) 12
	Total	1,397
1.19	No. of PHCs sanctioned during 1999-2000	2
	Total	1,399
1.20	No. of PHCs sanctioned during 2000-2001	12
1.21	Upgradation of PHC, Kurinjipadi, Cuddalore Dist. as Non Taluk Hospital	(-) 1
	Total	1,410
1.22	No. of PHC sanctioned during 2001-2002	1
	Total	1,411
1.23	No. of PHCs sanctioned during 2003-2004	2
	Total	1,413
1.24	No. of PHCs sanctioned during 2004-2005	2
	Total	1,415
1.25	No. of PHCs sanctioned during 2005-2006	2
	Total	1,417
1.26	No. of Maternity Centres converted as PHCs in 2007-08 (Thirumazhisai, Mangadu, Poonamallee)	3
1.27	No. of Maternity Centre converted as Upgraded PHCs in 2007-08 (Kundrathur)	1
1.28	No. of PHCs Sanctioned during 2008-2009 (110 + Senthur and Semmancherry)	112
	Total	1,533
1.29	No. of PHCs Sanctioned during 2009-2010	6
	Total	1,539
1.30	No. of PHCs sanctioned during 2010-2011	50
	Total	1,589
1.31	No. of PHCs sanctioned during 2011-2012 (3+20)	23
	Total	1,612
1.32	No. of PHCs sanctioned during 2012-2013 (1+1)	2
	Total	1,614
1.33	No. of PHCs sanctioned during 2013-2014 (20+2+118)	140
	Total	1,754
1.34	No. of PHCs upgraded as Government Hospital (Koodankulam upgraded as 148 bedded Government Hospital)	(-) 1
1.35	No. of PHCs sanctioned as Urban PHCs (Thirumazhisai, Mangadu)	(-) 2
1.36	No. of PHCs handed over to Chennai Corporation (Manali, Porur, Mugalivakkam, Semmancheri)	(-) 4
1.37	No. of PHCs sanctioned during 2014-15	7
1.38	No. of PHCs upgraded as Government Hospitals (Thuvakudi, Thiruthangal, Thirupuvanam)	(-) 3
	Total	1,751

Community Health Centres / Upgraded Primary Health Centres

4.6 The Government decided in 2001 to provide at least one 30 bedded upgraded Primary Health Centre in each block where there is no such health facilities in a phased manner. Each Upgraded Primary Health Centre has five Doctors, an operation theatre, modern equipments like Ultra Sonogram, ECG, Semi Auto Analyzer, X-ray and an ambulance. At present 402 upgraded Primary Health Centres are functioning in 368 blocks. The Government has planned to provide at least one 30 bedded facility in the remaining blocks in the coming years.

Upgraded Primary Health Centres

No. of PHCs Upgraded prior to 2001	24
No. of PHCs upgraded during 2001-2002	21
Total	45
No. of PHCs upgraded during 2002-2003	37
Total	82
No. of PHCs upgraded during 2003-2004	35
Total	117
No. of PHCs upgraded during 2004-2005	12
No. of PHCs upgraded during 2005-2006	1
Total	130
No. of PHCs upgraded during 2007-2008	75
No. of PHCs upgraded during 2007-2008 (Medavakkam PHC by Catalyst Trust)	1
No. of PHCs upgraded during 2008-2009	50
Total	256
No. of PHC sanctioned and upgraded during 2008-2009 (Semmenchery Primary Health Centre)	1
Total	257
No. of PHCs sanctioned and upgraded during 2010-2011	26
No of PHCs sanctioned and upgraded during 2011-2012 (2+24)	26
Total	309
No of PHCs sanctioned and upgraded during 2012-2013 (12+20)	32
Total	341
No of PHCs upgraded during the year 2013-2014	64
Total	405
No of PHCs handed over to Chennai Corporation (Porur, Semmancheri)	(-)2
Total	403
No of PHC upgraded as Government Hospital	(-)1
Total	402

PHC SERVICES

4.7 All PHCs are functioning on 24 X 7 basis. During the Year 2013-2014, **9,19,36,470 out-patients** at an **average rate of 142** per day per PHC and **15,32,915 in-patients** at an **average rate of 72** in patients per month per primary health centre were treated in the PHCs.

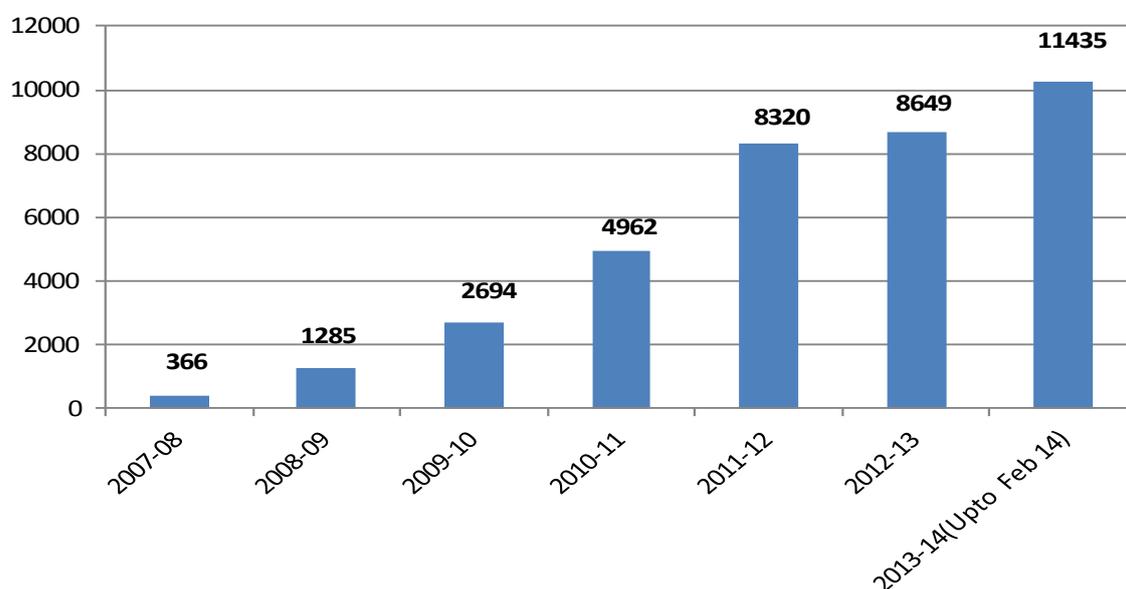
Deliveries conducted at PHCs

4.8 During 2013-2014, **2,38,860 deliveries** have been conducted in Primary Health Centres **at an average of 12 per Primary Health Centres** per month. Improvements in PHC facilities, upgrading all PHCs as 24x7 PHCs, introduction of birth companion scheme, provision of ultrasonogram machines, upgradation of PHCs with 30 beds with operation theatre, enhancement of Dr.Muthulakshmi Reddy Maternity Benefit Scheme assistance from Rs 6,000 to Rs. 12,000, provision of diet for antenatal mothers, organizing maternity picnics to PHCs, drop back for delivered mothers and establishment of birth waiting homes are responsible for the quantum increase in PHC deliveries.

Caesarean Section Delivery

4.9 Caesarean services are provided in 126 PHCs. During 2013-2014, 11,435 Caesarean sections were performed in PHCs. Sixth Common Review Mission of National Rural Health Mission appreciated the efforts to provide caesarean section deliveries in Tamil Nadu.

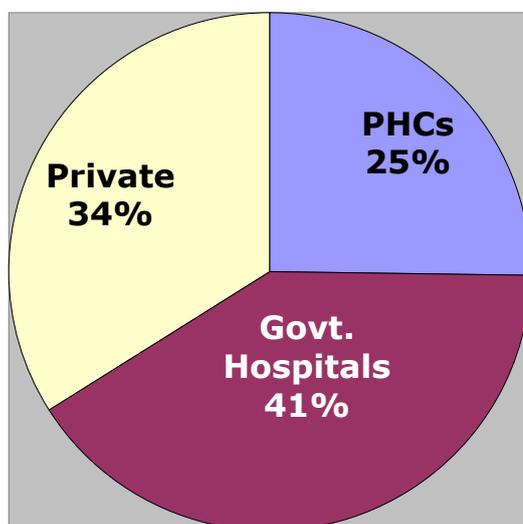
Caesarean Section Deliveries at PHCs 2007-08 TO 2013-14



PHC Family Welfare Sterilization Performance

4.10 During the year 2013-14, 81,554 sterilizations have been performed in PHCs, accounting for 25 percentage of sterilizations performed in the State. At present Family Welfare sterilization services are provided in 379 PHCs.

STERILISATION PERFORMANCE



Establishment of Urban Primary Health Centres

4.11 During 2012-2013, Government have issued orders for the establishment of 135 Urban Primary Health Centres in small urban areas of Tamil Nadu under the administrative control of the Director of Public Health and Preventive Medicine including 60 Urban Primary Health Centres already sanctioned under the control of Commissioner of Municipal Administration. Subsequently, two Urban PHCs were sanctioned. Among 137 Urban PHCs, three Urban PHCs were handed over to Chennai Corporation.

Menstrual Hygiene Programme

4.12 The Menstrual Hygiene Programme was launched by the **Hon'ble Chief Minister** on 27.03.2012. Under this scheme 18 packs of sanitary napkins (six pads per pack) in a year at the rate three packs for two months for each adolescent girl (10-19 years) in rural areas both school going and non school going girls are provided. Sanitary Napkins are given to post natal mothers delivered in Government institutions at the rate of seven packs each (six pads per pack). Sanitary Napkins are being given to each women prison inmate and to 525 female inpatients in the Institute of Mental Health, Chennai at the rate of 18 packs (six pads per

pack) in a year. While implementing the programme it was assessed that 80% of (10-19 yrs) girls have attained puberty and hence the target was revised as 32,79,028 adolescent girls.

