



Sri K. Chandrasekhar Rao
Hon'ble Chief Minister of Telangana



Sri T. Harish Rao
Hon'ble Minister for Finance,
Health, Medical & Family Welfare,
Govt of Telangana

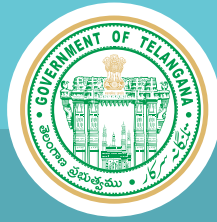
HEALTH FOR EVERY AGE HEALTH AT EVERY STAGE TOWARDS AAROGYA TELANGANA

ANNUAL REPORT 2022



**DEPARTMENT OF HEALTH,
MEDICAL & FAMILY WELFARE
GOVERNMENT OF TELANGANA**





**DEPARTMENT OF HEALTH,
MEDICAL & FAMILY WELFARE
GOVERNMENT OF TELANGANA**

ANNUAL REPORT – 2022

TOWARDS AAROGYA TELANGANA

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AAROGYASRI

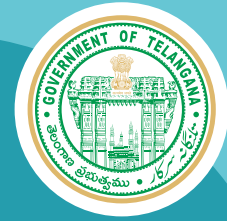
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Sri T. Harish Rao

Hon'ble Minister for Finance,
Health, Medical & Family Welfare,
Govt. of Telangana



Telangana is the youngest state in the country having come into existence in 2014 and in the last 8 years, under the able leadership of Hon'ble Chief Minister Shri K.Chandrasekhar Rao Garu, it has established itself as a pioneer across various sectors of development. Presently, it is ranked 3rd best state in the country in health sector.

Over the past 8 years, the Government has worked tirelessly, and the state's health machinery has propelled the state's health to greater heights. These efforts have intensified over the last year. This has resulted in widespread recognition of the state's efforts at the national level.

The Government has strengthened the facilities and services across all government health centres and has reaffirmed the faith of the general population in government hospitals. These centres are now equipped with state-of-the-art diagnostic equipment. The Government has also constructed new medical colleges and hospitals while undertaking a massive revamping of the existing ones.

The number of medical colleges and MBBS and PG seats has increased. This has ensured that 19 MBBS seats & 7 PG seats are now available for 1 lakh population, the highest in the country. The state has also introduced a subsidized meals scheme for the attendants of patients, across 18 hospitals in Hyderabad.

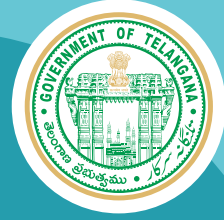
The state has effectively tackled COVID-Pandemic. State has administered 100% 1st and 2nd dose COVID vaccination. The state is first in the country in administering precautionary dose. Furthermore, a large number of Basthi Dawakhana and the Palle Dawakhana have also been set up within the reach of both urban & rural people and this has greatly improved the availability of healthcare services to people.

The state also established and strengthened the Telangana Diagnostics Scheme using a hub and spoke model, with the centralized lab and streamlined and expedited the report generation process. Fuelled by the success of its interventions, the state is now making its healthcare system future ready.



Sri S.A.M. Rizvi, IAS

Secretary,
Dept. of Health, Medical &
Family Welfare



Department of Health Medical and Family Welfare has prepared this Annual Report for the year 2022 highlighting the progress made during the year in improving infrastructure and services in government health facilities in the state.

Health sector is one of the most important areas of government intervention for well-being of citizens. Accordingly, the state has been constantly working to further strengthen health delivery systems.

The outcomes achieved by the state on various parameters since its formation in 2014 have been commendable.

I would like to take this opportunity to appreciate the efforts of all health functionaries without whose constant hard work and dedication the above outcomes would not have been possible.



**“HEALTH CARE
IS VITAL TO ALL OF US
SOME OF THE TIME,
BUT PUBLIC HEALTH IS
VITAL TO ALL OF US
ALL OF THE TIME”**

- C. EVERETT KOOP





1

**HM&FW
DEPARTMENT
- OVERVIEW**



DEPARTMENT'S PROFILE

Health, Medical & Family Welfare Department provides healthcare services to the people of Telangana with a mandate that the services should reach every citizen. Efforts made by the Government over the past eight years have resulted in improvement in the health status of its citizen. The Government has its principal focus on improving the reproductive and child health services, disease control interventions, rationalising and strengthening the human resources, improving infrastructure capacities and strengthening of monitoring mechanisms, etc.

VISION

To achieve good health and well-being for all citizens, through a preventive, promotive, curative, palliative and rehabilitative health care strategy, and to achieve universal access to good quality health care services for all citizens.

OBJECTIVES

- Improving access to primary healthcare services for all sections of society
- Improving Maternal and Child Health
- Developing Human Resources for health to achieve health goals
- Reducing overall disease burden of the society
- Strengthening Secondary and Tertiary healthcare and Medical Education



DIFFERENT WINGS OF THE DEPARTMENT

HOD'S	CORPORATIONS	BOARDS/ SOCIETIES	AUTONOMOUS INSTITUTIONS
<ol style="list-style-type: none"> 1. Commissioner of Health and Family Welfare 2. Director of Public Health and Family Welfare 3. Director of Medical Education 4. Commissioner of Telangana Vaidya Vidhana Parishad 5. Director of AYUSH 6. Director of Institute of Preventive Medicine 7. Director of Drugs Control Administration 8. Commissioner of Food Safety 	<ol style="list-style-type: none"> 1. Telangana Medical Services Infrastructure Development Corporation 2. Telangana Super Speciality Hospitals Corporation Limited 	<ol style="list-style-type: none"> 1. Allied and Healthcare Sciences Board / Telangana Para Medical Board 2. Medical and Health Services Recruitment Board 3. Telangana Aromatic and Medicinal Plants Board 4. Telangana Yogadhyana Parishad 5. AIDS Control Society 	<ol style="list-style-type: none"> 1. Nizam's Institute of Medical Sciences 2. MNJ Institute of Oncology and Regional Cancer Centre

TRAINING INSTITUTE	TRUST	UNIVERSITY	COUNCILS
<ol style="list-style-type: none"> 1. Indian Institute of Health and Family Welfare 	<ol style="list-style-type: none"> 1. Aarogyasri Health Care Trust 	<ol style="list-style-type: none"> 1. KNR University of Health Sciences 	<ol style="list-style-type: none"> 1. Telangana Medical Council 2. Telangana Nursing Council 3. Telangana Dental Council 4. Telangana Pharmacy Council



HEALTH INDICATORS

SI. No.	INDICATOR	DEFINITION	TELANGANA		INDIA
			2014	2022	2022
1	Maternal Mortality Ratio (MMR)	No. of Maternal deaths per 1,00,000 live births	92	43 (SRS 2018-20)	97 (SRS 2018-20)
2	Infant Mortality Rate (IMR)	No. of Infant deaths per 1,000 live births	39	21 (SRS-2020)	28 (SRS-2020)
3	Under 5 Mortality Rate (U5MR)	No. of under 5 deaths per 1,000 live births	41	23 (SRS-2020)	32 (SRS-2020)
4	Neonatal Mortality Rate (NMR)	No. of neonatal deaths per 1,000 live births	25	15 (SRS-2020)	20 (SRS-2020)
5	Total Fertility Rate (TFR)	No. of Children per woman in child bearing age group	1.8	1.6 (SRS-2020)	2.5 (SRS-2020)
6	Full Immunization	Percentage	68	100 (HMIS)	79 (HMIS)
7	Institutional Deliveries	Percentage	91	97 (NFHS-5)	79 (HMIS)

COMPARISON WITH OTHER STATES

Indicator	Telangana	Andhra Pradesh	Karnataka	Tamilnadu	Kerala	Uttar Pradesh	Gujarat	Madhya Pradesh	India
Maternal Mortality Ratio (MMR)	43	45	69	54	19	167	57	173	97
Infant Mortality Ratio	21	24	19	13	6	38	23	43	28
Total Fertility Rate	1.6	1.6	1.7	1.6	1.7	3.9	2.6	3.3	2.2

HIGHLIGHTS & MILESTONES

1

RANKED AS 3RD BEST PERFORMING STATE BY NITI AYOJ

2

MMR REDUCED TO 43

3

IMR REDUCED TO 21

4

8 NEW MEDICAL COLLEGES MADE FUNCTIONAL

5

19 MBBS SEATS & 7 PG SEATS FOR 1 LAKH POPULATION, ONE OF THE HIGHEST IN THE COUNTRY

6

4 SUPER SPECIALITY HOSPITALS SANCTIONED AT HYDERABAD

7


SUPER SPECIALTY HOSPITAL SANCTIONED AT WARANGAL

8

NIMS IS BEING UPGRADED FROM 1489 BEDS TO 3489 BEDS

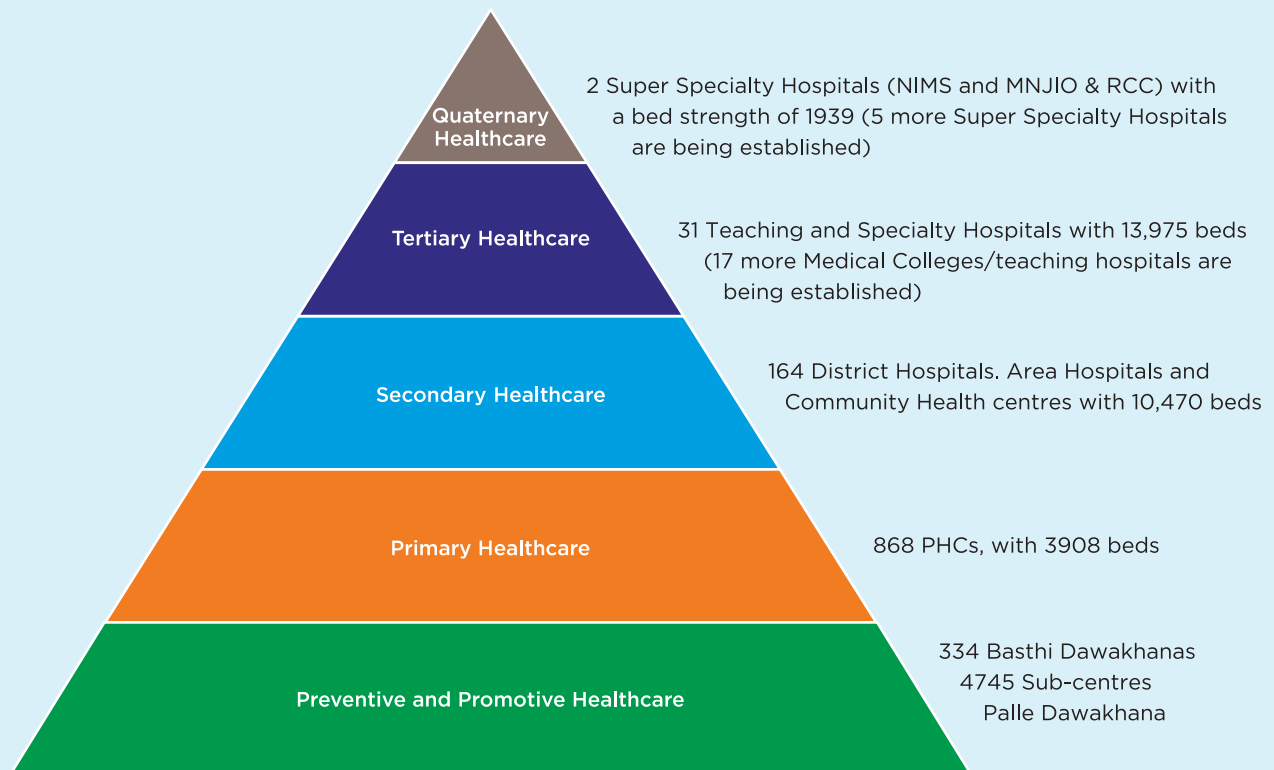
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61 NEW DIALYSIS CENTRES AND 515 NEW DIALYSIS MACHINES

