

MEDICAL AND PUBLIC HEALTH

The Health Care system is being implemented in the Union Territory of Puducherry through various Schemes in the Health Sector with a view to provide preventive and curative health care by health protection, promotion and rehabilitation.

The Health Care in the Union Territory of Puducherry is delivered through a network of 8 major Hospital, 4 CHCs, 39 PHCs, 77 Sub-Centres, 14 ESI Dispensaries and 17 Disease Specific Clinics. Annually over 57 lakhs out patients and over 1.40 lakhs in-patients are treated in these 159 health care centres/Institutions. In the Health Care Delivery Services, the Union Territory of Puducherry has been adjudged as the best in the country. The effective implementation of various Five Year Plans has ensured accessible medical care within an average distance of less than 1.18 kilometres.

MEASURES TAKEN FOR INCREASING INFRASTRUCTURE FACILITIES

- Multi-Speciality Hospital at Karaikal will be taken in the next year for which land acquisition work is under progress.
- Construction of Building for Sub-Centre at Allankuppam, Panithittu, Pillaiyarkuppam and Nallavadu in Puducherry region and Kurumbaagarar in Karaikal region.
- 10 Nos. of Ambulances are provided to PHCs under MPLADS fund which will be utilized for transporting patients from the rural areas to the referral institutions.
- Establishment of new Sub-Centres at Panithittu, Thondamanatham, Parikalpattu and Pinnachikuppam.
- Construction of Annex Building at PHCs Muththialpet and Bahour.

IMPROVEMENTS IN VARIOUS HOSPITALS / SERVICES

General Hospitals

The Indira Gandhi Government General Hospital and Post Graduate Institute, Puducherry is one of the premier institution in Puducherry equipped with latest equipments like Cath Lab, CT Scanner, MRI Scanner, Transesophageal Echocardiography, Holter Monitor and Telemedicine facilities. This institution has been accorded with accreditation for I parting Post Graduate Training to Doctors. This institution has been accorded for intake

of 56 Senior Residents for a period of three years. It is also recognized by the Medical Council of India for imparting Compulsory Rotatory Internship Training (House Surgeons for 30 students per year). A special Master Health Check up Programme is in operation in this Hospital. Under Renal Transplant Programme, organ transplantation facility has been functioning since 01-3-2006. Weekly Special Clinics are conducted in the General Hospital, Puducherry from 11.30 am to 1.00 pm in addition to the routine OPD hours for Cardio Valvular Disease, CAD, Hypertension, Dermatology, Dentistry, Geriatrics, Diabetes, Epilepsy, Endocrinology, Glaucoma, Xerophthalmia, Audiology, Vertigo, Fracture Follow up Well Baby Clinic, Nutrition for babies, Neonatal Surgery, Spinabifida, Hydrocephalous, De-addiction, Gastro-Enterology, Surgical Post-Operative follow-up, Immunology Clinic and ART Centre.

Maternity and Child Health Services

The Maternity Hospital is providing better medical care to the pregnant women and babies. Prevention of Parent to Child transmission of HIV infection Programme is also established. The Maternity Hospital providing institutional safe deliveries alongwith qualitative pre-natal, neo-natal and post natal child care services has been equipped with state of art equipments like lapscopes, histeroscope, 4 dimesnsional scanner, Harmonic Scalpel, Advanced Operation Table with 'C' Arm compatibility.

TB Control Programme

TB Control Programme is implemented in Puducherry with the help of two institutions - Chest Clinic for screening of out-patients and Government Hospital for Chest Diseases for treating the inpatients. The Government Hospital for Chest Diseases render in-patient services to patients suffering from Tuberculosis and non-tubercular chest diseases with strength of 138 beds and a separate ward for AIDS with 20 beds for 11 lakhs populations of Puducherry and sub-urban areas.

Leprosy Control Programme

National Leprosy Eradication Programme is being implemented successfully in the U.T. of Puducherry with the introduction of Multi Drug Therapy since 1989, The Leprosy services were integrated into General Health Care system in March 2000 in all four regions in

U.T. of Puducherry wherein the Leprosy cases are diagnosed and treated with MDT drugs at PHCs / CHCs down to the sub-centre level.