Beneficiaries for the year 2013 – 2014

Sl. No.	Category	Number of Sanitary Napkins Packs required per year	Total Quantity required (Pack)	Type of Sanitary Napkin
1	Adolescent girls Rural (10-19 yrs) attained puberty	32,79,028 x 18	5,90,22,504	Belt less Type
2	Post-natal Mothers	7,25,770 x 7	50,80,390	Belt Type
3	Women Prison inmates	729 x 18	13,122	Belt Type
4.	Female inpatients in IMH Chennai	525 x 18	9,450	Belt Type

Immunization Programme

4.13 Annually, around 11.52 lakhs pregnant women and 10.48 lakhs infants are being targeted under immunization programme. The State has reported more than 95 % coverage over the years.

Immunization Performance during 2011-12, 2012-13 & 2013-14

Vaccine	2011-12			2012-13			2013-14		
	Target	Achievement	%	Target	Achievement	%	Target	Achievement	%
	(Fig. in lakhs)			(Fig. in lakhs)			(Fig. in lakhs)		
Tetanus Toxoid (AN Mothers)	11.97	11.72	98	11.88	11.36	96	11.52	11.10	96
DPT*	10.83	10.65	98	10.83	10.46	97	10.48	10.26	98
POLIO	10.83	10.65	98	10.83	10.49	97	10.48	10.30	98
BCG	10.83	10.56	98	10.83	10.42	96	10.48	10.19	97
MEASLES	10.83	10.62	98	10.83	10.54	97	10.48	10.30	98
JE	3.29	2.81	85	3.34	3.12	93	3.21	3.25	101

* from 2011-12 onwards, DPT was replaced with Pentavalent vaccination

Dr.Muthulakshmi Reddy Maternity Benefit Scheme

4.14 The assistance under this scheme has been enhanced from Rs 6000 to Rs 12,000 by our Hon'ble Chief Minister with effect from 01.06.2011. Assistance under this scheme is disbursed in three instalments to poor pregnant women. The details of beneficiaries under this scheme are as follows:-

Sl. No.	Year	Amount Allotted (Rs. in crore)	Amount Disbursed (Rs. in crore)	No. of Beneficiaries
1.	2006 - 2007	100.00	100.00	2,41,095
2.	2007 - 2008	300.00	296.64	6,79,831
3	2008 - 2009	350.00	349.26	5,79,821
4.	2009 - 2010	360.00	358.60	5,99,126
5.	2010 - 2011	360.00	347.51	5,81,790
6.	2011 - 2012*	660.00	515.11	6,73,093
7.	2012-2013	716.77	639.54	6,70,313
8.	2013-2014	716.77	652.16	6,63,623

* including beneficiaries who have availed enhanced assistance of Rs.12,000 each

4.15 The details of staff in the Department of Public Health and Preventive Medicine are as follows:

Sl. No.	Name of the Post	Total
1	Director	1
2	Additional Director	2
3	Financial Advisor and Chief Accounts Officer	1
4	Personnel Officer	1
5	Joint Director of PH & PM	8
6	Joint Director (Administration)	1
7	Joint Director (SBHI)	1
8	Deputy Director of Health Services	42
9	Deputy Director (Research)	1
10	Principal	5
11	Deputy Director (SBHI)	2
12	Chief Entomologist	2
13	Chief Water Analyst	4
14	Deputy Director Administration	1
15	B Grade Officers	4840
16	Para Medical Staff	10099
17	Non Para Medical Staff	23866
18	Ministerial Staff	2606
	Total	41483

4.16 Details of the existing 134 Urban Primary Health Centres operating under the Directorate may be seen from the table below

S.No.	Name of HUD	Name of the Municipality /Town panchyat
1	Aranthangi	Aranthangi
2	Ariyalur	Ariyalur Mpty(Gr. III)
3		Jayankondam Mpty(Gr.III)
4	Cheyyar	Vandavasi Mpty (Gr. II)
5		Arani
6		Thiruvathipuram
7	Coimbatore	Goundanpalayam Mpty (Gr.III)
8		Kuniamuthur Mpty (Gr. III)
9		Kurichi Mpty (Gr.III)
10		Gudalur Goundanpalayam TP
11		Karumathampatti TP
12		Vadavalli TP
13		Mettupalayam
14	Cuddalore	Chidambaram Mpty(Gr.SG)
15		Virudhachalam
16		Panruti
17		Nellikuppam
18	Dharmapuri	Dharmapuri
19	Dindigul	Vathlagundu TP
20	Erode	Periyasemur Mpty(Gr. III)
21		Surampatti Mpty(Gr. III)
22		Veerappanchatram Mpty(Gr. III)
23		B.P.Agaraharam TP
24		Karumandisellipalayam TP
25		Suriyampalayam TP
26		Gobichettipalayam
27		Bhavani
28		Sathyamangalam
29	Kallakurichi	Kallakurichi Mpty(Gr. III)
30		Tirukovilur TP
31	Kanchipuram	Madurantagam
32		Mangadu TP
33		Sevilimedu TP
34		Uthiramerur TP
35	Karur	Inam Karur Mpty(Gr. III)
36		Thanthoni Mpty(Gr. III)
37		Karur
38		Kulithalai
39	Kovilpatti	Kovilpatti

40	Krishnagiri	Mathigiri TP
41		Hosur
42		Krishnagiri
43	Madurai	Anaiyur Mpty(Gr. III)
44		Avaniapuram Mpty(Gr. III)
45		Melur Mpty (Gr. II)
46		Thirumangalam Mpty(Gr. II)
47		Usilampatti Mpty (Gr. II)
48	Nagapattinam	Myiladudurai Mpty(Gr. SG)
49		Vedaraniyam Mpty(Gr. III)
50		Sirkazhi
51	Nagercoil	Colachel Mpty (Gr.II)
52		Kuzhithurai Mpty(Gr. II)
53		Kaliyakkavalai TP
54		Padmanabhapuram
55		Palugal TP
56		Unnamalaikadai TP
57	Namakkal	Pallipalayam Mpty(Gr. III)
58		Tiruchengode
59		Komarapalayam
60		Namakkal
61		Rasipuram
62	Palani	Ottanchathiram Mpty(Gr. III)
63		Palani Mpty(Gr. SG)
64		Kodaikanal
65	Paramakudi	Paramakudi
66	Perambalur	Perambalur Mpty(Gr. III)
67	Poonamallee	Poonamallee Mpty(Gr. III)
68		Thirumazhisai TP
69	Ramanathapuram	Keelakarai Mpty(Gr. III)
70		Rameswaram Mpty(Gr. III)
71		Ramanathapuram
72	Saidapet	Pammal Mpty(Gr. III)
73		Thiruneermalai TP
74		Chengalpattu
75		Anakaputhur Municipality
76	Salem	Narasingapuram Mpty(Gr. III)
77		Attur
78		Mettur
79		Idappadi
80	Sankarankoil	Kadayanallur Mpty(Gr. II)
81		Tenkasi
82		Puliyangudi
83		Sankarankoil
84		Sengottai

85	Sivagangai	Karaikudi
86		Devakkottai
87		Sivagangai
88	Sivakasi	Sivakasi Mpty(Gr. SG)
89		Srivilliputhur
90		Sattur
91	Thanjavur	Pattukkottai
92	The Nilgiris	Coonoor Mpty(Gr. SG)
93		Gudalur Mpty(Gr.III)
94		Nelliyalayam Mpty(Gr.III)
95		Udhagamandalam Mpty (Gr. Spl)
96	Theni	Theni-allinagaram
97		Bodinayakanur
98		Cumbum
99		Periyakulam
100		Chinnamanur
101	Thiruchirappalli	Manaparai Mpty(Gr.I)
102		Thuraiyur
103	Thirupathur	Ambur
104		Gudiyatham
105		Vaniyambadi
106		Thirupathur
107		Dharapadavedu Mpty(Gr. III)
108		Pernampattu Mpty(Gr. III)
109	Thiruvallur	Thiruttani Mpty(Gr. III)
118		Thiruverkadu Mpty(Gr. III)
111		Tiruvallur
112	Tiruvarur	Koothanallur Mpty(Gr. II)
113		Mannargudi
114		Tiruvarur
115		Thiruthuraipoondi
116	Tiruppur	Dharapuram Mpty (Gr. III)
117		Kangayam Mpty (Gr. III)
118		Nallur Mpty(Gr. III)
119		Palladam Mpty(Gr. III)
120		Avinasi TP
121		Tirumuruganpoondi TP
122		Udumalaipet
123	Tuticorin	Kayalpattinam Mtpy (Gr. III)
124	Vellore	Ranipet Mpty(Gr. I)
125		Sathuvachary Mpty(Gr. III)
126		Arakkonam
127		Arcot
128		Walajapettai

129	Villupuram	Villupuram Mpty (Gr. SG)
130		Kottaikuppam TP
131		Tindivanam
132	Virudhunagar	Virudhunagar Mpty(Gr.I)
133		Aruppukkottai
134	Tirunelveli	Ambasamudram

4.17 The details of the Level 2 Maternal Child Health Centres functioning under the Directorate may be seen from the table below

S. No	Health Unit District	MCH Centre
1	Aranthangi	Ponbethi
2	Cheyar	Perungattur
3	Coimbatore	Somanur
4	Cuddalore	Mangalur
5	Tiruppur	Vellakoil
6	Dharmapuri	Marandahalli
7	Dindigul	Sendurai
8	Erode	Nambiyur
9	Kallakurichi	Kariyalur
10	Kancheepuram	Achirapakkam
11	Karur	Mayilampatti
12	Koилpatti	Nagalapuram
13	Krishnagiri	Anchetty
14	Madurai	Alanganallur
15	Nagapattinam	Thalaignayiru
16	Nagercoil	Kuttakuzhi
17	Namakkal	Vzhavandhinadu
18	Palani	Gujiliamparai
19	Paramakudi	Sayalkudi
20	Ariyalur	Andimadam
21	Poonamallee	Poonamallee
22	Pudukottai	Viralimalai
23	Ramanathapuram	RSMangalam
24	Saidapet	Medavakkam
25	Salem	Mecheri
26	Sankarankoil	Vasudevanallur
27	Sivagangai	Piranmalai
28	Sivakasi	Kallamannaickenpatty

29	Thanjavur	Siruvaviduthi
30	Theni	Veerapandi
31	Thiruchirapalli	Uppiliyapuram
32	Thirunelveli	Thisaiyanvilai
33	Thirupathur	Natrampalli
34	Thiruvannamalai	Kadalady
35	Thiruvarur	Muthupet
36	Tiruppur	Pongalur
37	Thiruvallur	Periyapalayam
38	Tuticorin	Eral
39	Uthgamandalam	Nilakottai
40	Vellore	Banavaram
41	Villupuram	Valathi
42	Virudhunagar	Narikudi

Chapter - 5

FAMILY WELFARE PROGRAMME

5.1 The Department of Family Welfare was functioning only as a wing of the Medical and Public health Directorates. A separate Directorate of Family Welfare was formed during 1983. Subsequently, the Family Welfare Programme was implemented as a people's programme by involving all the other departments. The main objective of the Directorate is to stabilize the population growth as well as to improve the maternal and child health status thereby reducing the vital indicators such as the IMR and MMR. Today, Tamil Nadu is considered as a model State for the other States in the country in the implementation of the Family Welfare Programme.