- 
- 10** 50 LAKH DIALYSIS SESSIONS COMPLETED
 - 11** HEALTH BUDGET INCREASED BY 76% COMPARED TO LAST YEAR
 - 12** STATE-OF-THE-ART DIAGNOSTIC FACILITIES IN GOVERNMENT HOSPITALS
 - 13** MORE THAN 1 CORE LAB TESTS CONDUCTED FREE OF COST UNDER TELANGANA DIAGNOSTICS
 - 14** MAXIMUM NUMBER OF TELE-CONSULTATIONS IN THE COUNTRY
 - 15** 339 BASTI DAWAKHANAS FUNCTIONAL
 - 16** AWARDS FOR MIDWIFERY AND HIGH RISK PREGNANCY IDENTIFICATION
 - 17** ALL BEDS CONVERTED TO OXYGEN BEDS
 - 18** OXYGEN GENERATION CAPACITY INCREASED FROM 135 MT PER DAY TO 332 MT PER DAY

LEVELS OF HEALTHCARE

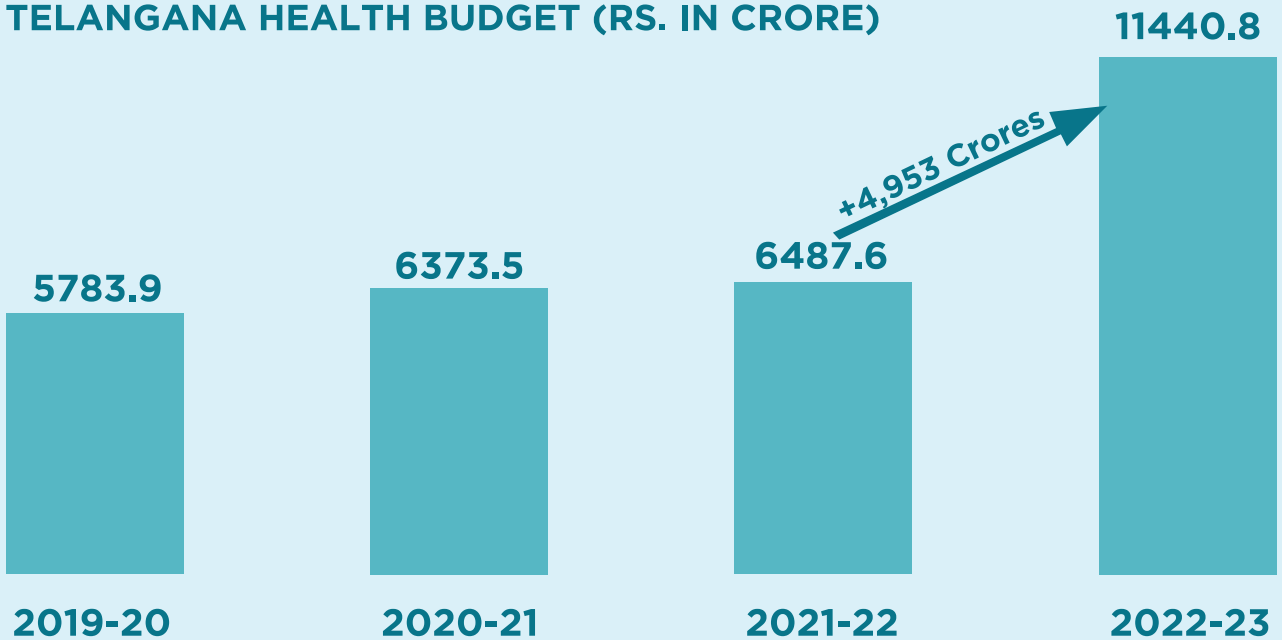
- The State has moved from 3 tier healthcare to 5 tier healthcare
- They are described as a pyramidal structure, with four tiers of healthcare representing increasing degrees of specialisation and technical sophistication.
- The greatest number of patients are seen at the first level and second level that is typically their first contact with the healthcare system, with diminishing numbers of patients in next level.



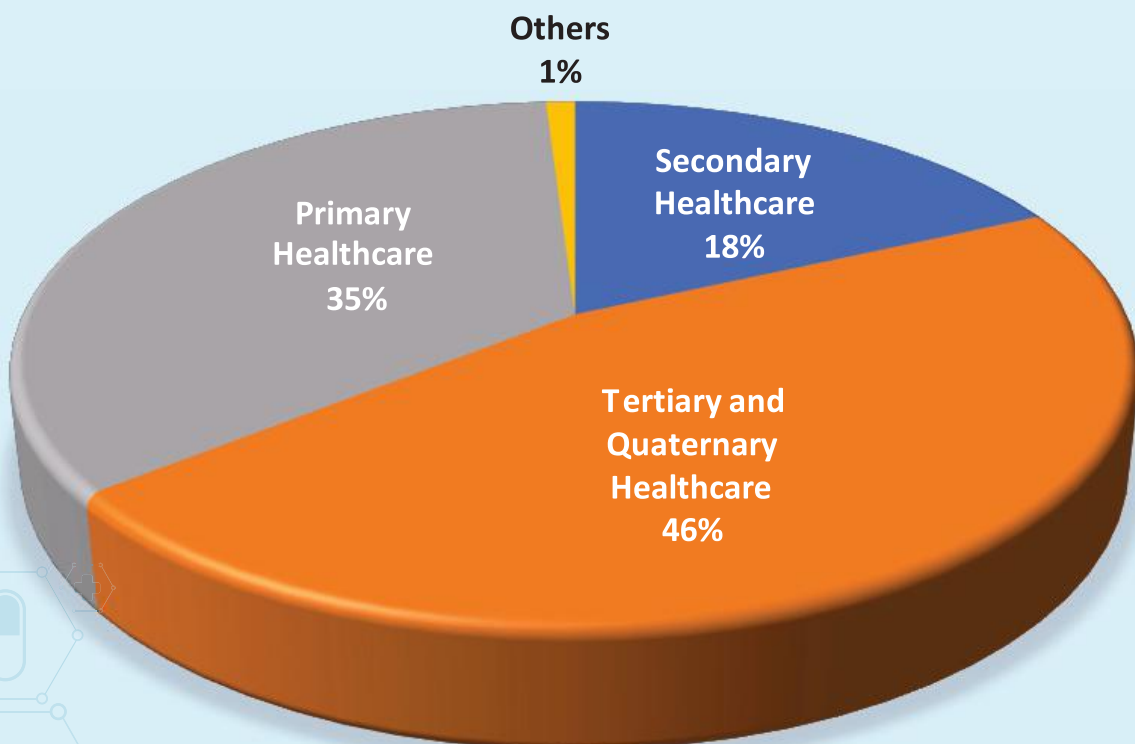
BUDGET

The state health budget allocation has increased since the formation of the state. The budget allocation which was Rs.6487.6 crore in 2021-22 jumped to Rs.11440.8 crore in 2022 - 23 an increase of 76%.

TELANGANA HEALTH BUDGET (RS. IN CRORE)



DISTRIBUTION OF BUDGET



Health Budget and Per Capita Health Allocation

State	Health Budget (in ₹ crores)	Per Capita Allocation (₹)
Delhi	9,769	5,141.50
Himachal Pradesh	3,032	4,331.40
Telangana	11,441	3,092.10
Haryana	8,595	3,069.60
Andhra Pradesh	15,708	3,020.70
Kerala	9,967	2,874.60
Rajasthan	20,111	2,646.20
Chhattisgarh	6,465	2,308.90
Assam	7,516	2,210.50
Karnataka	13,982	2,151.10
Maharashtra	22,536	1,862.40
West Bengal	17,786	1,852.70
Gujarat	12,207	1,821.90
Madhya Pradesh	13,903	1,716.40
Jharkhand	5,630	1,521.60
Bihar	15,898	1,347.30

HEALTHY STATES PROGRESSIVE INDIA - HEALTH INDEX ROUND -IV

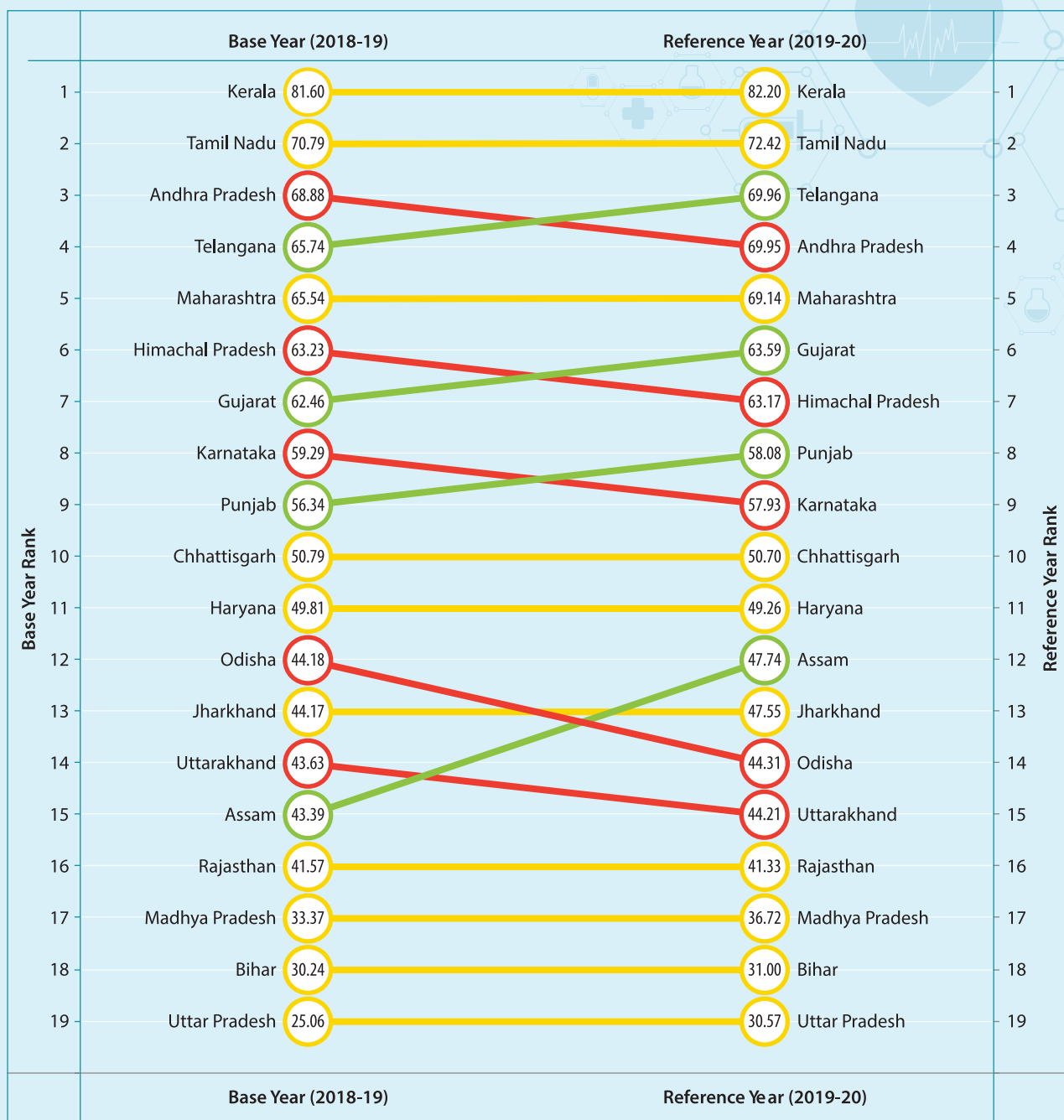
In 2017 the National Institution for Transforming India (NITI Aayog) in collaboration with the Ministry of Health and Family Welfare (MoHFW) and the World Bank initiated an annual Health Index for tracking Overall Performance and Incremental Performance across all states and Union Territories (UTs). Health Index is a weighted composite score incorporating 24 indicators covering key aspects of health performance.