ESI Scheme

Under this scheme, medical insurance coverage to the industrial, factory, school, mill employees through 14 ESI Dispensaries in Puducherry, Karaikal, Mahe and Yanam and one ESI Hospital at Indira Nagar, Gorimedu, Puducherry. ESI Scheme has providing medical reimbursement for speciality treatment and Super speciality treatment for Insured Persons. ESI Corporation reimburses quarterly 7/8th of the total expenditure incurred under this Scheme.

Improvements to Food and Drugs Administrations

Enforcement of various rules and acts related to the food, drug and cosmetics is implemented with the help of Food and Drugs Administration office and Public Health Laboratory. The activities of the Food and Drug Administration includes issue of drug license, food license, control of illegal drugs, prevention of food adulteration, etc. The Public Health Laboratory is the only Scientific and analytical Institution in the Union Territory of Puducherry which is undertaking the analysis of Forensic samples (Toxicological aspects alone), water Samples, drug samples, Excise samples, etc. in order to cater the needs of the Public and Government departments to establish the facts of scientific expertation knowledge as evidence before the Court of Lwt to book the offender. Testing of food, drugs, blood samples and forensic investigations are the activities of the Public Health Laboratory.

Health Insurance Scheme

A **Health Insurance Scheme** has been launched in outlying regions of Mahe and Yanam during the year 2008-09 whereby BPL families will be covered for health services in private and corporate hospitals to a maximum of Rs.2,50,000/- per family of five member on floater basis.

WOMEN AND CHILDREN HOSPITAL

The construction work of Women and Children Hospital was started in the year 2004 with the provision for 700 beds at an estimated cost of Rs.35.15 crores. Now about 80 % of the civil works has been completed.

MULTI-SPECIALITY HOSPITAL, KARAIKAL

The present Hospital consists of Buildings constructed long back. The main building is more than hundred years old. There is no place for systematic improvement for various specialities in the present building as they are situated in different locations in the complex. At times of disaster, the hospital has to provide life saving treatment to the affected population. But, the proximity of the present location to the sea shore with vast open land in between, make the hospital itself vulnerable to the onslaught of cyclone, Tsunami etc., In the last Tsunami incident, major areas of the hospital was inundated further, practically access to the hospital is very limited due to the very narrow roads. Large scale admission /evacuation is not possible. As such the hospital is not only able to provide disaster management to the people, but poses danger to the inmates during emergency. Hence in order to address needs of Karaikal population at times of emergency and normal time, the relocation of the General Hospital, Karaikal has been included under Tsunami Rehabilitation Project to continue to provide promotional, preventive and curative health care.

NOTE ON THE PERFORMANCE ON CRUCIAL INDICATORS

In the Health Care Delivery Services, the Union Territory of Puducherry has been adjudged as the best in the country. There are 8 major Hospitals, 4 CHCs, 39 PHCs and 77 Sub-Centres for a total population of 9,73,829. The Bed population ratio is 1: 422, Doctor population ratio is 1:196, Nurse population ratio is 1:1030 and Doctor Nurse ratio is 1: 2. The average population covered by Sub-Centres are 4070 as against the National norms of 5000, average population covered by PHCs are 8349 as against the National norms of 30,000 and average population covered by CHCs are 81,000 as against the National norms of 1,20,000.

The U.T. of Puducherry has been able to achieve the Infant Mortality rate of 24 against national goal of 45 during the Tenth Five Year Plan period. Since more than 99 % of deliveries are conducted in the health institutions, it has been able to achieve the lowest

Maternal Mortality Rate of 36 against the national target of less than 200 / 1 lakh live births. Out of the total deliveries of 49,733 cases, 49,660 are Institutional deliveries and only 73 are home deliveries.

Total Fertility Rate of 1.7 is the lowest in India against national goal of 2.3. Due to the strict implementation of the PNMT Act in the UT and close monitoring of the sex ratio of children, it is possible to achieve SEX RATIO(0-6 years) of 967 (female to male children / 1000) which sufficed the goal set by the Government of India . Effort is taken to ensure that pregnant women would get at least four ante-natal checkups during the pregnancy.