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

Sl. No.	Indicator	India	Tamil Nadu
1.	Population	121,07,26,932	7,21,47,030
2.	Decennial Growth Rate (%)	17.7	15.6
3.	Sex Ratio (female per 1000 males)	943	996
4.	Density of population (per sq. K.M.)	382	555
5.	Literacy Rate (%)	Male	86.8
		Female	80.9
		73.4	64.6

Source: 2011 Census

6	Crude Birth Rate (per 1000 population)	21.6	15.7
7	Crude Death Rate (per 1000 population)	7.0	7.4
8	Infant Mortality Rate (per 1000 live births)	42	21
9	Natural Growth Rate (%)	1.45	0.83

Source: SRS 2012

5.3. 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 Government, Voluntary and Private Medical Institutions.

1	Primary Health Centres	1751
2	Health Sub-centres	8706
3	Rural Family Welfare Centres	382
4	Post Partum Centres	110
5	Urban Family Welfare Centres	108
6	Urban Health Posts	193
7	Voluntary Organisations	27
8	Approved Private Nursing Homes	2040

5.4. Family Welfare Performance during 2013-14 can be seen from the table below.

Sl. No	Programme	2013-14	2013-14	% of achievement
		Assigned ELD		
1.	Sterilisation	4,00,000	3,23,310	80.8
2.	I.U.C.D. Insertion	4,33,000	3,79,152	87.6
3.	C.C. Users	1,80,000	91,605	50.9

5.5. Impact of Family Welfare Programme is given in the table below.

1.	Contraceptive Prevalence Rate (NFHS-3) 2005-06	60 %
2.	Sterilization acceptors with two and less than two living children 2013-14 (up to February 2014)	77.2 %
3.	Percentage of Higher Order Births (2012)	9.0
4.	Mean age at acceptance of sterilization (2012-13)	27.2
5.	Mean number of living children to the sterilization acceptors (2012-13)	2.2

Chapter - 6

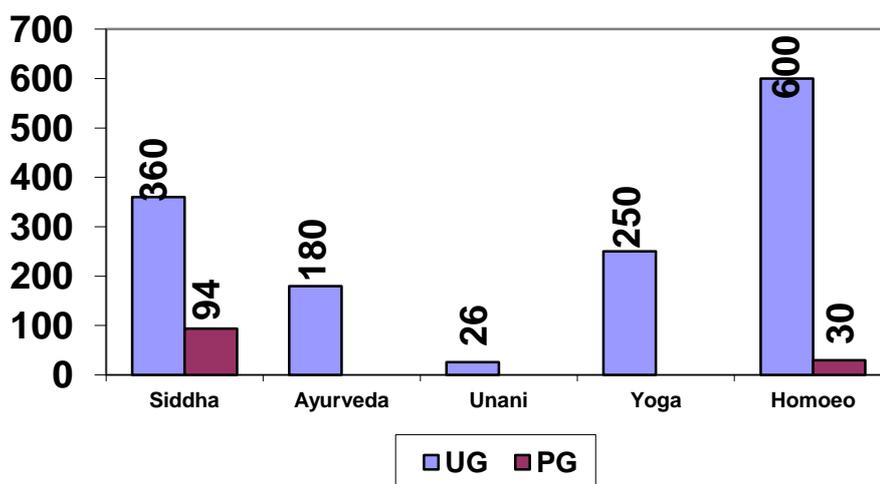
INDIAN MEDICINE AND HOMOEOPATHY

6.1 Tamil Nadu is the only State in the Country where Government Medical Colleges have been established in all five disciplines of Indian Systems of Medicine and Homoeopathy. The total number of Government Medical Colleges of ISM and the number of ISM Private Medical Colleges available in the State for Indian Medicines and number of seats available in these Colleges for the admission to the Bachelor Degree and Master Degree Courses of ISM are given below.

S.No.	Medical System	No. of Govt. Colleges	No. of Private Colleges
1	Siddha	2	5
2	Ayurvedha	1	3
3	Unani	1	--
4	Yoga & Naturopathy	1	4
5	Homoeopathy	1	8
		6	20

Sl. No.	Discipline	Details of Seats available for admission				
		Government		Private		Total
		UG	PG	UG	PG	
1.	Siddha	150	94	210	--	454
2.	Ayurveda	50	--	130	--	180
3.	Unani	26	--	--	--	26
4.	Homoeopathy	50	--	550	30	630
5.	Yoga & Naturopathy	50	--	200	--	250
	Total	326	94	1090	30	1540

**No. of Seats available for Admission in both
Govt. & Private**

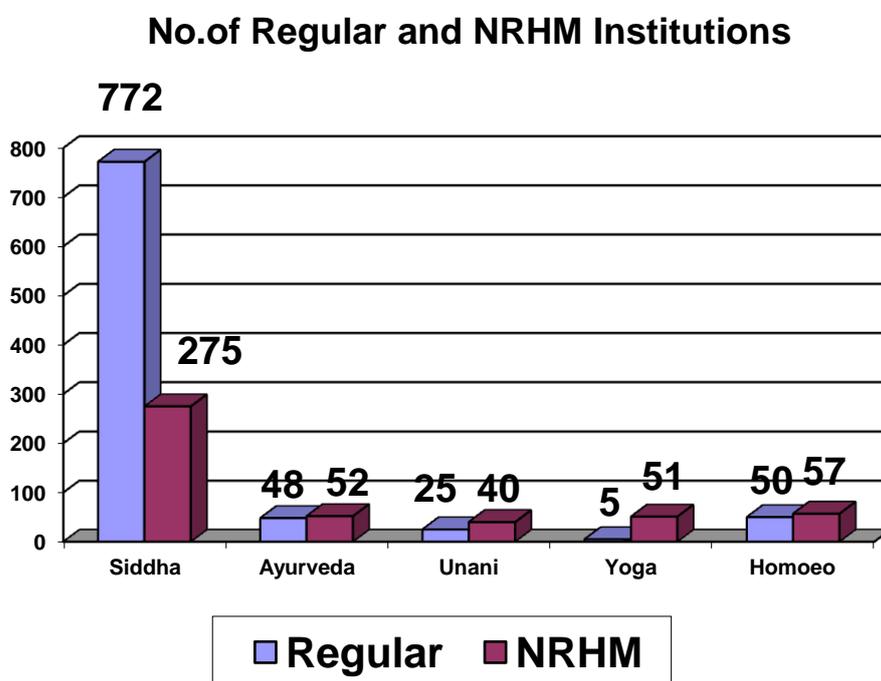


6.2 The number of seats sanctioned for Diploma Course in Integrated Pharmacy and for Nursing Therapy available are furnished below

Sl. No.	Name of the Institution	Number of seats		Total
		Diploma in Integrated Pharmacy	Diploma in Nursing Therapy	
1.	Arignar Anna Government Hospital of Indian Medicine, Chennai	50	50	100
2.	Government Siddha Medical College, Palayamkottai, Tirunelveli	50	50	100
Total		100	100	200

6.3 District Siddha Medical Offices at District Level : A District level administrative office, headed by a District Siddha Medical Officer has been set up to provide technical guidance to the Assistant Medical Officers working in Siddha, Ayurveda, Unani and Homoeopathy Wings attached to the District Head Quarters 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.

6.4 Medical Treatment: There are 1375 institutions including the medical colleges in the State providing medical treatment under Indian Systems of Medicine and Homoeopathy, with an inpatient capacity of 1210 beds. This includes 475 ISM wings functioning part time in Primary Health Centres under NRHM, in order to popularize the Indian System of Medicine. The details in a nut shell on the number of Regular and NRHM wings and the collective total number of patients treated in these institutions are given below:



6.5 Details of Patients treated during the period from January 2013 to April 2014 in Regular Hospitals, Wings and Dispensaries

Name of System	No. of Patients treated		
	Out-Patients	In-Patients	Total
a. Siddha	2,96,97,414	2,98,510	2,99,95,924
b. Ayurveda	14,21,226	46,886	14,68,112
c. Unani	1,92,292	19,529	2,11,821
d. Yoga & Naturopathy	1,40,563	-	1,40,563
e. Homoeopathy	20,01,914	26,921	20,28,835
Total	3,34,53,409	3,91,846	3,38,45,255

6.6 Details of Out-patients treated during the period from January 2013 to April 2014 in NRHM Wings

Name of the System	No. of Out-patients Treated
a. Siddha	49,53,460
b. Ayurveda	7,65,906
c. Unani	3,70,035
d. Naturopathy & Yoga	7,17,528
e. Homoeopathy	9,78,785
Total	77,85,714

6.7 Details of Patients treated during the period from January 2013– April 2014

Name of System	No. of Patients treated		
	Out-Patients	In- Patients	Total
Siddha	3,46,50,874	2,98,510	3,49,49,384
Ayurveda	21,87,132	46,886	22,34,018
Unani	5,62,327	19,529	5,81,856
Yoga & Naturopathy	8,58,091		8,58,091
Homoeopathy	29,80,699	26,921	30,07,620
Total	4,12,39,123	3,91,846	4,16,30,969

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

6.8 The number of Indian Medicine Practitioners registered with the Tamil Nadu Board of Indian Medicine as on 31.03.2014 is as follows