Among the Larger States, Kerala, Tamil Nadu and Telangana emerged among the best three performers in terms of Overall Performance. Telangana performed well both in terms of Overall Performance as well as Incremental Performance and secured the third position in both instances.

Larger States: Overall Reference Year (2019-20) Index Scores and Incremental Change from Base Year (2018-19) to Reference Year (2019-20), with Overall Reference Year and Incremental Ranks

States	Overall Reference Year Index Score					Incremental Change					Overall Reference Year Rank	Incremental Rank
	0	20	40	60	80	100	-10	-5	0	5		
Uttar Pradesh	30.57					5.52					19	1
Assam	47.74					4.34					12	2
Telangana	69.96					4.22					3	3
Maharashtra	69.14					3.60					5	4
Jharkhand	47.55					3.38					13	5
Madhya Pradesh	36.72					3.35					17	6
Punjab	58.08					1.74					8	7
Tamil Nadu	72.42					1.62					2	8
Gujarat	63.59					1.14					6	9
Andhra Pradesh	69.95					1.07					4	10
Bihar	31.00					0.76					18	11
Kerala	82.20					0.60					1	12
Uttarakhand	44.21					0.58					15	13
Odisha	44.31					0.13					14	14
Himachal Pradesh	63.17					-0.06					7	15
Chhattisgarh	50.70					-0.09					10	16
Rajasthan	41.33					-0.25					16	17
Haryana	49.26					-0.55					11	18
Karnataka	57.93					-1.37					9	19

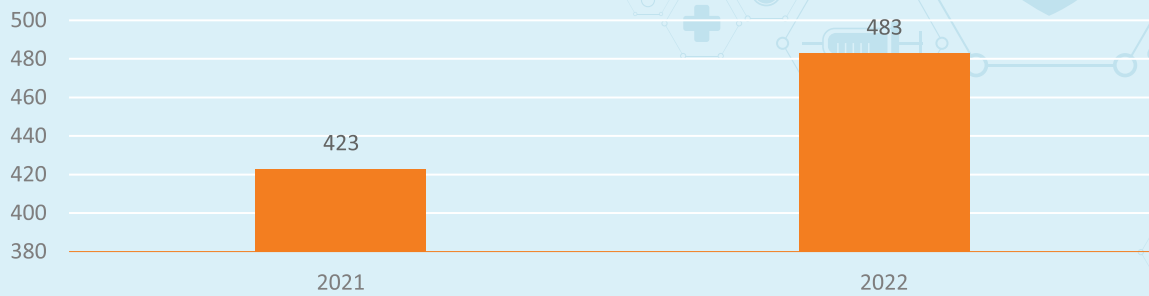
Larger States: Overall Performance - Composite Index Score and Rank, Base and Reference Years (2018-19 and 2019-20)



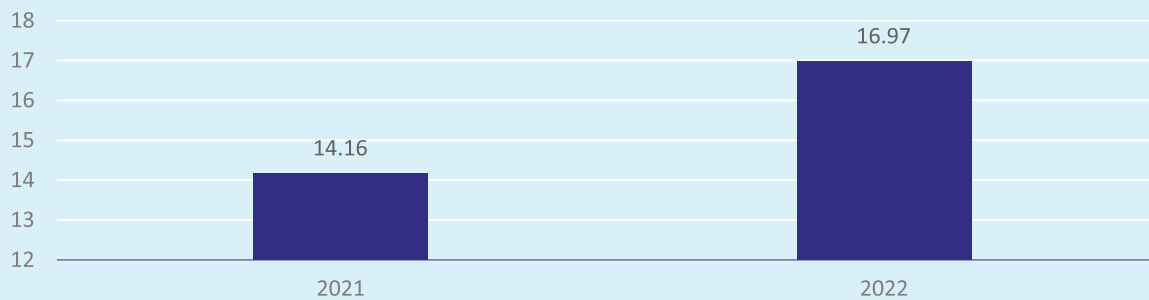
Among the Larger States, Telangana is the only state that demonstrated strong Overall Performance as well as Incremental Performance. Telangana emerged as strong performer on both Overall and Incremental Performance as for several indicators it had attained the best possible performance. For example, it attained universal full immunisation of children and total case notification of tuberculosis; had fully functional First Referral Units (FRUs) and all Primary Health Centres (PHCs) and urban PHCs functional as Health and Wellness Centres (HWCs); operation theatres and labour rooms of all district hospitals certified under LaQshya and Kayakalp scores more than 70 percent; and no vacancies of ANMs in Sub Centres and Medical Officers in PHCs.

HOSPITALS' PERFORMANCE

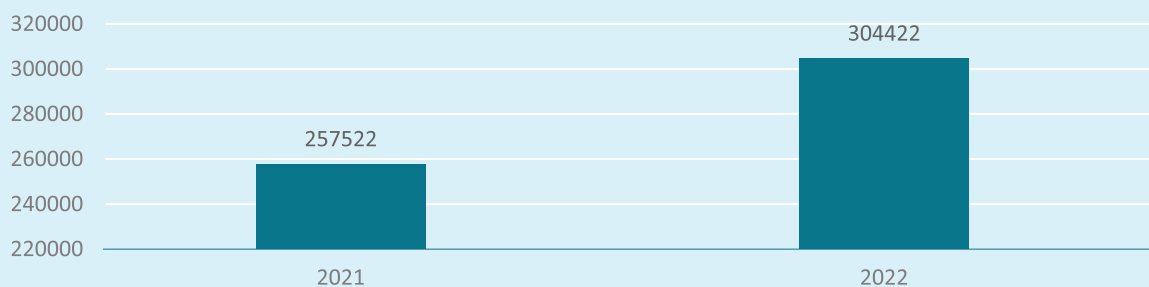
OUT-PATIENT FOOTFALL (IN LAKH)



IN-PATIENT ADMISSIONS (IN LAKH)



OPERATIONS (MAJOR AND MINOR)



LAB TESTS (IN CRORES)





2

**NEW MEDICAL
COLLEGES**



NEW MEDICAL COLLEGES

To bring medical education to remote areas of the state along with super-specialty medicine, it is decided to establish one medical college in each district of the state. At the time of formation of the state, there were only five Medical Colleges in the state namely (i) Osmania Medical College, Hyderabad (ii) Gandhi Medical College, Secunderabad (iii) Kakatiya Medical College, Warangal (iv) Rajiv Gandhi Institute of Medical Sciences (RIMS), Adilabad and (v) Government Medical College, Nizamabad.

Four more Medical Colleges were added subsequently before the year 2021 namely (i) Government Medical College, Siddipet (ii) Government Medical College, Mahbubnagar (iii) Government Medical College, Nalgonda (iv) Government Medical College, Suryapet.

Sanctioned
8 New Medical Colleges
in 2021

Eight Medical Colleges were Sanctioned in 2021

(i) Sangareddy (ii) Mahbubabad (iii) Mancherial (iv) Jagtial (v) Wanaparthy (vi) Kothagudem (vii) Nagarkurnool (viii) Ramagundam

The attached hospitals are also upgraded. Admissions to the above medical colleges for the academic year 2022-23 are completed.

Sanctioned
9 New Medical Colleges
in 2022

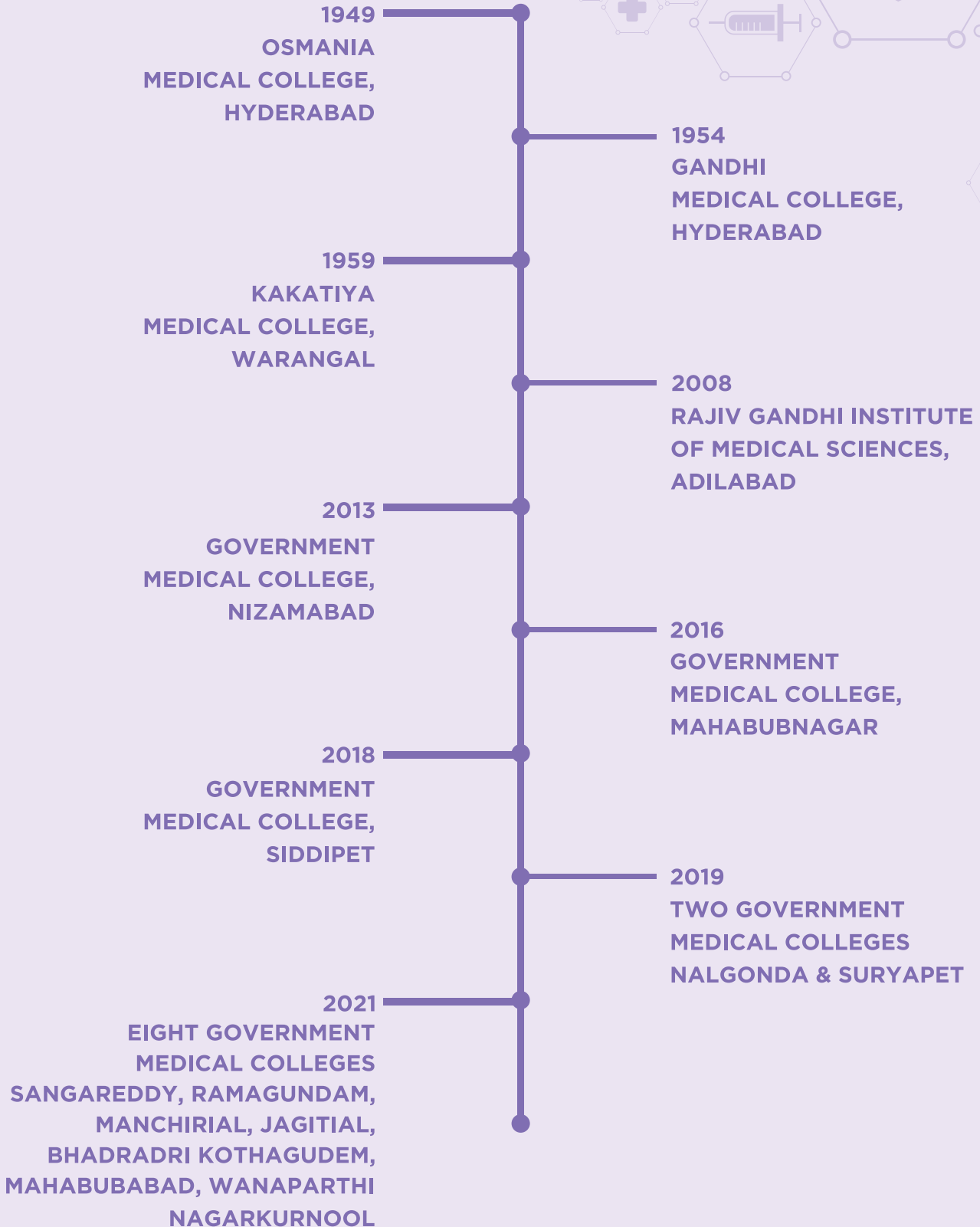
Nine New Medical Colleges are Sanctioned in 2022