The percentage of IOL implantation under National Programme for Control of Blindness is 99.32 % and 12655 cataract surgeries were performed in the year 2007-08 against the target of 10,000.

The Revised National Tuberculosis Control Programme has been implemented in the Union Territory of Pondicherry with DOTS and achieved the TB Cure Rate of 80.63% from the existing Rate of 79%.

Under the Leprosy Eradication Programme, New Case detection rate is 50 %, PR (Prevalence rate) is 0.22 %, MB case % is 26 and Deformed case percentage is 0 (Zero) for the year 2007-08.

ACHIEVEMENTS DURING 2007-08 AND LIKELY ACHIEVEMENTS DURING 2008-09

Primary Health Centres

New Buildings for the PHCs at Thirukkanur & Muthialpet were constructed and inaugurated in May and June 2007 respectively.

Community Health Centres

Community Health Centres are strengthened with new hi-tech machineries for providing sophisticated medical services to the rural people and **special clinics** are conducted to combat proliferating number of Diabetic and Hypertensive patients. Disease Specific clinics have also been started in all the CHCs.

Family Welfare Services

During the year 2007-08, totally 10,303 persons adopted the permanent methods of sterilization(10289 Tubectomy and 14 vasectomy operations). Under spacing method, 3,277 adopted IUD method, 1848 adopted oral pills method and 11,462 Conventional contraceptives method(Condoms). Compensation at increased rate of Rs.1100/- are also provided to the acceptors of Vasectomy operations and Rs.600/- for acceptors of Tubectomy operation for BPL categories and Rs.250/- for Non-BPL(Above Poverty Line) categories.

Leprosy Control Programme

The prevalence rate of Leprosy in the UT of Puducherry as on March 2008 is 0.22 per 10,000 population. About 50 new cases are detected during the year 2007-08 and 24 cases are under treatment. The prevalence rate for the year 2008-09 is expected at 0.26 per 10,000 population.

Filaria and Malaria Control Programme

The U.T. of Puducherry has been declared as non-endemic in respect of Filariasis and this has been achieved due to the sustained steps, concrete efforts and focused attention in the implementing Plan programmes. Elimination of Lymphatic Filariasis has been made possible through Mass Drug Administration with distribution of DEC tablets to the people of Puducherry during December 2007 and November 2008. To control the incidence of Filarial and Malarial diseases, Anti larval activities and Surveillance activities for early diagnosis of case is carried on. Fogging machines are provided to the Municipalities and Commune Panchayats as a part of the anti-larval activities.

Under Filarial Control Programme, micro-filarial rate of 0.17 % , infection rate of 0.01 % and Mass Drug Compliance rate at 63.78 % has been achieved during the year 2007-08. It has been expected to reduce mf rate below 0.15 % and infection rate to 0 % in the year 2008-09. Under the Malaria Control Programme, the Annual Parasite Incidence is kept below 2 and the API for the year 2007-08 is 0.063.

Blindness Control Programme

Under the National Programme for Control of Blindness, 12655 cataract operations were performed during the year 2007-08 and percentage of IOL implantation being 99.32%.

Mobile Dental Health Programme

As much as 184 camps are conducted and screening of 7167 patients and extraction, scaling, fillings, minor surgery and fluoride application treatment are provided to the needy patients and students.

Immunization Programme

In the year 2007-08, all new born babies with Hepatitis B vaccination have been immunized in all the regions. About 14,000 new born babies were covered by providing 3 doses of Hepatitis “B” vaccination during the year 2007-08. 100 % Pulse Polio Immunization has been successfully done throughout the state covering about 99,000 children in the age group of 0-5 years during the last year.

Physical Medicine Rehabilitation Services

Ailing patients are provided with new Endo-Skeletal Prosthesis replacing the old heavy prosthesis. 20 patients are benefited with this new type of below knee Endo-Skeletal Prosthesis out of 70 lower prosthetic beneficiaries. The PMRC has also extended its services by providing orthotics to 90 patients, Special appliances to 712 patients, Surgical boots to 191 patients and Rehabilitation Aids to 86 patients during the year 2007-08.