S. No.	Name of the System	Yoga and Naturopathy	Ayurveda	Unani	Total
1	BUMS (Unani)	-	-	533	533
2	BAMS (Ayurveda)	-	2381	-	2381
3	DAM (Ayurveda)	-	193	-	193
4	Tabib-Kamil	-	-	25	25
5	B2 Class	-	1889	628	2517
6	Enlistment	-	856	198	1054
7	Naturopathy	16	-	-	16

	Diploma				
8	B.N.Y.S	712	-	-	712
	Total	728	5319	1384	7431

Tamil Nadu Siddha Medical Council, Chennai

6.9 The number of Siddha Practitioners registered with the Tamil Nadu Siddha Medical Council as on 31.03.2014 is as follows

Class	No. of Practitioners Registered
BIM & BSMS	4,356
B.S.M. & C.S.P.	26
B-Class	2,246
C-Class	29
Enlistment	2,411
Total	9,068

Board of Integrated Medicine

6.10 The number of Indian Medicine Practitioners registered With the Board of Integrated Medicine as on 31.03.2014 is as follows

Name of the Course	Siddha	Ayurveda	Unani	Total
G.C.I.M	3	160	24	187
L.I.M.	6	290	37	333
Total	9	450	61	520

Tamil Nadu Homoeopathy Medical Council, Chennai

6.11 The number of Homoeopathy Practitioners registered With the Tamil Nadu Homoeopthay Medical Council as on 31.03.2014 is as follows:

Class	No. of Practitioners Registered
A Class	
M.D. (Homoeopathy) Regular & External	302
BHMS	4,743
DHMS	517
Others	93
B. Class	14,133
C. Class	1042
Total	20,830

6.12 The number of students studying in Government ISM & H Medical Colleges are as follows

Sl. No.	Name of the College	Name of the Course	Male	Female	Total
1	Govt. Siddha Medical College, Palayamkotttai	M.D. (Maruthuvam)	6	23	29
		M.D. (Gunapadam)	9	18	27
		M.D. (Sirappu Maruthuvam)	5	23	28
		M.D. (Kuzhanthai Maruthuvam)	8	22	30
		M.D. (Noi-Nadal)	8	22	30
		M.D. (Nanju Noolum Maruthuvam and Needhi Noolum)	11	19	30
2	Govt. Siddha Medical College, Chennai	M.D. (Maruthuvam)	9	21	30
		M.D. (Gunapadam)	7	22	29
		M.D. (Sirappu Maruthuvam)	4	11	15
		M.D. (Kuzhanthai Maruthuvam)	1	14	15
		M.D. (Noi-Nadal)	5	7	12
	Total		73	201	274
1	Govt. Siddha Medical College, Palayamkotttai	BSMS	83	304	387
2	Govt. Siddha Medical College, Chennai	BSMS	61	185	246
3	Govt. Homoeopathy Medical College, Thirumangalam	BHMS	62	208	270
4	Govt. Unani Medical College, Chennai	BUMS	39	87	126
5	Govt. Yoga & Naturopathy Medical College, Chennai	BYNS	26	91	117
6	Govt. Ayurveda Medical College, Kottar, Nagercoil	BAMS	21	125	146
	Total		292	1000	1292
1	Govt. Siddha Medical College, Palayamkotttai	Diploma in Integrated Pharmacy	4	25	29
		Diploma in Nursing Therapy	7	33	40
2	Govt. Siddha Medical College, Chennai	Diploma in Integrated Pharmacy	5	20	25
		Diploma in Nursing Therapy	0	11	11
	Total		16	89	105

6.13 Number of inmates in Men/Women Hostels in the Government ISM&H Medical Colleges as on 31.3.2014

Sl. No.	Name of the College	No. of Men Inmates	No. of Women Inmates	Total No. of Inmates
1	Govt. Siddha Medical College, Palayamkottai	79	354	433
2	Govt. Siddha Medical College, Chennai	66	172	238
3	Govt. Homoeopathy Medical College, Thirumangalam	0	90	90
4	Govt. Unani Medical College, Chennai	0	69	69
5	Govt. Yoga & Naturopathy Medical College, Chennai	0	63	63
6	Govt. Ayurveda Medical College, Kottar, Nagercoil	31	121	152
	Total	176	869	1045

6.14 District-wise Institutions in Indian System of Medicine & Homoeopathy as on 31.03.2014

S.No.	District	Medical Colleges	No. of Regular Wings	No. of NRHM Dispensaries	Total
1	Ariyalur		12	8	20
2	Chennai	3	21	-	24
3	Coimbatore & Tiruppur		51	20	71
4	Cuddalore		27	16	43
5	Dharmapuri		19	14	33
6	Dindigul		30	22	52
7	Erode		39	13	52
8	Kancheepuram		32	15	47
9	Karur		17	12	29
10	Krishnagiri		16	13	29
11	Kanyakumari	1	42	12	55
12	Madurai	1	27	16	44
13	Nagapattinam		33	14	47
14	Namakkal		29	14	43
15	Perambalur		10	5	15
16	Pudukottai		28	14	42
17	Ramanathapuram		28	17	45
18	Salem		45	17	62
19	Sivagangai		28	16	44
20	Thanjavur		31	13	44
21	The Nilgiris		14	16	30
22	Theni		21	11	32

23	Thirunelveli	1	49	19	69
24	Thiruvannamalai		30	20	50
25	Thiruvarur		21	15	36
26	Tiruvallur		28	15	43
27	Thoothukudi		32	23	55
28	Tiruchirapalli		32	18	50
29	Vellore		36	24	60
30	Villupuram		34	22	56
31	Virudhunagar		32	21	53
	Total	6	894	475	1375

6.15 Number of Out Patients Treated in ISM & H from 1992 to April 2014

Year	Siddha	Ayurveda	Unani	Y & N	Homoeo	Total
1992	5793207	211328	64039	-	527442	6596016
1993	6068224	225165	66816	-	649614	7009819
1994	6152772	209994	59124	-	590643	7012533
1995	6425950	222685	69680	-	698015	7416330
1996	6259660	214423	67658	-	709178	7250919
1997	6471387	209276	79930	-	722571	7483164
1998	7389658	232749	108567	14305	746322	8491601
1999	8061479	245020	143787	262514	760559	9473359
2000	8654902	229681	140601	45450	883892	9954526
2001	9810434	265870	162988	18880	969055	11227227
2002	11948329	288607	157832	21323	1123270	13539361
2003	14069138	346448	173010	20656	1262144	15871396
2004	15475528	383977	187317	25153	1099756	17171731
2005	15342315	366557	153755	24467	1194918	17082012
2006	16766227	391866	168645	29911	1377844	18734493
2007	17058790	400231	152493	23492	1347481	18982487
2008	18052493	574598	134391	26689	1386606	20174777
2009	18641365	791600	122214	37423	1379295	20971897

2010	20231946	980916	224264	149215	1595621	23181962
2011	19323828	851457	133012	57693	1308790	21674780
2012	25255057	1615498	378548	572309	2118980	29940392
2013	25981919	1623834	408040	602073	2286531	30902397
Jan 2014-April 2014	8668955	563298	154287	256018	694168	10336726

6.16 Number of In Patients Treated in ISM & H From 1992 to April 2014

Year	Siddha	Ayurveda	Unani	Homoeo	Total
1992	125566	19357	15172	7437	167532
1993	134759	20438	15632	8867	179696
1994	129577	18138	13328	7376	168419
1995	143870	21770	14268	17013	196921
1996	155557	21959	18408	12614	208538
1997	156479	16721	20887	9969	204056
1998	154537	17764	14747	11831	198879
1999	163501	16531	22753	13177	215962
2000	178873	21115	25306	27346	252640
2001	199276	36772	43648	30604	310300
2002	177734	14921	21991	19788	234434
2003	183554	13191	22840	29551	249136
2004	199857	19128	20354	18261	257600
2005	188677	17026	18130	16769	240602
2006	174165	14781	18852	14638	222436
2007	169095	12881	13590	13892	209458

2008	156269	12561	10286	16088	195204
2009	158697	17521	10078	17133	203429
2010	157936	33419	15050	19985	226390
2011	177465	35510	12997	15292	241264
2012	224620	33434	12989	21621	292664
2013	228781	36420	14050	19761	299012
Jan 2014- April 2014	69729	10466	5479	7160	92834

6.17 District-wise Out Patients Treated in ISM & H in Regular & NRHM Scheme (Jan 2013- April 2014)

S. No.	District	Regular	NRHM	Total
1	Ariyalur	377644	74429	452073
2	Coimbatore/ Tiruppur	1782054	317192	2099246
3	Cuddalore	1297299	363403	16660702
4	Dharmapuri	732916	254252	987168
5	Dindigul	899720	320697	1220417
6	Erode	1526078	220656	1746734
7	Kancheepuram	1029825	288231	1318056
8	Karur	468886	214087	682973
9	Krishnagiri	604152	175262	779414
10	Kanyakumari	1303844	218876	1522720
11	Madurai	1014768	320469	1335237
12	Nagapattinam	917133	128128	1045261
13	Namakkal	1206939	264285	1471224
14	Perambalur	281723	45882	327605
15	Pudukottai	1104492	213628	1318120
16	Ramanathapuram	890829	240305	1131134
17	Salem	1966181	316484	2282665
18	Sivagangai	915238	272036	1187274
19	Thanjavur	1010814	181679	1192493
20	The Nilgiris	314855	75892	390747
21	Theni	724429	211991	936420
22	Thirunelveli	2473654	370402	2844056

23	Thiruvannamalai	1162961	353791	1516752
24	Thiruvarur	502143	126863	629006
25	Tiruvallur	998663	283019	1281682
26	Thoothukudi	1392610	502039	1894649
27	Tiruchirapalli	1066999	322203	1389202
28	Vellore	1248171	381411	1629582
29	Villupuram	1381821	367583	1749404
30	Virudhunagar	1164598	360539	1525137
31	AAGHIM,Chennai	1067930		1067930
32	GSMC, Palayamkottai	389393		389393
33	GAMC, Kottar	99456		99456
34	GHMC, Thirumangalam	135191		135191
	Total	33453409	7785714	41239123