(I) Nirmal (ii) Asifabad (iii) Bhupalpally (iv) Jangoan (v) Kamareddy (vi) Karimnagar (vii) Khammam (viii) Sircilla (ix) Vikarabad



Hon'ble CM inaugurating MBBS classes virtually in 8 New Medical Colleges

MEDICAL COLLEGES - TIMELINES



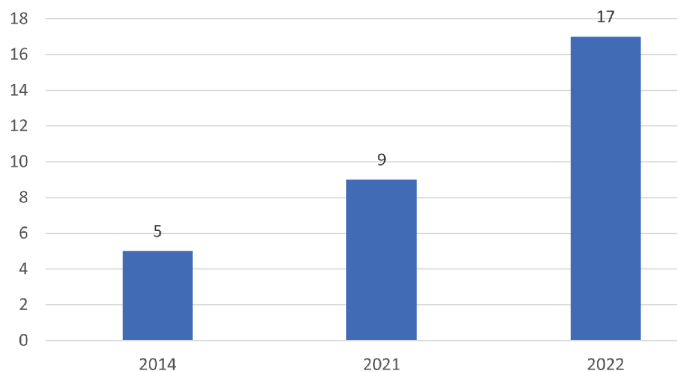
INCREASE IN MEDICAL COLLEGES AND SEATS

S. No.	Particulars	In 2014			As on Today			Increase from 2014 to 2022
		Government	Private	Total	Government	Private	Total	
1	Medical Colleges	5	15	20	17	24	41	21
2	MBBS Seats	850	2,100	2,950	2,815	3,800	6,615	3,665
3	PG Seats	515	668	1,183	1,180	1,321	2,501	1,318

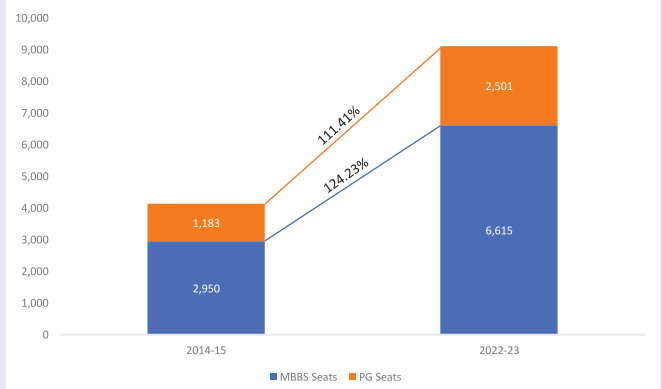
COMPARISON WITH ALL INDIA COLLEGES AND SEATS

	IN INDIA			IN TELANGANA		
	2014-15	2022-23	% Increase	2014-15	2022-23	% Increase
MBBS Seats	54,352	93,000	71.11	2,950	6,615	124.23
PG Seats	25,416	42,717	68.07	1,183	2,501	111.41

Number of Govt. Medical Colleges in Telangana



MBBS and PG Seats in Telangana





3

**SUPER
SPECIALTY
HOSPITALS**



SUPER SPECIALTY HOSPITALS

TELANGANA INSTITUTE OF MEDICAL SCIENCES

Government issued orders for establishment of 4 Super specialty hospitals in Hyderabad:

- Telangana Institute of Medical Sciences, Gachibowli
- Telangana Institute of Medical Sciences, LB Nagar
- Telangana Institute of Medical Sciences, Alwal
- Telangana Institute of Medical Sciences, Sanath Nagar

These hospitals will function as autonomous institutions. Nizam's Institute of Medical Sciences, Hyderabad is designated as mentor institute for all the above 4 Telangana Institutes of Medical Sciences.

WARANGAL HEALTH CITY AND SUPERSPECIALTY HOSPITAL

Government has sanctioned a state-of-the-art Health City and Super-specialty hospital at Warangal. The construction of the 2000 bedded hospital has begun.



Hon'ble CM Laying Foundation Stone for TIMS, LB Nagar.

NIZAM'S INSTITUTE OF MEDICAL SCIENCES

Nizam's Institute of Medical Sciences, is one of the premier government hospitals in the state catering to the healthcare needs of the common man.

NIMS PERFORMANCE IN 2022

BED STRENGTH
1,489

OP FOOTFALL
6,05,248

DIAGNOSTICS
13,10,584

IP ADMISSIONS
47,725

ICU BEDS
Increased from
168 to 445

SURGERIES
23,961

NIMS EXPANSION PROJECT

To create a center of excellence for providing Tertiary Medical care, Medical Education and Research facilities of high order in the field of Medical Sciences, NIMS hospital will be expanded, increasing the bed strength from 1489 to 3489 beds which includes 200 MCH beds.

**2000 Beds
to be Added**

**Integrated OP
and IPD Block**

**PG Seats
will be Increased**

**200 Bedded
MCH Block**

**TRAUMA
Care Center**

MNJ INSTITUTE OF ONCOLOGY AND REGIONAL CANCER CENTRE

MNJ Institute of Oncology is a 450-bedded Apex Cancer Hospital. Nearly 30,000 patients are admitted every year and more than one lakh patients come for follow-up. About 2500 major & minor surgeries are performed. Every day about 400 patients are given Radiotherapy, and 350 patients are given Chemotherapy. More than 1.5 lakh cancer-related diagnostic tests are conducted every year.

MoU has been signed between GoI and the State Government for the strengthening of Cancer Care Services.

THE FOLLOWING INFRASTRUCTURE WORKS ARE COMPLETED:

- Construction of 5 floor Golden Jubilee Block
- 7 floor New Cancer Block with 300 Beds
- Modular Operation Theatres
- Preventive Oncology Services (Pediatric & Adult) Unit
- Women's Cancer Wing
- Transfusion Medicine Unit
- Bone Marrow Transplantation Unit
- Molecular Oncology Department with Genetics & Hereditary Cancers Wing and Targeted Therapy
- Stem Cell Laboratory & Tissue Bank
- Robotic Surgery & Laser Surgery Unit
- Stereotactic Radio Surgery and Gamma Knife Unit





4

**MATERNAL
HEALTH AND
NUTRITION**



MATERNAL HEALTH AND NUTRITION

The political will, stewardship of the Government through periodic and rigorous reviews, focus on high-risk management of pregnancies, evidence-based guidelines and guiding and monitoring the public sector facilities are some of the contributing factors for improving the maternal health in the state

KCR KIT

With the launch of KCR KIT programme on 2nd June, 2017, which includes payment of wage compensation of Rs.12,000 (Rs.13,000 in case of female child) to pregnant women and a kit with utility items at the time of delivery, the state could achieve some major maternal health targets. KCR KIT benefits have been extended to the particularly vulnerable tribal groups (PvTGs) like Chenchu, Kolam, Kondareddys, Mannechruvus beyond 2nd child. The programme implementation is supported by an IT enabled system and all the payments are done through DBT (Direct Benefit Transfer). So far about 13.91 lakh women have benefitted from the KCR KIT Scheme since it's inception.

Along with wage compensation a kit containing 15 utility items is also given immediately after delivery.

Introduced
Wage Compensation
of **Rs.12, 000**
(**Rs.13, 000**
in case of female
child)

13.91 Lakh
Women
Benefitted

DBT Payment Schedule

Installment/Tranche	Amount	Conditions
1 st	Rs. 3000/-	<ul style="list-style-type: none"> Registration of pregnancy at public health facility. At least 2 ANC checkups by the Medical Officer with IFA tablets & Inj.TT.
2 nd	Rs. 5000/- (For Female child) Rs. 4000/- (For male child)	<ul style="list-style-type: none"> Delivery in public health institution The child has to receive BCG, OPV 0 dose and Birth Dose of Hep.B. (KCR Kit (mother and baby kit with 15 items) is also given)
3 rd	Rs. 2000/-	<ul style="list-style-type: none"> Child has to receive OPV 1, 2 & 3 and IPV 1 & 2 doses Child has to receive Pentavalent 1, 2 & 3 doses At the age of 3 ½ months.
4 th	Rs.3000/-	<ul style="list-style-type: none"> Child has to receive Measles vaccine, Vit.A and JE 1st dose at the age of 9 months.

Impact of the Programme

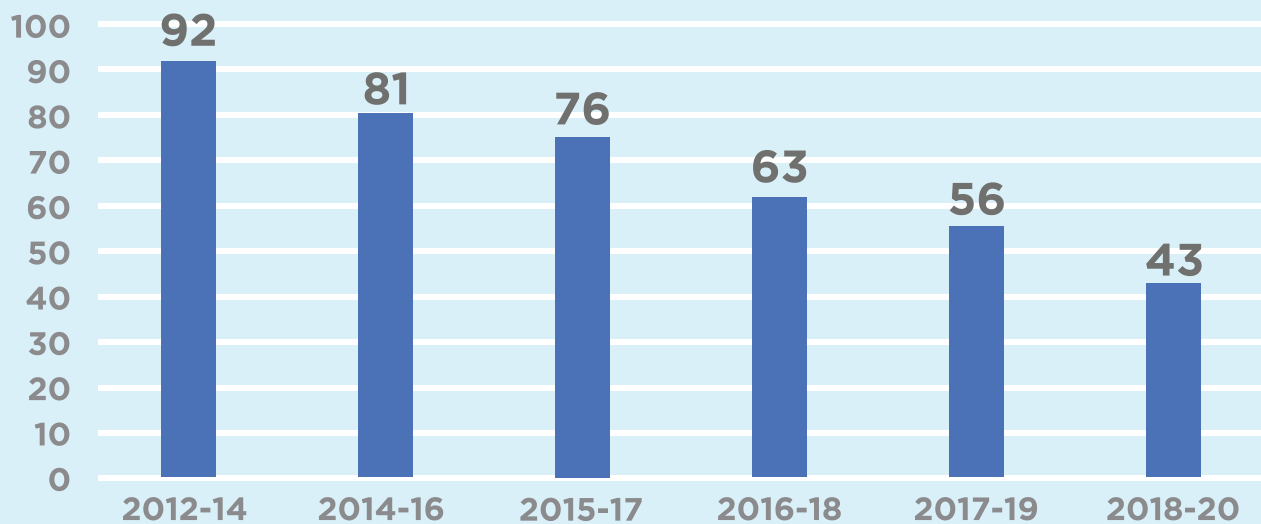
1. Increased first trimester registrations (within 12 weeks) from 17 % to 82 %
2. 4 ANC check-ups increased to 99%
3. Percentage of deliveries in public facilities increased to 61%
4. Reduction in out-of-pocket expenditure
5. Increased identification and tracking of high risk pregnancies
6. Tracking of Anaemia Cases and IFA consumption
7. ASHA incentives payments through KCR KIT Portal
8. Nutritional KIT distribution and tracking through KCR KIT Portal
9. Improved tracking of every child till their complete immunization

Sl. No.	Indicator	Year 2022 (Jan 2022 –Dec 2022)
1	Total No. of Registrations	6,91,404
2	Total No. of Pregnant Women Registered	6,85,226 (102%)
3	Total No. of 1 st Trimester Registration	5,19,985 (82%)
4	Total No. of 4 th ANC Check-up	4,52,039 (99%)
5	Total No. of Institutional Deliveries (Govt + Pvt)	5,40,864
6	Total No. of Government Deliveries	3,27,532 (61%)
7	Total No. of Normal Deliveries (Govt)	1,81,397 (55%)
8	Total No. of Babies Received 3 Months Immunization	4,83,498 (96%)
9	Total No. of Babies Received 9 Months Immunization	4,75,182 (96%)