PROPOSED PHYSICAL TARGETS IN THE ANNUAL PLAN 2009-10

- Provision of Lab facilities and Services of Physiotherapist for the urban and rural PHCs.
- Strengthening of CHCs for conducting General and O&G surgeries in the CHCs.
- Procurement of Lithotripsy equipment to the Urology Department to remove stones from the Kidney / urinary bladder in the Indira Gandhi Government General Hospital and Post Graduate Institute.
- Women and Children Hospital will be strengthened by procuring necessary machinery and equipments.
- A target of 14,500 cataract surgeries and about 40,000 school children will be screened during the Annual Plan 2009-10.
- In the treatment of Tuberculosis conversion rate more than 90% and cure rate more than 85% will be achieved.

- The present micro filarial rate of 0.17 and infection rate of 0.01% will further be reduced to less than 0.1 and 0 respectively through anti-larval and anti-adult measures.
- Stabilizing the ever-increasing trends in non-communicable diseases like diabetes, hypertension and Ischemic Heart Diseases through intensified Health Education, early detection and life style modification.
- Construction work of Multi Specialty Hospital at Karaikal will be started.
- Financial assistance to the Below Poverty Line (BPL) families will be continued under the scheme 'Pondicherry Medical Relief Society for Poor'.
- Health Insurance Coverage for the BPL families dwelling in Mahe and Yanam region will be continued in the year 2009-10.

CENTRALLY SPONSORED SCHEMES

The following Centrally Sponsored Schemes are implemented:

(Rs. in Lakhs)

Sl. No.	Scheme Name	2008-09		2009-10 Proposed Outlay
		Agreed Outlay	Anticipated Expdr.	
1.	Direction & Administration	161.06	170.53	107.02
2.	Transport	0.30	0.30	--
3.	Compensation	1.01	58.81	51.00
4.	Contraceptive (Kind)	--	--	--
5.	Maintenance of sub centres	154.86	173.29	193.73
6.	Pondicherry Medical Relief Society for the Poor	--	50.00	50.00
7.	Upgradation & Strengthening of Emergency Facilities	4.72	4.72	--
8.	National Leprosy Control Programme	1.99	1.99	--
9.	National Programme for Control of Blindness	6.00	6.00	6.80

Sl. No.	Scheme Name	2008-09		2009-10 Proposed Outlay
		Agreed Outlay	Anticipated Expdr.	
10.	Prevention & control of diseases - Hospital Waste Management	0.01	0.01	--
11.	National Iodine Deficiency	4.67	4.67	4.40
12.	National Malaria Eradication Programme	0.01	0.01	--
	Total	334.63	470.33	412.95

INDIAN SYSTEMS OF MEDICINE AND HOMOEOPATHY

A separate Department of Indian Systems of Medicine And Homoeopathy was established to facilitate the development of Ayurveda, Siddha, Unani, Naturopathy and Yoga and Homoeopathy systems of Medicine.

The ISM&H offers uninterrupted health care facility to the people and serving as alternative to Allopathic System with better therapeutic goals and peoples satisfaction.

The Panchakarma Special Therapy Unit started functioning with overwhelming response from the public. The 10-bedded Government Ayurveda Hospital at Chalakkara, Mahe started functioning and is to be expanded with infrastructure development and facilities. Naturopathy & Yoga unit will be started during the current financial year to provide non-pharmacological treatment to the public.

ACHIEVEMENT DURING 2007-08

- Creation of Masseur posts for Panchakarma Special Therapy at Kosapalayam.
- Under the Scheme “Naturopathy and Yoga” three posts have been created.
- Proposal for establishment of Panchakarma Special Therapies at Yanam and Govt. Ayurveda Hospital at Chalakkara, Mahe under CSS scheme has been sent to Government of India.

- The Monthly remuneration of Contract Physicians has been enhanced from Rs.10,000 /- to Rs.16,000.
- Under the Scheme “ Strengthening of the Directorate” – 19 Posts of various categories have been created.
- Proposal for establishment of 16 ISM&H Units under CSS scheme have been prepared and sent for approval.
- For Ayurveda Hospital at Chalakkara, Mahe – 19 posts of various categories have been created.
- Proposal for Upgradation of Stagnant Post of Junior Specialist Siddha Ayurveda to Specialist, Gr-I on Par with Allopathy.
- Improvement of Siddha Units in all the PHCs and CHCs of the four regions of Puducherry.