6.18 District-wise Out-Patients & In-Patients Treated in ISM&H for the period from January 2013- April 2014

S.No.	District	No of Out Patients Treated in Regular & NRHM Institutions	No of In Patients Treated in Regular & NRHM Institutions	Total
1	Ariyalur	452073	175	452248
2	Coimbatore & Tiruppur	2099246	11836	2111082
3	Cuddalore	1660702	24205	1684907
4	Dharmapuri	987168	10840	998008
5	Dindigul	1220417	4353	1224770
6	Erode	1746734	14420	1761154
7	Kancheepuram	1318056	7543	1325599
8	Karur	682973	722	683695
9	Krishnagiri	779414	1614	781028
10	Kanyakumari	1522720	4131	1526851
11	Madurai	1335237	5463	1340700
12	Nagapattinam	1045261	4665	1049926
13	Namakkal	1471224	4735	1475959
14	Perambalur	327605	3	327608
15	Pudukottai	1318120	910	1319030
16	Ramanathapuram	1131134	7768	1138902
17	Salem	2282665	5209	2287874
18	Sivagangai	1187274	6453	1193727
19	Thanjavur	1192493	3280	1195773
20	The Nilgiris	390747	4156	394903
21	Theni	936420	6445	942865
22	Thirunelveli	2844056	20293	2864349

23	Thiruvannamalai	1516752	4050	1520802
24	Thiruvarur	629006	0	629006
25	Tiruvallur	1281682	853	1282535
26	Thoothukudi	1894649	10594	1905243
27	Tiruchirapalli	1389202	6315	1395517
28	Vellore	1629582	4486	1634068
29	Villupuram	1749404	5406	1754810
30	Virudhunagar	1525137	3950	1529087
31	AAGHIM,Chennai	1067930	86407	1154337
32	GSMC, Palayamkottai	389393	88528	477921
33	GAMC, Kottar	99456	19729	119185
34	GHMC, Thirumangalam	135191	12309	147500
	Total	41239123	391846	41630969

Drug Testing Laboratory

6.19 The tasks accomplished by Drug Testing Laboratory (IM) are given below.

Year	Sample Received	Total No of Samples Tested	Standard Quality	Not of Standard Quality
2009-2010	203	203	141	62
2010-2011	248	248	175	73
2011-2012	927	505	330	175
2012-2013	1063	1185	878	307
2013-2014	825	938	837	101

Chapter - 7

FOOD SAFETY AND DRUGS ADMINISTRATION

7.1 Food Safety Administration

7.1.1 Creation of a new department: Tamil Nadu Food Safety and Drugs Control Administration Department was created on 22-12-2011. The Food Safety and Standards Act, 2006 formulated by Government of India has come into force from 05-08-2011 by repealing the Prevention of Food Adulteration Act, 1954 in order to ensure safe and wholesome food to the community. A sum of Rs.86.50 crore has been sanctioned to the new department.

7.1.2 Infrastructure : The department is headed by the Commissioner of Food Safety at State level who is assisted by the Additional Commissioner, other supportive Staff at State Level and 32 Designated Officers (at the rate of one per district) at Districts and 584 Food Safety Officers (in 385 Blocks and 199 Urban areas) to implement the new Act. Six Food Laboratories established at Chennai, Thanjavur, Madurai, Salem, Coimbatore and Palayamkottai have been notified under the Food Safety and Standards Act for testing food samples.

7.1.3 The Department of Food Safety Administration has the following staff

Sl.No	Name of the Post	No. of the posts
1	Commissioner of Food Safety	1
2	Director and Additional Commissioner of Food Safety	1
3	Deputy Director of Public Health and preventive Medicine Gr.1	1
4	Deputy Director (Information and Management)	1
5	Deputy Director (Administration)	1
6	Administrative Officer	1
7	Superintendent	2
8	Assistant Public Prosecutor Gr.I	2
9	Assistant Public Prosecutor Gr.II	2
10	Health Officer	1
11	Chief Account Officer	1

12	Law Officer	1
13	Designated Officer	32
14	Proceeding Officer	1
15	Registrar	1
16	Senior Analyst	7
17	Microbiologist	5
18	Junior Analyst	7
19	Statistical Assistant	2
20	Food Safety Officer	587
21	Assistant	43
22	Store Keeper	6
23	Junior Assistant	37
24	Typist	1
25	Steno Typist	37
26	Lab Technician Gr.I	10
27	Lab Technician Gr.II	6
28	Driver	36
29	Record Clerk	2
30	Electrician	1
31	Office Assistant	36
32	Lab Attender	6
33	Sweeper	6
34	Watchman	5
35	Duffadar	1
36	Data Entry Operator	41
	Total	931

7.1.4 Appointment of Adjudicating Officers: The District Revenue Officers (Additional District Magistrates) of each districts have been appointed as the Adjudicating Officers under the Food Safety and Standards Act 2006. Adjudicating Officers have been appointed for all the 32 Revenue Districts.

7.1.5 Training : All Designated officers and all Food Safety Officers have been given 5 days orientation training on the implementation of the Food safety and standards act. Similarly training to all 32 Adjudicating officers have been given for a period 3 days on the said act. The training has been given by the resource persons of FSSAI.

7.1.6 License and Registration: Under the Food safety Act, all the Food Business Operators whose annual turnover is more than Rs.12 lakhs have to get license from Designated Officers and with less than Rs.12 lakhs have to get registration certificate from Food Safety Officers for their food establishments. Moreover all the food business vendors are expected to manufacture, store and sell only safe food as per the Food Safety and Standards Act. Licensing/ Registration is being done through online method in all districts, since June 2013.

7.1.7 Activities of the Food Safety and Standards Commisionerate

- Facilitating to ensure safe and wholesome food to the community
- Monitoring Hygiene and Sanitation in all Food establishments including Hotels/Street Food Vendors
- Lifting suspected samples to find out adulteration through Lab Analysi.
- Inspecting Packaged Drinking Water Units for ensuring necessary requirements under Food Safety Act
- Regular monitoring of Vegetables, Fruit markets and soft drinks supply chain
- Strict monitoring of the Ban Order on Gutkha and Pan Masala
- Awareness to Food Vendors/ Caterers /Consumers etc on the importance Quality Food
- Regular checks on supply of critical items like oil, milk, tea, masala powder etc.

7.2 DRUGS CONTROL ADMINISTRATION

Introduction

7.2.1 The Drugs Control Administration has the prime objective of ensuring the availability of quality drugs and cosmetics without any short supply to the consumers by enforcing the provisions of the Drugs and Cosmetics Act, 1940 and Rules 1945, Drugs Prices Control Order 2013 and Drugs & Magic Remedies Act 1954. The Director of Drugs Control is the controlling authority and Licensing Authority for Grant and renewal of licences for manufacture for sale of Allopathic, Homoeopathic Medicines and Cosmetics and also Licensing Authority for Blood Banks and the Drugs Controller General of India, New Delhi is the Central Licensing Approving Authority for the same. There are 14 Zonal offices, one Mobile squad and a Drugs Testing laboratory are functioning under the control of Director of Drugs Control, Chennai-6. The Zonal Assistant Directors of Drugs Control are the Licensing authority for sales concerns and the department has a total of 478 staff.

7.2.2 Target and Achievement of the Drugs Control Administration

- a)** The Government has sanctioned additional posts of 72 Drugs Inspectors, 10 Junior Analyst and 3 Senior Analysts for the drug testing laboratory for the enforcement of the provisions of Drugs & Cosmetics Act 1940 and Rules 1945 and also for the urgent analysis of drugs and cosmetics. On this basis TNPSC has recruited 90 Drugs Inspectors and 23 Junior Analyst in the year 2012. Hence shortage of man power in field level has been done away with.
- b)** Now the Government has also sanctioned Rs.14 crore for the purchase of latest sophisticated instruments for the analysis of drug formulation and for speedy analyses/tests.
- c)** The Drugs Inspectors of this Directorate are conducting 50 routine inspections per month in their jurisdiction under the supervision of the Assistant Director of Drugs Control. The Drugs Inspectors are also drawing 3 samples from Government Medical Institutions and 4 from trade, a total of 7 samples per month for the analysis of drug formulations. The Senior Drugs Inspectors of the Zone are drawing about 5 samples per month from Government Medical Institutions and also from manufacturers of their respective jurisdiction. Thus, quality of drug is checked.

7.2.3 Details of Inspections carried out may be seen from the table below:

S. No.	Details of Inspections	2011-12	2012-13	2013-14
1	Number of Inspections of Sales Concerns	24789	39907	67045
2	No. of Inspections of Manufacturing Concerns	1176	1095	980
3	No. of Inspections of Hospitals and Medical Stores.	939	1205	1988
4	No. of Inspections of Blood Banks	723	522	612
	Total	27627	42729	70625

7.2.4 Details of Samples drawn Tested and Not of Standard quality drugs

S. No		2011-12	2012-13	2013-14
	Total no. of Samples drawn	4074	4128	8356
Details of Samples tested				
1.	No. of Samples Tested	3854	4446	5618
2.	No. of Samples declared as Not of Standard Quality	293	210	314

7.2.5 Details of Prosecution Sanctioned

Details of Sanction Given	2011-12	2012-13	2013-14
For the Manufacture and Sale of Spurious/Adulterated drugs	4	9	5
For the Manufacture and Sale of Not of standard Quality drugs	53	38	26

No. of Sanctions for Other Contraventions under Drugs and Cosmetics Act 1940 and Rules 1945	207	229	248
No. of Sanctions issued under the Drugs & Magic Remedies (Objectionable Advertisements) Act 1954	6	24	23
No. of Sanctions issued under Drugs Price Control Order 1995	-	1	0
Total	270	301	302