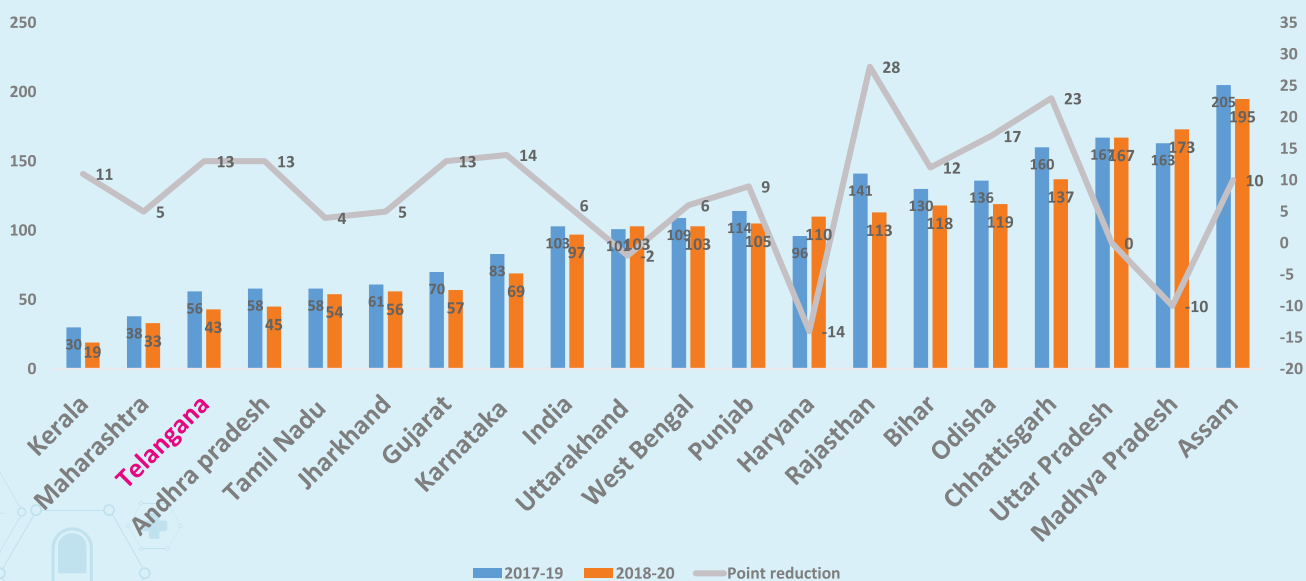
Maternal Mortality Ratio (MMR): As per latest SRS report, the Maternal Mortality Ratio in Telangana has seen a downward trend from 92 in 2014 to 43 in 2018-20.

Maternal Mortality Ratio - Telangana

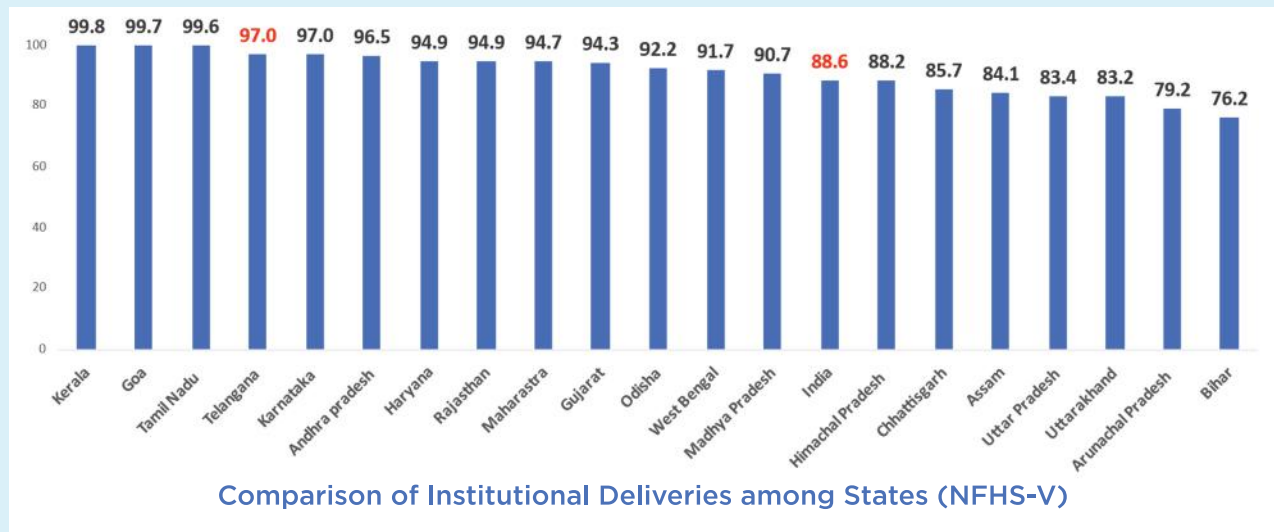


Reduction of Maternal Mortality Ratio in Telangana over the Years (SRS)

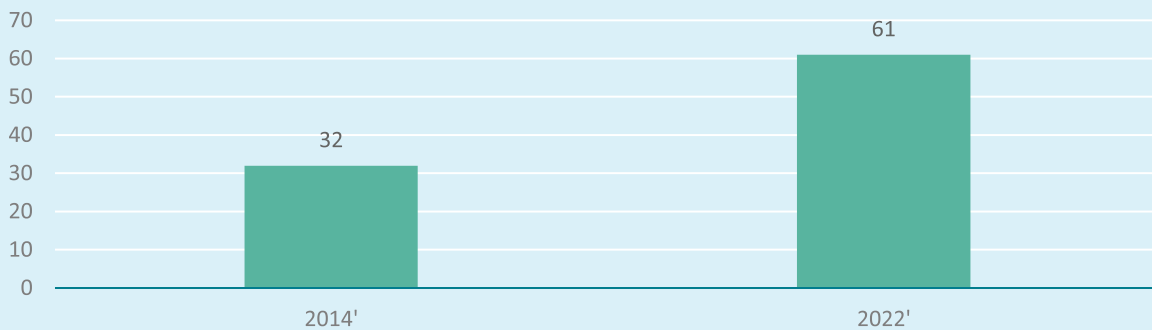
MMR - Comparison with Other States



Increased Institutional Deliveries: While sustaining the overall institutional deliveries at 97%, the state could see an improvement in the public health institutional deliveries which have increased from 30.5% in 2015-16 to 61% in 2022.



Percentage of institutional deliveries in government hospitals in 2014 & 2022



Team Based Incentives: Many innovative steps have been taken by the State in reducing the C-Sections. A gradual decline in overall C-Sections has been noticed over the years from 61% (NFHS 2015-17) to 57% in 2022. To reduce the C-Section rates, team-based incentives for normal deliveries has been introduced. Rs. 3000/- is given to the team for conducting normal deliveries above the set benchmarks. C-Section audit is done at facility level. Robson's classification is used to ensure judicious use of C-Sections in medically indicated cases only.

Introduced
**Team-based
Incentives of
Rs. 3000**
to Reduce
C-Section
Rates

Month	Total Deliveries Incentivized
Aug-22	565
Sep-22	694
Oct-22	771
Total	2030

Midwifery Initiative

To reduce C-Section rates, the state has introduced "Midwifery Initiative" which is one of its kind in the country. 350 Midwives are trained between 2019-2022. With this initiative and other initiatives the state could reduce C-Section rates from 61% in 2021 to 57% in 2022.



Midwives helping pregnant women undergo physical exercises

Telangana has received recognition for its success in midwifery and for identifying high-risk pregnancies at the National Maternal Workshop organized by the Ministry of Health and Family Welfare (MoHFW) in New Delhi. The state received the award for being the top-performing state in midwifery and the second-best-performing state in identifying high-risk pregnancies.



Bagged **MoHFW Awards** for Top-Performing State in Midwifery & the Second-Best Performing State in Identifying High-risk Pregnancies

KCR Nutrition Kit

The state is committed to further decreasing anemia by introducing another flagship program called “KCR Nutrition Kit” in high anaemia prevalence districts namely Adilabad, Bhadradri Kothagudem, Jayashankar Bhupalpally, Jogulamba Gadwal, Kamareddy, Kumarambheem Asifabad, Mulugu, Nagarkurnool and Vikarabad. The programme was launched on 21.12.2022. Nutrition kits will be given two times to every pregnant woman, once in their 2nd ANC (13-27 weeks) and second time during 3rd ANC (28-24 weeks). The contents of the kit are highly nutritious with proteins, micro and macronutrients and supplements intended to address anaemia and improve body mass index.

THE KCR NUTRITION KIT CONTAINS:



- i. Horlicks (1 Kg)**
- ii. Deseeded Dates (1 Kg)**
- iii. Ghee (500 ML)**
- iv. Chikki**
- v. Iron Syrup (3 Bottles)**
- vi. One Albendazole Tablet**
- vii. Plastic Cup (1)**
- viii. A Plastic Basket**



TIFFA Scan

TIFFA (Targeted Imaging for Fetal Anomalies) Scan is popularly known as Fetal Anomaly Scan. It is one of the most important scans conducted during pregnancy because it detects any congenital abnormalities in the growing fetus. This scan is done between 18 - 22 weeks of pregnancy. In this scan, the baby is screened from head to toe to look for abnormalities. 44 facilities with high delivery load.

ASHAs

27,045 ASHAs have been given Smart phones with CUG SIMS in the month of February 2022. CUG SIMs have been given to ASHAs. With these smart phones ASHAs are updating ASHA Disease Profile (ADP) through a mobile app.





5 CHILD HEALTH AND IMMUNIZATION



CHILD HEALTH AND IMMUNIZATION

The state has achieved steady progress in improving the child health and increasing immunization coverage. The following initiatives have been taken up in improving child health.

Special New Born Care Units (SNCUs): The Special New-born Care Unit (SNCU) is a neonatal unit in the vicinity of the labour room that provides level-II care for all sick and new born children who may be preterm and premature also. All new born care is provided at SNCU except assisted ventilation and surgical interventions.

The state has also taken up eSNCU concept wherein the peripheral units are being mentored by the Neonatology experts from Niloufer Hospital. Presently 5 SNCUs are being mentored and hand holding support is given to the in-house Staff nurses and Medical Officers by way of video calling and telemedicine.



15 SNCUs in 2014

38 Functional SNCUs in 2022

13 more SNCUs will be set up in 2023

10 SNCUs in the state have been accredited by the National Neonatology Forum

Introduced eSNCU Concept

46 NBSUs are Functional in the State & 10 New NBSUs are Approved

New Born Stabilization Units (NBSU): To ensure early resuscitation of new born children and stabilize them immediately after birth, NBSUs are established at all AHs and CHCs. Presently 46 NBSUs are functional in the state. This year another 10 NBSUs are approved and are in the process of establishment.

Nutrition Rehabilitation Centres (NRCs): NRC is a facility where a Severe Acute Malnourished /Moderate Acute Malnutrition child with associated complications/ medical conditions is treated along with nutritional supplementation and therapeutic feeding. Presently 12 NRCs are functional in the State. Another 2 NRCs will be made functional shortly at Eturnagaram and Mannanur. State has initiated to have NRCs of 5 to 10 beds as an integral part of Paediatric wards at 8 public health facilities.

12 NRCs are functional in the State

State TOT for Facility based Management of Severe Acute Malnutrition (F-SAM) for NRCs was done for 30 Paediatricians by Kalawati Saran Children's Hospital, New Delhi which is the National Centre of Excellence. The state has initiated the process of establishing 2 NRCs per district. Mandatory counseling of mothers and night feeds for children at NRCs is being done. Admissions and cure rates have improved.