LIKELY ACHIEVEMENTS DURING 2008-09

- Overall improvement of Directorate of ISM&H by creation of posts and shifting to a better spacious building by Construction of Separate Building for ISM&H.
- Improvement of Ayurveda/Siddha and Homoeopathy Units in all the four regions of Puducherry.
- Upgradation of stagnant posts of Junior specialist Ayurveda and Siddha to Specialist Grade-I on par with Allopathy.
- Establishment of Panchakarma Special Therapy at Yanam and Ayurveda Hospital Mahe.
- 16 ISM&H Units in PHCs and CHCs under CSS Scheme will be started shortly.
- Panchakarma Special Therapy Unit in Kosapalayam will be improved by post of Masseurs.
- Government Ayurveda Hospital, Chalakkara , Mahe will be expanded by starting In-patient facilities by filling up of 19 new posts.
- Grant –in – aid under the Centrally Sponsored Scheme for AYUSH Dispensaries for the procurement and supply of essential drugs, has been released and to be utilized shortly.

PROPOSED PHYSICAL TARGET FOR THE ANNUAL PLAN 2009-10

- Land acquisition for the proposed 50 bedded ISM&H Hospital and Administrative Block.
- Construction of 50 bedded ISM&H Hospital (20 bed for Ayurveda, 20 bed for Siddha and 10 bedded for Homoeopathy) with Administrative Block.
- Opening of 12 new Ayurveda Dispensaries
- Popularize the various systems of ISM&H among the public by conducting Medical Camp, Awareness Camp, Seminar etc.
- Opening of 6 new Siddha Centres at Thirukanoor, Soorapet, Karayamputhur, Ambagathur, Vizhithiyur and Nallathur.
- Revival of 5 Siddha Centres at Kalapet, Muthialpet, Maducarai, Karikalampakkam and Reddiyar Palayam.
- Opening of Siddha Dispensary in Mahe and Yanam Region
- Opening of 7 new Homoeopathy Centres at Bahour, Ariyankuppam, Thavalakuppam, Kalapet, Karikalampakkam, Nedungadu and Chalakkara.
- Revival of 2 Homoeopathy Centres at Villianur and Muthialpet.
- Opening of Unani Clinic at Puducherry.
- Yoga Demonstration / education at University / College/ School levels will be conducted.
- Opening of Yoga and Naturopathy Unit at Puducherry, Karaikal, Mahe and Yanam.
- Opening of Thokkanam and Varma Special Therapy Unit.
- Establishment of 2 year Diploma Course in Pharmacy(Ayurveda, Siddha and Homoeopathy)
- Establishment of one year Masseur Course in Ayurveda and Siddha

STRATEGIES PROPOSED AND POLICY FOCUS FOR 2009-10

- Construction of 50 bedded ISM&H Hospital including OPD and IPD(20 beds for Ayurveda, 20 beds for Siddha and 10 beds for Homoeopathy) along with administrative Block and College in Puducherry Region.
- Starting of Paramedical courses in Pharmacy in Ayurveda, Siddha and Homoeopathy, 10 students initially in the Mother Theresa Institute of Health Sciences at Puduchery.
- Construction of separate building for accommodating ISM&H units, within the campus of CHC and PHC of Puducherry/Karaikal/Mahe/Yanam Regions.
- Panchakarma Special Therapies will be expanded with all facilities.
- Construction of Ist Floor of the Government Ayurveda Hospital, Mahe to expand all the facilities.