7.2.6 Details of special raids conducted apart from the routine inspections / Investigations

- About 18000 vials of Easy Five TT Vaccine B.No. P1062/SBP-A were seized throughout Tamil Nadu for having misleading particulars on Labels during the month of April-July 2013 and complaint has been filed before IV Metropolitan Magistrate court, Chennai-15
- On 04.07.2013, about 329×1 tablets of "Tatkaal-72" (Ormeloxifene Hydrochloride Tablets IP) were seized at Chennai City for having manufactured for sale of misbranded drug and also for the contraventions under Drugs and Magic Remedies (Objectionable Advertisement) Act, 1954. The seized property has been produced before the court for safe custody, the case is now under investigation
- On 08.08.2013, about 502 pieces of Embryo transfer catheters (Medical Devices) were seized at Chennai City for having stocked for sale and sold without valid drug licences and for having stocked for sale and sold misbranded drug. The seized property has been produced before the court for safe custody and the case is now under investigation
- On 31.08.2013, about 294 pieces of Steamz Nicotine Inhalation Cartridges (e-cigarettes) were seized at Chennai City for having stocked for sale and sold without valid drug licences and also for having stocked for sale and sold misbranded drug. The seized property has been produced before the court for safe custody and the case is now under investigation
- Seizure of about 50 blood bags at Virudhunagar Zone for having stock for distribution without licences during the month of Sep-Oct 2013
- On 10.10.2013, "Fluoro touch (Fluorescein Sodium Ophthalmic Strips USP)", 60×100 Strips were seized at Chennai City for having

altered the label of the misbranded drug. The seized property has been produced before the court for safe custody and the case is now under investigation

- On 10.10.2013, the officers of this Directorate have raided about 23 Medical Shops at Madurai and contraventions have been noticed at 3 Medical Shops under the provisions of Drugs and Cosmetics Act and Rules
- On 28.10.2013 and 29.10.2013, drugs worth about Rs.1,10,000 have been seized for the contraventions of section 18 (b) of Drugs and Cosmetics Act and Rules for having stocked the drugs for sale which has been manufactured without valid manufacturing licence
- On 12.11.2013, drugs worth about Rs.32,000 have been seized at Madurai for having stocked drugs for sale without valid drug licence under Drugs and Cosmetics Act and Rules
- On 13.11.2013, drugs worth about Rs.8,300 have been seized at Madurai for having stocked drugs for sale without valid drug licence under Drugs and Cosmetics Act and Rules
- On 18.12.2013, drugs worth about Rs.1,84,000 have been seized at Iswarya Fertility Centre, Madurai for the contraventions of section 18(c) of Drugs and Cosmetics Act and Rules, for having stocked the drugs for sale without valid drug licence
- On 30.12.2013, huge stocks of Vicks Action 500 for the value of about Rs.32,00,000 have been seized at Tiruchirapalli for the contraventions of section 18(c) of Drugs and Cosmetics Act and Rules, for having stocked the drugs for sale without valid drug licence
- On 24.2.2014, 2340 ampoules of Tetanus toxoid worth about Rs.20,000 have been seized at M/s.Prakash Pharmacy Pvt. Ltd.,Chennai for the contraventions of section 18(c) of Drugs and Cosmetics Act read with Rule 65 (17) for having not stored the drugs at prescribed temperature

Periodical information are given to all the enforcement officers of this Directorate about the details of the movement of NSQ/Spurious drugs through the respective Assistant Directors of Drugs Control and also through SMS to prevent the sale and Distribution of NSQ/Spurious drugs.

Chapter - 8

TAMIL NADU STATE HEALTH TRANSPORT DEPARTMENT

8.1 The State Health Transport Organization started functioning from 1959 onwards with the launch of 6 mobile repair units for the maintenance of Health and Family Welfare Department vehicles. In 1971, the Government of India approved the establishment of the Tamil Nadu State Health Transport organization with Head Office at Chennai, one Central Workshop at Tiruchirappalli and 3 Regional Workshops at Chennai, Salem and Madurai and increased the mobile team strength to 15. The Tamil Nadu State Health Transport Department was formed in the year 1981 as a separate Directorate exclusively for the maintenance of Health and Family Welfare Department vehicles. Consequent to the formation of a Separate Directorate, this Department has made several significant strides as it passed through different phases of its development. Additional Mobile Workshops, District Workshops and Regional Workshops were formed to strengthen the services. Subsequently, Old obsolete model petrol vehicles were replaced with new diesel vehicles. In 1995, the Tamil Nadu State Health Transport Department was converted as Tamil Nadu State Police Transport Workshop to maintain Police Vehicles plying throughout the state. However, the decision was subsequently reversed and Tamil Nadu State Health Transport Department was revived and restored to its original form. At present, seven regional workshops, nine district workshops and twenty nine mobile workshops, four mini workshops and one reconditioning unit are functioning under the administrative control of this Directorate. Currently, this Department maintains 2,717 vehicles attached to the various Directorates of Health and Family Welfare Department and a three-tier structure is followed for their effective and economical maintenance.

Details of workshops

8.2 The details of the workshops under this department are as follows:

S. No.	Head Quarters of 7 Regional Workshops	Headquarters of 9 District Workshops	Headquarters of 29 Mobile Maintenance Units
1.	Chennai	Chengalpattu	Chennai (S) Chennai (N) Chengalpattu Kancheepuram Thiruvallur
2.	Vellore	Villupuram	Vellore Cuddalore Villupuram Tiruvannamalai
3.	Salem	Dharmapuri	Salem Dharmapuri Krishnagiri
4.	Coimbatore	Udhagamandalam Erode.	Tiruppur Erode Udhagamandalam
5.	Tiruchirappalli	Thanjavur Pudukkottai	Tiruchirappalli, Thanjavur Perambalur Nagapattinam.
6.	Madurai	Virudhunagar	Madurai Theni Ramnathapuram Sivagangai Dindigul Virudhunagar
7.	Tirunelveli	Nagercoil	Tirunelveli Sankarankoil Nagercoil. Thoothukudi

8.3 Sanctioned staff strength : The details of the staff strength of this department are as follows

Sl. No.	Designation	Sanctioned Posts (as on 01.01.2014)
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, Watchman and Gardener	94
	TOTAL	669

Activities

8.4 The Major activity of this Department is the maintenance of vehicles attached to the Health and Family Welfare Department in an effective and economical manner. It also acts as a repository for all data related to vehicles maintained by it. In Co-ordination with the Vehicle Owning Officers, this Department identifies aged and obsolete model vehicles that are uneconomical for further retention and take steps for its condemnation and speedy disposal. This Department based on the

requirements of the Medical Officers short-lists and recommends the right type / make of vehicles to be purchased by the concerned Health and Family Welfare Department. This Department, with its expertise in the field of Fleet Management, provides complete solutions to all vehicle related problems encountered by the Medical Officers.

Performance

8.5 The percentage of fleet in operation which was 72.6% at the beginning of the formation of this Department in the year 1981 has progressively improved to 98% in the Year 2013-14. The year wise figures of jobs attended are given below:

Sl. No.	Year	No. of Vehicles Repaired
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
6.	2006-07	15,208
7.	2007-08	15,068
8.	2008-09	16,235
9.	2009-10	16,088
10.	2010 - 11	19,238
11.	2011 -12	18,548
12.	2012 -13	17,453
13.	2013-14	18,423

Fleet Details

8.6 Directorate wise Fleet maintained by this Department (as on 31.03.2014) is as follows

Sl. No.	Name of the Directorate	No. of vehicles
1	Public Health and Preventive Medicine	1,693
2	Medical and Rural Health Services	276
3	Medical Education	197
4	Family Welfare	446
5	Drugs Control	5
6	Indian Medicine and Homoeopathy	8
7	State Health Transport Department	57
8	Food Safety & Drugs Administration	33
9	Medical Services Recruitment Board	2
	Total	2,717

Chapter - 9

STATE HEALTH SOCIETY

9.1 The State Health Society, Tamil Nadu was formed and registered under the Tamil Nadu Societies Registration Act on 15.3.2006. Similarly all the District Health Societies have also been registered under the Tamil Nadu Societies Registration Act, 1975.

9.2 Salient achievements of the first phase of the National Health Mission ending 31st March 2014 are given below

- ❖ PHCs have been made functional into 24 x 7 basis with 3 staff nurses
- ❖ PHC deliveries have increased from 5 % to 28 %
- ❖ 3,97,351 Beneficiaries have been provided with Janani Suraksha Yojana
- ❖ All the PHCs were provided with computers and broad band connections for effective reporting
- ❖ 5,02,439 AN mothers attending the Ante-natal clinic in the PHCs have been provided with diet
- ❖ 2,18,229 PN mothers delivering in the PHCs have been provided with diet
- ❖ 14,968 identified High Risk AN mothers have been admitted and observed at the 30 bedded UG PHCs
- ❖ 62,434 AN mothers identified as moderate anemia have been provided with Iron Sucrose infusion
- ❖ 29,861 Units of blood have been transfused by the Blood Storage Centres of the PHCs
- ❖ 36 Medical Officers were placed in Medical Colleges exclusively for High Risk Mother Observation
- ❖ 172 counsellors placed in the health facilities for RMNCH +A counselling activities
- ❖ 2,32,925 pregnant women have been transferred from house to health facility and also inter-facility transfer

- ❖ 1,34,671 delivered mothers have been dropped back from health facility to their houses
- ❖ 320 PHC operation theatres were operationalised
- ❖ 64 Special New Born Care units (SNCU) in Medical College and District Head Quarters Hospitals established with trained pediatricians and staff nurse
- ❖ 114 New born stabilization units (NBSU) in District Hospital/Sub District Hospital established with 3 exclusive staff nurses
- ❖ 2 Nutrition Rehabilitation centres established at Dharmapuri MCH and Perambalur Government Headquarters Hospital with staff nurse & Nutrition counsellor
- ❖ Congenital Defects Programme:
 - i. 32,450 children aged between 0-15 years have been identified with congenital deformity and developmental defect.
 - ii. 3,524 Children have been identified for medical intervention.
 - iii. 3,822 Children have been identified for surgical correction.
 - iv. 64 children have undergone surgical correction
 - v. 1,285 Children have been identified for rehabilitation.
- ❖ Life Saving Anaesthesia training given to 387 MBBS doctors for managing emergency obstetric care
- ❖ Infrastructure Upgradation:
 - i. 118 New Primary Health Centre have been created in the year 2013-14.
 - ii. 64 PHCs have been upgraded
 - iii. 378 Staff Nurse Quarters have been constructed.
 - iv. 214 Maternity Blocks have been constructed.
 - v. 5 New Drug Ware Houses have been newly established.
 - vi. New Training Centres have been constructed at Thiruvarankulam.
- ❖ Village Health, Water, Sanitation, and Nutrition Committees were formed in all the 12,524 village Panchayats and in 2,540 wards of 541 Town panchayats
- ❖ Patient Welfare Societies were formed in all the 31 Districts & 231 Taluk & non taluk hospitals and 1,614 PHCs
- ❖ 385 Mobile Medical units operationalised with appointment of Medical officers and Staff nurses

- ❖ ISO Quality Certification for 48 PHCs
- ❖ Dental Clinics in 266 PHCs and 29 Taluk/Non-Taluk Hositals
- ❖ AYUSH (Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homoeopathy) services in 475 PHCs
- ❖ Janani Suraksha Yojana (JSY), Janai Shisu Suraksha Kariyakram (JSSK), Mobile Medical Unit (MMU), Sanction of additional staff and implementation of various Maternal and child Health (MCH) Programmes

9.3 Tamil Nadu State Blindness Control Society

9.3.1 The National Programme for Control of Blindness was launched in 1976 to prevent and reduce the prevalence of blindness in the country. It was extended and functioned as the World Bank assisted Cataract Blindness Control Project till 30.6.2002. The scheme was then converted into a Centrally Sponsored Scheme and is funded as part of the National Rural Health Mission (NRHM) from the year 2005-06.