1st State to Initiate BFHI Training

Baby Friendly Hospitals Initiative (BFHI), Accreditation of Public Health Facilities:

To strengthen the breastfeeding outcomes and sustain them, all the Public Health Facilities in the State are to be accredited under BFHI by Baby Friendly Hospitals Initiative (BPNI).



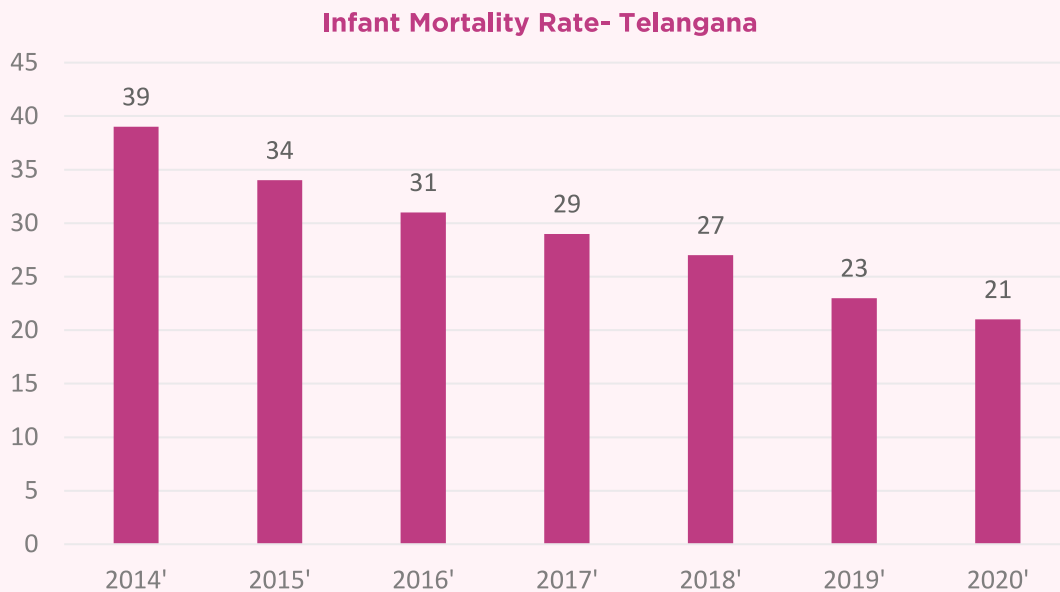
Lactation Workers: Lactation workers are being positioned in 41 high and moderate load delivery points. These lactation workers exclusively support and ensure breast feeding immediately after birth in the labor room itself. They counsel and create awareness on various aspects of breast feeding, exclusive breast feeding, and supplementary feeding.

Kangaroo Mother Care Units (KMC): Kangaroo Mother Care (KMC) is provided at all postnatal wards for all the small, preterm, premature and low birth weight babies. KMC is a simple method of care for low birth-weight infants that include early and prolonged skin-to-skin contact with the mother or a substitute caregiver and exclusive and frequent breastfeeding.



Immunization: Vaccination is conducted to all the 0 to 16 year children at fixed and outreach sessions to protect them against the morbidity and mortality associated with vaccine preventable diseases. Presently 11 vaccines are administered to children to protect them against deadly vaccine preventable diseases.

Infant Mortality Ratio: With the efforts of the government, the Infant Mortality Ratio has decreased over the years from 39 in 2014 to 21 in 2020.





6

**TELANGANA
DIAGNOSTICS**



TELANGANA DIAGNOSTICS



Established in
2018 Available in
22 Districts
**Benefitted 25 Lakh
1 Cr Tests Done**

Telangana Diagnostics is a “Hub & Spoke” model of “Free Diagnostics.” Initially in the year 2018 one Hub was set up in Hyderabad catering to GHMC area. Currently, hubs are available in 22 districts. Overall number of patients that used the services increased to 25 lakhs and nearly 1 crore tests are done.

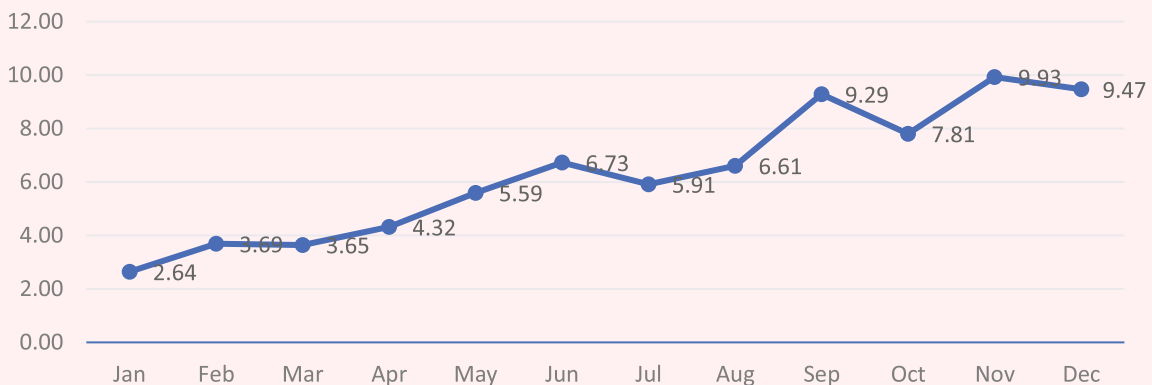
ACHIEVEMENTS

1. Hyderabad Central Hub is NABL Certified in October 2021
2. National Health Mission (NHM) adjudged the Telangana Diagnostics program as one of the best initiatives in “Good and Replicable Practices and Innovations in Public Healthcare Systems” conference
3. NITI Aayog, hailed the outcomes produced via Telangana Diagnostics initiative - Coverage of tests, OOPE saved, digital technology implementation, convergence etc.

SCALING UP OF TELANGANA DIAGNOSTICS

- Additional 13 new Central Hubs with Pathological and Radiological Services, are being set up in the remaining districts
- All the TD labs are being converted to Integrated Public Health Laboratories there by enhancing tests from 57 to 134
- 10 Histopathology Labs in 10 erstwhile district diagnostics labs are being set up to support Cancer Screening for NCD program
- Entry level NABL Accreditation of 19 existing Diagnostics Hubs is in progress

**Month-wise tests conducted under Telangana Diagnostics
- Jan 2022 to Dec 2022 (in lakhs)**





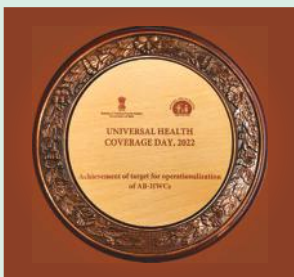
7

COMPREHENSIVE PRIMARY HEALTHCARE SERVICES - HWCs - PALLE DAWAKHANAS



COMPREHENSIVE PRIMARY HEALTHCARE SERVICES - HEALTH & WELLNESS CENTRES - PALLE DAWAKHANAS

HWCs are envisaged to deliver an expanded range of primary healthcare services called Comprehensive Primary Health Care services (CPHC).



MAJOR ACHIEVEMENTS UNDER HWCs

State has received awards at Varanasi, Uttar Pradesh on the occasion of Universal Health Coverage Day for achieving the target for Operationalization of AB-HWCs for the year 2022-23

State has received 2 out of 3 awards as part of Azadi ka Amrit Mahotsav in Dec- 2021.

1. Highest Number of Wellness Activities
2. Highest Number of NCD Screenings



TELE-CONSULTATION SERVICES AT AB-HWCs

The Telemedicine Services in Telangana is provided as per the Hub and Spoke Model. It is provided through “e-Sanjeevani ABHWC”.

70 Hubs & 4766 Spokes are functional in the State

Currently 70 Hubs and 4766 Spokes are functional in the state. State is doing on an average 35000 Teleconsultation per month. So far, more than 31 lakhs Telemedicine consultations have been facilitated from Govt. health facilities.

Facilitated more than **31 Lakh** Telemedicine Consultations



Tele-Consultation Service Performance (1st Jan to 20th Dec 2022)

Sl. No	Facility	Total Tele-Consultations
1	Urban Primary Health Centres	95,095
2	Basthi Dawakhana	14,604
3	Rural Primary Health Centres	1,85,230
4	Sub Health Centres	28,94,335
	Total	31,89,264

State has received award from Union Health Minister Mr. Mansukh Mandaviya Ji at Varanasi, Uttar Pradesh on the occasion of Universal Health Coverage Day for achievement of conducting highest number of Tele-consultations for the calendar year 2022.





Hon'ble Minister reviewing the programmes through teleconference, as part of monthly reviews.





8

**QUALITY
ASSURANCE
PROGRAMME**



NQAS

QUALITY ASSURANCE PROGRAMME

The following 204 facilities are NQAS certified

S. No.	Type of Facilities	No. of Facilities
1	District Hospitals	7
2	Area Hospitals	3
3	Community Health Centres	1
4	Primary Health Centres	161
5	Urban Primary Health Centres	32
Total		204

State level master trainer programme was conducted for 171 Secondary care, 31 Tertiary Care Hospitals on Hospital Infection Prevention & Control measures.

To reduce the hospital acquired infection rate and to provide clean bed sheets and linen to patients Mechanized Laundry Services are established in 101 Hospitals.

Won awards from MoHFW under NQAS:

1. Winner in PHC Category
2. Winner in District Hospitals Category
3. Runner-up in UPHC Category





9

**BASTHI
DAWAKHANA**



BASTHI DAWAKHANA

Basthi Dawakhana are located in the slums to meet healthcare needs of the urban population with the focus on urban poor, by making available to them essential primary healthcare services and reducing their out-of-pocket expenses for treatment.

Depending on the spatial distribution of the population, the Basthi Dawakhana will cater to approximately 5,000 to 10,000 people.

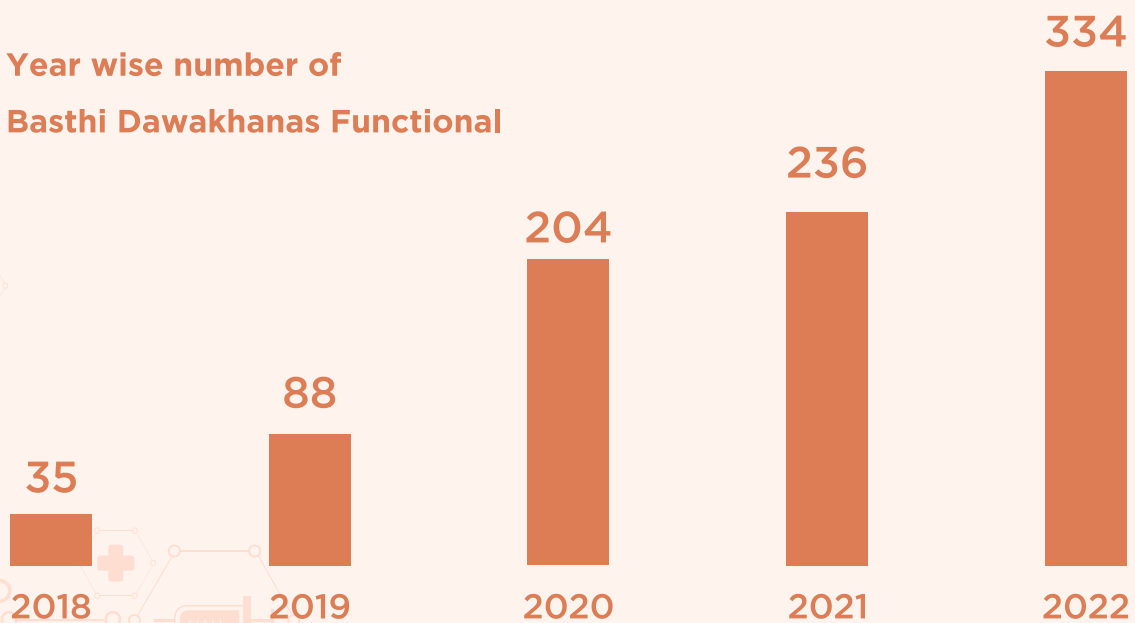
Each Basthi Dawakhana Caters to approximately 5000 to 10000 People