OUTLAY AT A GLANCE

Sector : MEDICAL & PUBLIC HEALTH

No. of Schemes : 26

Department : 1. HEALTH & FAMILY WELFARE SERVICES
2. INDIAN SYSTEM OF MEDICINES

(Rs. in lakh)

Eleventh Five Year Plan 2007-12 Approved Outlay	:	138685.23
Annual Plan 2007-08 Actual Expenditure	:	13364.11
Annual Plan 2008-09 Approved Outlay	:	9521.52
Annual Plan 2008-09 Revised Outlay	:	9521.52
Annual Plan 2009-10 Proposed Outlay	:	16165.00

(Rs. in lakh)

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-08	Annual Plan 2008-09		Annual Plan 2009-10
		Approved Outlay	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)

HEALTH & FAMILY WELFARE SERVICES

1.	Improvements / Construction / Opening of sub-centres and Rural / Urban Health Centres & Construction of Staff Quarters	2446.39	238.70	278.49	361.62	490.59
2.	Improvements / Construction / Conversion of Primary Health Centre as CHC and Construction of Staff Quarters	1854.95	189.14	225.10	218.72	282.37

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-08	Annual Plan 2008-09		Annual Plan 2009-10
		Approved Outlay	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
3.	Improvements to General Hospitals	40041.48	2803.50	3867.29	4519.35	5738.00
4.	Improvements to Maternity Hospital & Child Health Services	6220.00	440.37	1991.01	572.13	2202.64
5.	Improvements to Govt. Pharmacy	1698.00	135.47	235.50	361.35	417.25
6.	Improvements to Ophthalmic Services	160.00	22.94	27.20	44.80	52.30
7.	Mahatma Gandhi Dental College and Hospital	3000.00	640.00	600.00	878.45	1577.66
8.	Mother Theresa Institute of Health Sciences	3400.00	432.00	400.00	551.40	2478.66
9.	T.B. Control Programme	633.35	56.12	86.69	93.79	105.27
10.	Leprosy Control Programme	246.94	20.49	27.26	35.40	44.54
11.	Improvements to Filariasis Control & Malaria Eradication Programme	243.50	8.84	23.29	24.32	19.97
12.	Employees State Insurance Scheme	260.00	59.11	70.11	83.36	105.42

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-08	Annual Plan 2008-09		Annual Plan 2009-10
		Approved Outlay	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
13.	Strengthening of Directorate of Health & Family Welfare Services and Offices of Dy. Directors.	2144.52	399.32	595.40	602.76	557.00
14.	Strengthening of Physical Medicine and Rehabilitation Services	155.41	13.78	24.56	11.65	6.75
15.	Development of Information, Education and Communication Services	125.00	23.05	27.32	19.35	27.70
16.	Improvements to Food & Drugs. Admn.	265.55	27.14	32.29	33.07	47.88
17.	Construction Women and Children Hospital	5000.00	1100.00	--	100.00	--
18.	Setting up of Government Medical College	56165.00	4000.00	500.00	500.00	1000.00
19.	Creation of infrastructure for Tsunami Affected Areas	10000.00	2400.00	--	--	460.00
20.	Training Institute for Health Personnel	1000.00	--	0.01	--	1.00
21.	Community Health Insurance Scheme	1282.00	119.20	250.00	250.00	250.00
Sub-total		136342.29	13129.17	9261.52	9261.52	15865.00

Sl. No.	Name of the Scheme	Eleventh Five Year Plan 2007-12	Annual Plan 2007-08	Annual Plan 2008-09		Annual Plan 2009-10
		Approved Outlay	Actual Expdr.	Approved Outlay	Revised Outlay	Proposed Outlay
(1)	(2)	(3)	(4)	(5)	(6)	(7)
INDIAN SYSTEM OF MEDICINES & HOMEOPATHY						
22.	Strengthening of Directorate of ISM&H, Construction of ISM&H Hospital and Administrative Hospital and Establishment of Para-Medical Courses	1395.94	12.63	14.99	14.99	24.08
23.	Improvement / Opening of Ayurveda Dispensaries / Hospitals and Panchakarma Therapies	140.00	144.74	159.18	159.18	158.49
24.	Improvement / Opening of Homoeopathy Dispensaries	135.00	16.04	20.77	20.77	26.53
25.	Improvement / Opening of Siddha Dispensaries and Thokkannam & Varma Special Therapy	640.00	61.20	64.48	64.48	88.90
26.	Improvement / Opening of Unani Dispensaries and Setting up of Naturopathy and Yoga Unit	32.00	0.33	0.58	0.58	2.00
	Sub-total	2342.94	234.94	260.00	260.00	300.00
TOTAL		138685.23	13364.11	9521.52	9521.52	16165.00