9.3.2 The main objective of the programme is to reduce the prevalence of preventable blindness. Towards this goal, the Tamil Nadu State Blindness Control Society was formed as a separate entity from 1.4.1996. The Tamil Nadu State Blindness Control Society has been merged with the State Health Society after the implementation of NRHM in the state. The Project Director in charge of the programme is a senior Ophthalmologist of the rank of Additional Director of Medical Education, who is responsible for the smooth implementation of the scheme. He works under the administrative control of the Secretary to Government, Health Department and the financial control of the Mission Director, State Health Society. The District Blindness Control Societies which were formed to govern the activities of the National Blindness Control Programme with the Collector is the Chairman of the Society have also been merged with the District Health Societies formed under NRHM. Each district has a District Programme Manager who is a senior Ophthalmologist in the district.

9.3.3 Performance

Physical: The Government of India every year fixes target to all States for doing cataract operations, School Eye Screening and collection of donated eyes. The Society in turn allocates the target to all the 31 districts Blindness Control Societies in the State. The Secretary to Government, Health & Family Welfare Department and Mission Director, National Rural Health Mission are reviewing the financial and physical achievements at the end of each quarter. The achievement for year 2013-14 are given below:

S. No.	Particulars	Achievement during 2013-14
1	Cataract Operations	5,94,099
2	Eye Donation: Collection of Eyes	10,501

Chapter - 10

TAMIL NADU HEALTH SYSTEMS PROJECT(TNHSP)

10.1 Tamil Nadu Health Systems Project is a World Bank funded Project under implementation in two phases since January 2005. The current phase of the Project is implemented with a project cost of Rs.627.72 crore and the Project has successfully implemented various health infrastructure and human development resources related activities. Some of the important performance outcomes are as follows-

Chief Minister's Comprehensive Health Insurance Scheme

10.2 This flagship scheme of the Government of Tamil Nadu aims at extending quality health care services to the families below poverty line by extending health insurance coverage to them. So far 1.30 crore smart cards have been distributed to the families. Currently, 769 Private and Government Hospitals have been empanelled under the scheme. Since inception of the scheme in 2012, as on 31.7.2014, 7.60 lakh persons have benefited under the scheme with an approved treatment value of Rs.1620.17 crore. Of them 2.97 lakh were treated in Government Hospitals with an approved treatment value of Rs.573.32 crore.

Corpus Fund under Chief Minister's Comprehensive Health Insurance Scheme

10.3 To enable the needy and poor people to undergo high cost surgical treatment like liver transplantation, renal transplantation, bone marrow transplantation, etc. a corpus fund has also been created under the scheme as per the orders of the **Hon'ble Chief Minister**. As on 31.07.2014, 1469 persons have benefited under the scheme.

Emergency Ambulance Services '108' and Free Hearse Service

10.4 Under the 108 Emergency Ambulance Services, the number of vehicle which was 427 in the year 2011-12 has increased to 638 with the total number of beneficiaries registering an increase from 5 lakh to 7.9 lakh during the same period. Now the ambulances have increased to 684 in July 2014. The State Government expenditure on 108 ambulance services was almost doubled from Rs.47.07 crore to Rs.88.4 crore during 2013-14. Further 138 vehicles are being operated under Free Hearse Service programme and 1.48 lakh dead bodies were transported at free of cost. During 2013-14, Rs.8 crore was spent for this programme.

Other major activities

10.5 The Tamil Nadu Health Systems Project is also actively implementing Health Management Information System(HMIS) to computerize and integrate all the health facilities in the State at a cost of Rs.172 crore.The Project is also implementing the Non Communicable Disease screening and treatment programme to cover Cardio Vascular Disease, Diabetes Mellitus, Cancer Cervix and Breast Cancer. During the year 2013-14. Rs.27.7 crore has been spent for this programme. 3,77,08,228 patients have been screened for the above diseases and the patients found positive are provided treatment in Government health facilities. To improve the mother and childcare, 125 CEmONC Centres are being monitored under this programme effectively, reducing the MMR rate in Tamil Nadu at 90 against an all India ratio of 178. During the year 2013-14, 2.82 lakh maternal admissions were made in CEmONC Centres and 87,547 Lower Segment Caesarian Section (LSCS) deliveries were also conducted. Outsourcing of Housekeeping and Security Services is another key activity undertaken by Tamil Nadu Health Systems Project in 32 Medical College Hospitals and Tamil Nadu Government Multi Super Speciality Hospital, Omandurar Estate, Chennai and in 48 Government Hospitals having more than 200 beds, improving the upkeep and hygiene of the hospital and its environment.

Chapter - 11

TAMIL NADU MEDICAL SERVICES CORPORATION

Organization

11.1 Tamil Nadu Medical Services Corporation (TNMSC) Limited was incorporated as a Company under Companies Act, 1956, on 01.07.1994. Since then, it has grown in functional importance and stature and its activities have expanded from procurement and supply of drugs, high end medical equipment for providing diagnostic facilities to various medical institutions in the State, and management of CT & MRI Scan Centres. It is now an ISO 9001:2008 Certified Organization.

Purchase of Drugs and Medicines

11.2 As against the funds deposited, the procurement of drugs and medicines is made to the extent of Rs.327.73 crore in the year 2012-13, as against the funds deposited for procurement of Drugs and Medicines for the year 2011-12, was made to the extent of Rs.209.04 crore.

Year	Procurement (Rs. in crore)
2008-09	175.24
2009-10	206.04
2010-11	202.86
2011-12	209.04
2012-13	327.73
2013-14	356.77

The availability of drugs for distribution to various Government medical institutions through the warehouses in the State is ensured by closely monitoring the stock position and the procurement process through computerized inventory management system. By means of effective communication systems, required stocks are made available in all the warehouses at any point of time, and the details of actual stocks are also available on the website which can be easily accessed by the medical institutions.

Storage and Distribution

11.3 The Government Medical Institutions are provided with pass books based on the allotment made by the respective Head of Departments to

enable the institutions to draw their requirement of drugs and medicines from the warehouse to which they are attached. The Corporation maintains about five months' physical stock in the warehouses and two months' stock in pipeline for ensuring uninterrupted supply of medicines to hospitals.

Quality Control

11.4 The Corporation has established a Quality Control Section to ensure quality of drugs procured. Samples are drawn from each batch of supply and tested in empanelled analytical laboratories (selected through open tender system) to ensure the quality of drugs. Only the drugs which pass quality tests are issued to hospitals. The quality control measures are being upgraded to further improve the quality and to meet the new challenges in the field.

Advanced Diagnostic Facilities

11.5 The Corporation is maintaining 61 CT Scanners (including two Nos. of 128 slice CT Scanners and two Nos. of 64 slice CT Scanners), at 51 Centres in Government Hospitals. The Corporation is collecting nominal user charges at the rate of Rs. 500/- per scan for both in-patients and out-patients with an extra charge of Rs.300/- for contrast cases. The Corporation is also maintaining 15 MRI Scanners and providing scanning facility to the public at a nominal charge of Rs.2500/- with an extra charge of Rs.1500/- for contrast cases. The Corporation is also maintaining two Lithotripsy machines, one each at Govt. General Hospital, Chennai and Government Rajaji Hospital, Madurai. A nominal fee of Rs.5000/-, Rs.4500/- and Rs.4000/- is fixed for first, second and third sitting respectively for this treatment.

Providing logistic support to payment wards

11.6 TNMSC is providing logistic support to the pay wards out of revenue collected at the following hospitals and act as Custodian of Funds for these Centres.

- i. The ISO 9001 certified GI Bleed and Hepato Biliary Centre in the Surgical and Gastroenterology Department in Government Stanley Hospital, Chennai, is now upgraded as Liver Transplant Centre.
- ii. Pay ward (Maternity) in IOG, Egmore, Chennai, was established in Feb 2003.
- iii. Pay ward (Maternity) at Kasturba Gandhi Hospital for Women and Children, Chennai, was established in May 2004.

- iv. Pay wards at Government General Hospital, Chennai, was established in Jan 2008.
- v. Master Health Checkup Centre at Government General Hospital, Chennai.

Consultancy Services

11.7 TNMSC is a well known 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 works for the Health & Family Welfare Department, Government of Andhra Pradesh, Madhya Pradesh and Rajasthan. Delegates from various States have visited and appreciated the transparent, efficient, economical and rational drug logistic system followed by the Corporation and expressed their wish to replicate the same in their own State.

Chapter - 12

TAMIL NADU STATE AIDS CONTROL SOCIETY (TANSACS)

12.1 Tamil Nadu has been successful in bringing the HIV/AIDS prevalence rate to 0.25 %, with an effective leadership, efficient administration, Civil Society, NGOs and commitment of all the stake holders. The annual budget to Tamil Nadu for the year 2013-14 was Rs. 9605 lakh for the following programmes.