- Covers the urban vulnerable population
- Reduces the out-of-pocket expenditure
- Provides free Consultations through Medical Officer, free diagnostics and free medicines
- Tele-consultation facility by the specialist doctors
- Referral to the nearest Area Hospital, District Hqrs /Teaching Hospitals if required

334
Basthi
Dawakhana
are
Functional

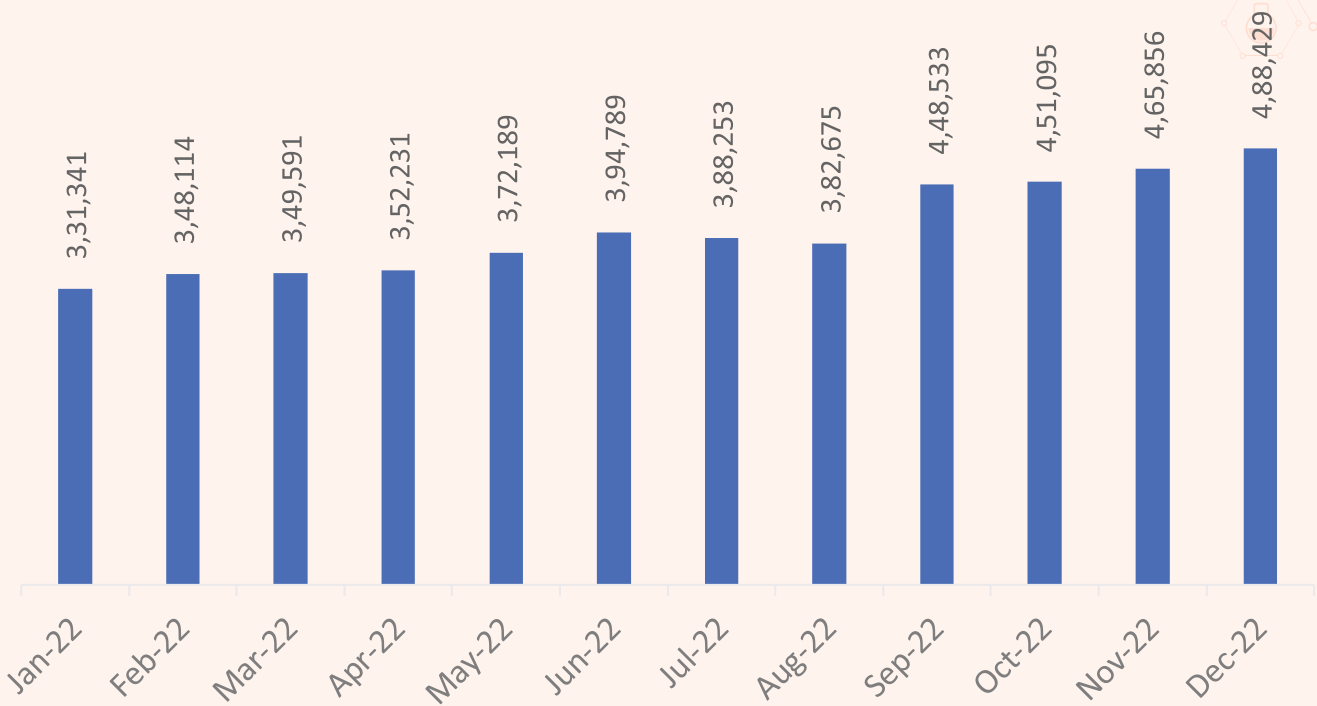
Year wise number of Basthi Dawakhana Functional



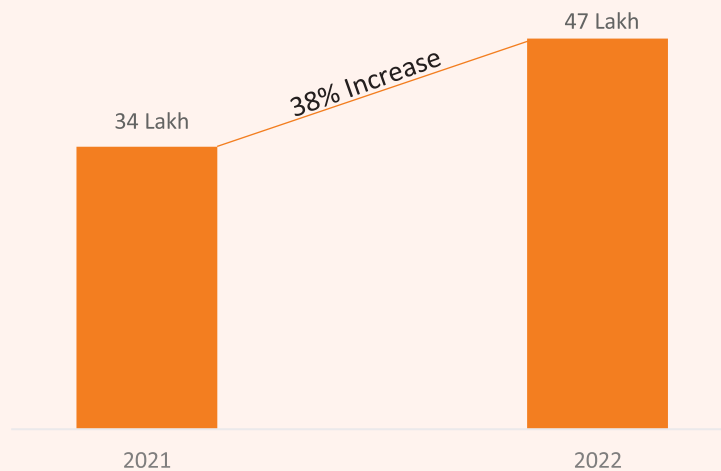
OPD Footfall:

In 2022 the out patient footfall in Basthi Dawakhana is 47 lakhs. With this the out-patient load in Gandhi Hospital, Osmania Hospital and Fever Hospital has reduced considerably.

OP in Basthi Dawakhana



OP (Comparison between 2021 & 2022)







10 NON-
COMMUNICABLE
DISEASE CONTROL
PROGRAMME



NON-COMMUNICABLE DISEASE CONTROL PROGRAMME

Non-communicable Diseases (NCDs) are the leading cause of preventable deaths and disability in India. Under this programme for early identification & treatment of common non-communicable diseases, population above 30 years of age are screened for Hypertension, Diabetes, Oral cancer, Breast cancer & Cervical cancer.

SCREENING FOR HYPERTENSION & DIABETES

1.48 crore individuals were screened for hypertension & diabetes till December 2022, which is 90% of the target population. 17.36 lakh hypertensive & 8.86 lakh diabetics were diagnosed & put on treatment. Individuals with hypertension & diabetes are provided medication every month free of cost in all the Govt. health centres across the state. Medicines are also provided at the doorstep through ASHA & ANM to these patients.

1.48 Crore
Individuals
were
Screened

17.36 Lakh
Hypertensive &
8.86 Lakh
Diabetics
were Diagnosed
& Put on
Treatment

Non-Communicable Disease Clinics

Non-Communicable Disease (NCD) Clinics are established in the district hospitals, and community Health Centres across Telangana.

Cancer Screening

Installed
Colposcopes &
Cryotherapy
Units in the
NCD Clinics

About 90% of the target population was screened for three common cancers oral, breast & cervical cancers. The individuals suspected for three common cancers were referred to the higher centre for diagnosis.

Cancer screening & diagnostic equipment like colposcopes, cryotherapy units, and mammograms are procured and installed in the NCD clinics & Telangana Diagnostic hubs.

State-specific Treatment Protocols

An evidence-based, simple, standardized state-specific treatment protocol with standard drug- and dose-specific treatment protocol for hypertension & diabetes was developed.

Decentralization

Hypertension & Diabetes follow-up services were decentralized to sub-centers in Telangana.

NCD Drug Kits

Individuals with hypertension & diabetes have been given an NCD Drug Kit bag with medicines and IEC material printed on it. This helps the individual to take medication regularly, thus improving medication adherence.



Launch of NCD Drug Kit by Hon'ble Minister

Diabetic Retinopathy Screening

Diabetic Retinopathy is one of the important complications of diabetes, where the patient experiences a reduction in vision or complete loss of vision. Telangana state has initiated screening for retinopathy for diabetic patients through the NCD clinics. All the 33 district NCD clinics are equipped with fundus cameras to screen for diabetic retinopathy, which helps in the early detection & treatment of retinopathy.

India Hypertension Control Initiative

India Hypertension Control Initiative (IHCI) is a collaborative project of Ministry of Health & Family Welfare, Govt. of Telangana, World Health Organisation (WHO), Indian Council of Medical Research (ICMR) & Resolve to Save Lives (RTSL). As on December 2022, more than 3.2 lakh individuals with hypertension were registered, among which more than 85% are followed up regularly, which is the highest in the country.



Beneficiary receiving NCD Drug Kit



11

KANTI VELUGU



KANTI VELUGU

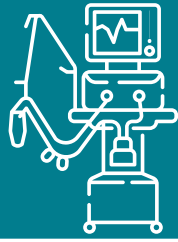
To work towards “Avoidable Blindness Free Telangana”, the Government has taken up universal eye screening by covering the entire population of the state under the name “Kanti Velugu”. The programme launched on 15.8.2018 by Hon’ble Chief Minister. Under this programme 1.54 crore population was screened and more than 40 lakh spectacles were distributed.

The government is launching Kanti Velugu - 2023. Hon’ble Chief Minister will launch this programme on 18th January 2023. The preparatory activities for the programme are underway. 1500 teams are formed for this purpose and the programme will run for 100 days.

**1500 Teams
are Formed
& Programme
will Run for
100 Days**

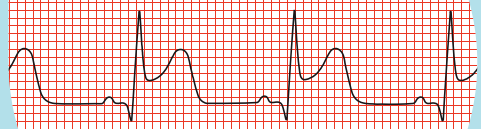


1st Phase - Kanti Velugu



12

**STEMI
INITIATIVE**



STEMI INITIATIVE

STEMI (ST-Elevation Myocardial Infarction) is a serious type of heart attack which is the most common cause of mortality in Telangana accounting for 17% deaths. STEMI leads to high morbidity and mortality unless diagnosed and treated promptly in the first hour called '**Golden Hour of Heart Attack**'.

STEMI programme in the state is implemented in a '**Hub and Spoke Model**' - where, a tertiary care hospital/Institute with Cathlab and cardiologists will act as hub which is attached to a District Hospital/Area Hospital/CHC which acts as a spoke.

Installed
Artificial
Intelligence
based Tele- ECG
Machines
at the Spokes

Artificial Intelligence based Tele-ECG Machines are installed at the spokes which transmits the ECGs promptly to the spoke physicians as well as hub cardiologists and gives the diagnosis of STEMI within a turnaround time (TAT) of < 3 mins.

Once the heart attack is diagnosed - clot buster drug (thrombolytic agent) is administered under the guidance of the concerned hub cardiologist and the case is stabilized at spoke before shifting them to the hub for angiogram and further management.

Telangana is the first state to use **Inj. Tenecteplase as sole thrombolytic agent which costs around Rs. 45,000 per Vial which is given free of cost** in the Golden Hour irrespective of the financial status of the patient.

First State
to Use Inj.
Tenecteplase

Provided for
Thrombolysis
Worth 20 Lakhs
Per Spoke

Current Status

5 Active Hubs - Osmania, Gandhi, NIMS, MGM and DH Khammam
74 Spokes covering all 33 districts

Achievements

- New, state-of-the-art cathlabs were established at Osmania, Gandhi, MGM-Warangal, RIMS Adilabad and DH Khammam
- 2 lakh ECGs taken
- 3786 STEMI's diagnosed
- 879 Thrombolysis given



13

AYUSH



AYUSH

The Department of Indian Medicine & Homeopathy was formed in 1952. Subsequently in the year 2004, the Department was renamed AYUSH duly recognizing Naturopathy & Yoga as a therapeutic science. After the formation of the state, the Government took the conscious decision to preserve and promote this system of medicine and endeavoured its continuation.

There are 27-unit offices including 5 Teaching Colleges, 3 Pharmacies, 3 Research Departments, 1 Drug Testing Laboratory, 2 Herbarium and 11 Hospitals apart from 834 Dispensaries.