Targeted Intervention (TI)

12.2 With a aim to create awareness among High risk & Vulnerable population and to prevent HIV/AIDS, Targeted Intervention (TI) projects are implemented through NGOs/CBOs for intervention among FSW (Female Sex Workers), MSM (Men having Sex with Men), IDU (Injecting Drug Users), Transgender (TG), Migrant and Truckers etc. The scheme is being executed as follows :

Year	Target	Achievement
2013-14	92	84

The approved budget for this programme is Rs. 1438 lakh, out of which an amount of Rs. 1389 lakh has been spent.

Blood Safety

12.3 In Tamil Nadu 85 Govt. Blood Banks are functioning in Government Hospitals and Government Medical College Hospitals. 9 Blood Banks are functioning under State & Central Government Institutions. 185 Blood Banks are functioning in NGOs/Trust/Private Hospitals to cater the need of blood and blood components of all needy patients throughout the State of Tamil Nadu.

A unique website has been launched to improve the blood service in the State (www.tngovbloodbank.in) to know the blood stock, blood donation camp details and particulars of blood banks. Voluntary blood donors can register their names in the web site for blood donation.

Sexually Transmitted Infection (STI) Services

12.4 TANSACS supports 156 STD clinics in Government Medical Colleges, Government Headquarters Hospitals & Government Hospitals. These clinics are branded as "SUGA VAZHUVU MAIYAM" (SURAKSHA – Well being clinics). One trained STI Counselor is posted at each of the designated STI clinic for counseling on STI/RTI and HIV – transmission and

prevention, Treatment compliance and follow up, Partner treatment & Condom promotion. Medical officers, Staff nurse and Lab. Technician from each Hospital are trained on STI/RTI treatment, care and follow up. All the STI/RTI OP attendees are screened for Syphilis and HIV at ICTC. All Antenatal mothers are screened for Syphilis and HIV along with other basic investigations done for them. All HRGs are screened for STI, every three months and Syphilis and HIV, every six months.

Year	Component	Target	Achievement
2013-14	Physical targets of the episodes to be treated (TANSACS)	3,08,286	3,41,634
	TI NGOs	1,02,229	1,94,048

The approved budget for the programme for the year 2013-14 is Rs.290.90 lakh, out of which, an amount of Rs.220.56 lakh has been spent upto February 2014.

Integrated Counseling and Testing Centres (ICTC)

12.5 The utmost important activity in prevention and control of HIV is counseling and testing service which serves as the entry point for identifying HIV infection and for providing care, service and treatment facilities to the affected people. A total of 1471 Integrated Counseling and Testing Centres (ICTCs) are functioning in the State at various Government Health Service providers and with Private Public Partnership, including 17 Mobile ICTCs to reach mountainous and unreachable areas. A target of 25 lakh for the year has been fixed for conducting counseling and testing among various categories of clients. The details of targets and achievements for the year 2013-14 are as given below:

Year	Component	Achievement
2013-14	Testing of general clients	17,71,177
	Testing of ANTE-NATAL CHECKUP (ANC)	7,50,149
	Detection of HIV+ve Pregnant Women	662

Care, Support and Treatment (CST)

12.6 Apart from the existing 49 ART Centres, during the year 2013-14, 3 more new ART Centres have been established in Thirumangalam, Omlaur and Kumbakonam and are functioning. Apart from the existing 103 Link ART centres, during the year 2013-14, 50 more new Link ART centres have been established in the Primary Health Centres, where the PLHIVs can go and get the ARV drugs at their nearest places. Link ART centres are functioning in the districts to treat the Opportunistic infections, Counseling (adherence Counseling, Nutrition counseling & Psycho social counseling), Tracking of Lost to Follow up (LFU) and missed cases etc. 76,858 PLHIVs are taking regular ART medicines through these centres.

Year	Component	Physical Target	Physical Achievement	Sanction	Exp.
				(Rupees in lakh)	
2013-14	CST	3 New ART centres	3 New ART centres	13.50	13.50
		50 New Link ART Centres	50 New Link ART centres	22.50	22.50

Tamil Nadu Trust for Children Affected by AIDS (TNTCAA)

12.7 With a view to provide welfare measures to the children affected and orphaned by HIV/AIDS, Tamil Nadu Trust for Children Affected by AIDS was formed by the Government and sanctioned Rs 5.00 crore, which has been deposited as Corpus Fund in Tamil Nadu Power Finance Corporation. The interest accrue against the deposited amount is being utilized as financial assistance for education, medical treatment and nutritious supplement to Children affected and infected by HIV/AIDS. Since 2009, the affected children have been supported through the District Collector. In order to provide additional financial assistance, Government of Tamil Nadu has sanctioned an amount of Rs.5.00 crore additionally to TNTCAA to help 1,000 more children, who are infected and affected by HIV/AIDS. In the year 2013-14, a sum of Rs.44.33 lakh have been disbursed to 1,134 children infected and affected by HIV/AIDS.

Information, Education and Communication (IEC)

12.8 The Information, Education and Communication activities are an integral part of all activities of TANSACS. The activities tend to motivate behavior change in a cross-section of specific populations, reduction of stigma & discrimination and demand generations for HIV/AIDS services.

Dissemination of messages related to HIV awareness through Mass Media, Outdoor activities like the campaigns, events, shows, outreach activities, Branding of Buses and Trains, erections relevant to the program implemented as Temporary and Permanent Hoardings, Exhibit Panels/Standees and other publicity materials has an informed reach among the target group.

The Folk Media Campaign was one of the major campaigns in the year 2013-14 which reached 6 lakh people spread across 3000 villages in 16 districts of Tamil Nadu. The urban and the semi urban people were reached with the traditional folk forms of Tamil Nadu – Street Play, Folklore Karagattam, Oyillatam, and Bhomaltam at the migrant district. This campaign was conducted in phased manner with 16 districts in Phase I. The Campaign had information on the services provided by TANSACS through ICTC, PPTCT, Blood Safety, STI/RTI, ART, HIV-TB, removal of Stigma & Discrimination towards PLHIV, TI (MSM, FSW, IDU) and also to the migrants through folk performance. This Folk Media Campaign in the year 2013-14 was exclusively branded as '**Nam Nalam Nam Kaiyil**' meaning *our health is in our hands*. The mobile vans were also used during the campaign for promoting counseling and testing among the rural people.

Mainstreaming

12.9 Under mainstreaming HIV/AIDS response front line workers and personnel from various departments, civil society organizations and corporate sector have been trained. The major Initiatives with various departments during the current financial year are:

Transport Department	provision of free transport facility for PLHAs on ART.
Labour Department	Initiated ICTC services in ESI hospitals
Tourism Department	Trainers training program for Tourist Guides and lodge owners
Rural Development	Training on HIV through SIRD, Green House Scheme for PLHIV
Revenue Department	Farmer Pension Scheme for PLHIV
Police Department	76,053 Personnel trained throughout the State
HIV initiatives mainstreamed with	CRPF, RPF, TN Special Police.

Greater Involvement for the People Living with HIV/AIDS (GIPA)

12.10 Tamil Nadu State Aids Control Society (TANSACS) has envisaged building of experience by strengthening the organizations of PLHIVs at the State and the District Level by Promoting GIPA through sensitizing the implementing agencies (Government, Public, Private Sectors and Civil Society) and created an enabling environment for enhanced involvement of PLHIVs in the state

- Establishment of PLHIV networks in all the districts
- Peer counselors from the PLHIV networks as staffs in ICTCs and ARTs as a community counselors
- Established state level Grievances redressal mechanism & Free Legal services through Legal clinics
- Improving skills of PLHIVs as positive speakers at the District level by providing Capacity building trainings
- 250 - PLHIVs from the DLNs have been trained as positive speakers at the district level during 2013-14 period
- Tamil Nadu is the fore front state in providing social benefits for the PLHIVs and Minorities, the existing schemes are :- Monthly pension of Rs.1000/- under (Honorable CMs Uzhavazar Pathakappu Tittam), Free bus passes to ARV Medications, Top priority for the PLHIVs in Widow & OAP pension schemes, AAY Scheme, CMs green Housing scheme, SHG & THADCO loans, NREGA, Skill up gradation trainings to WPLHIVs & Transgender welfare Board to TG communities .

Hello + Helpline 1800 419 1800

12.11 The Hello Plus Toll Free Help Line - 1800 419 1800 operates to inform the right information about HIV& AIDS,STI and also to clear the myths, misconception and doubts about HIV&AIDS by routing the callers to the service centres directly. This also helps to support PLHIV and their Family Members, relieving self stigma of PLHIV by supporting and helping them and their families. This toll free helpline has received around one lakh calls soliciting information about the transmission, testing and positive prevention.

Red Ribbon Club

12.12 Red Ribbon Club program in 2458 Colleges has been working on raising the youths risk perception, behavior change among them by awareness programs. This program covers Arts & Science, Polytechnic, Engineering, Medical, B.ED colleges and Teacher Training Institutions. 1065 Programme Officers were trained on RRC (920 Programme Officers from DIET/TTI & 145 Programme Officers from Polytechnic Colleges). In DIET/TTI's - 860 Peer Educators & 18,000 Volunteers were trained on Red Ribbon Club Programme.

Life Skill Education Program in Schools

12.13 Life skill Education Program (LSEP) in schools is being conducted through State Council of Educational Research & Training (SCERT) and covered 10106 schools and 10700 teachers were trained.

Intervention among Self Help Group on HIV & AIDS

12.14 The Tamil Nadu State AIDS Control Society (TANSACS) and Tamil Nadu Corporation for Development of Women (TNCDW) jointly implementing an intervention program for women in Self Help Groups in raising the awareness of the SHG in combating STI/HIV/AIDS. This intervention has reached 1, 33, 789 SHGs covering 21, 40,624 SHG women in 19 districts in Tamil Nadu conducted in 7 phases.

Strategic Information Management System (SIMS)

12.15 Strategic Information Management (SIMS) is a web based integrated online Monitoring and Evaluation system, rolled out in Tamil Nadu, since 15-09-2011. All the 29 DAPCUs and the NGOs implementing Targeted Interventions have been connected over net to update the data, monthly. Necessary training have been imparted to the staff, to handle the system. During the year 2013-14, SIMS refresher training have been imparted to the staff from Integrated Counseling and Testing Centres, Public Private partnership ICTCs, Blood Banks, Sexually Transmitted Disease centres, NGOS who is implementing Targeted Interventions and State AIDS Control Society level.