The Telangana State Medicinal Plants Board (TSMPB) has been actively working towards the conservation, propagation, cultivation, research and development, marketing and other activities related to medicinal plants in the state. Under National AYUSH Mission (NAM) on "Medicinal Plants", raising of Model Nurseries, Cultivation, Post-Harvest Management and Value Addition, Quality Testing, Marketing, and Certification are the activities implemented in Telangana.





14

E-ICU



E-ICU

Electronic Intensive Care Unit (eICU) also referred as “Tele ICU” is a form of telemedicine that uses state-of-the-art technology to provide an additional layer of critical care service in the remote areas.

An eICU support centre/Central Command Control Centre (CCC) is situated at a tertiary care hospital/Institute which can provide care to patients in multiple hospitals at a time, delivering the good quality of healthcare.

Two-way cameras, video monitors, microphones, and smart alarms connected by high-speed data lines provide eICU caregivers, who are called intensivists, with real-time patient data round the clock. Intensivists can also communicate with on-site caregivers through dedicated telephonic or video conferencing line.

The Command Control Centre (CCC) or the Hub

A state-of-the-art Command Control Centre is established at Nizams Institute of Medical Sciences, Hyderabad. Critical care specialists and other super specialty doctors are available round-the-clock, delivering the best quality of care to the rural poor using this cutting-edge technology.

Achievements

- A state-of-the-art Command Control Centre established at NIMS
- Active Spokes - 14
- No. of critical treated cases under e-ICU guidance in 2022 - 3500



Hardware Installed at Spokes



15

PALLIATIVE CARE PROGRAMME



PALLIATIVE CARE PROGRAMME

Palliative Care is an approach that improves the quality of life of patients and families who face life-threatening illnesses by providing pain and symptom relief. It addresses the needs of the patients suffering from terminally ill diseases. Palliative and end-of-life care aim to ensure that such patients spend their last days in peace and comfort and die with dignity.

About 0.8% of the population in any community needs palliative care and In India 5.4 million people and in Telangana an estimated 3 lakh people need palliative care per year.

Palliative Care is required for a wide range of diseases. The majority of adults in need of palliative care have chronic diseases such as

- Cardiovascular diseases
- Cancer
- Chronic respiratory diseases

Many other conditions may require palliative care, including kidney failure, chronic liver disease, multiple sclerosis, parkinson's disease, rheumatoid arthritis, neurological disease, dementia, congenital anomalies, and drug-resistant tuberculosis.



Palliative Care Ward

PALLIATIVE SERVICE IN TELANGANA

Government of Telangana has been at the forefront of incorporating palliative care into the state health system since 2017, and to date, 33 such centres are fully functional in Govt. facilities. Nearly one-fifth (33 out of 168) of government palliative care centres in India are in Telangana state.

**The State has
33 Fully
Functional
Centres**

ACTIVITIES UNDER THE PROGRAM

- Training of dedicated health workers and the existing health workforce on palliative care
- Providing palliative care services to the beneficiaries through in-patient, home care & outpatient care
- Ensuring the availability of opioids such as morphine in the centres
- Conducting awareness programs in the community on palliative care and the importance of palliative care
- Maintain the database of the individuals in need of palliative care & the care provided



SERVICE DELIVERY FRAMEWORK

● In-patient

In-patient palliative care services are being provided through 31 dedicated 8-10 bed wards in the district hospitals



● Out-patient

Palliative care services are provided on outpatient basis by the medical officer in the centres.

● Home Care in the Community

The palliative care team are providing services at the doorstep of the individuals who wish to avail the same at home so that they can spend their last days with their dear ones.



Vehicle to provide Home Care



Palliative Care Team Providing Home Care



16

**TELE-MENTAL
HEALTH
PROGRAMME**



TELE-MENTAL HEALTH PROGRAMME

Tele-Mental Health programme was launched on 11.10.22. It is a 24x7 Mental Health Service Helpline provided to patients through a team of trained counsellors, psychologists and psychiatrists.

**Launched 24x7
Tele-Mental
Health Programme**



Inauguration of Telemanas Centre by Hon'ble Health Minister

ACHIEVEMENTS

Till date, 1027 calls were connected, 120 calls were transferred to Psychiatrist consultation and 107 were referred to District mental health unit.



Telemanas Call Centre Located at IIHFW, Vengalraonagar, Hyd.



17

**102 AND
108 SERVICES**



102 AND 108 VEHICLE SERVICES

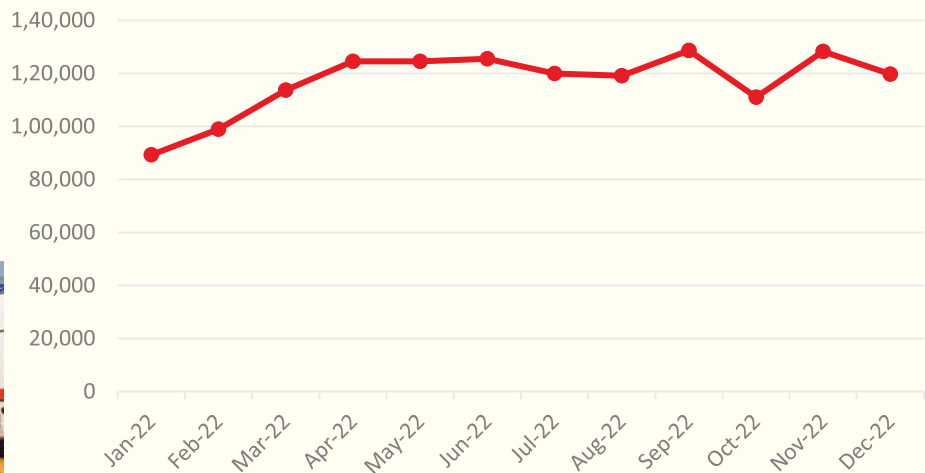
102 AMMA VODI (REFERRAL TRANSPORT SERVICE)

The Government of Telangana launched 102 services (Amma Vodi) for the wellbeing of the pregnant mother and new born. 102 vehicles are facilitating the safer transportation of pregnant mothers to reach the hospital for the antenatal care, postnatal care, and treatment and for immunisation. Currently 300 vehicles are serving across the state.

Launched 102 Service for the Wellbeing of Pregnant Mother and New Born



Month-wise 102 beneficiaries

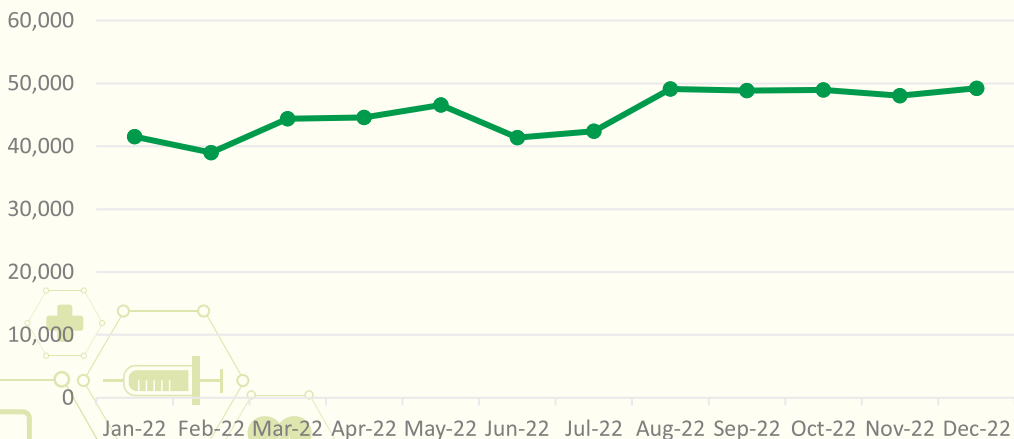


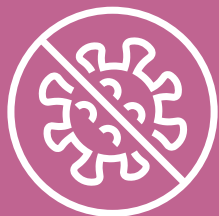
108 AMBULANCES SERVICES (Emergency Health Transportation)

108 ambulance services provide emergency health transportation services to the people of Telangana. At present, 424 ambulances provide emergency health transport services to the people of Telangana.

Parameter	Value
Number of Emergency Calls	6,65,093
Number of Life Saved (critical cases)	64,138

Month-wise 108 beneficiaries





18

MANAGEMENT OF COVID

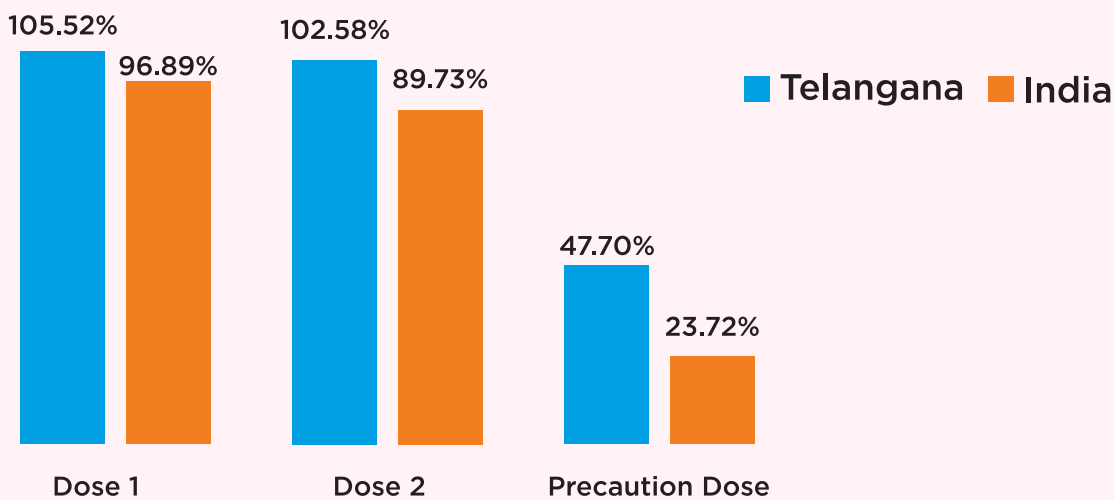


MANAGEMENT OF COVID

The State Government has effectively tackled three waves of COVID-19 pandemic. Telangana is the first state to conduct fever survey during the pandemic, which was appreciated by Government of India and has been emulated by many states. The fever survey has been instrumental in controlling the pandemic both during the 2nd wave and also 3rd wave. The Government has also conducted COVID out-patient services at all government health facilities. In fever survey and COVID OP services all households have been visited multiple times and medical kits were distributed for symptomatic patients.

Telangana has been frontrunner in COVID vaccination. Telangana is 1st in the country in administered precaution doses. As on the 31st December 2022, the details of vaccine administered are as follows:

COVID Vaccination





19

HEALTH
INFRASTRUCTURE



HEALTH INFRASTRUCTURE DEVELOPMENT

- Medical College buildings at Suryapet and Nalgonda
- Hostel building for residents and interneees in GMC, Siddipet
- 29 hospitals upgradation under TVVP
- 11 PHCs construction under DPH&FW
- Construction of 5 MCH Centres
- Construction of 12 CHCs
- Oxygen Pipeline system for 27,500 beds
- 889 Sub-centres construction
- Electric Safety Works in 79 hospitals
- Fire Safety works in 153 hospitals
- Repairs & renovation and up gradation of 61 existing mortuaries
- 20 Sewage Treatment Plants (STPs) in Hybrid Annuity Model
- 27 Paediatric Care Units(42 Bedded)
- 6 Paediatric Care Units (32 Bedded)
- 825 ICU beds in 9 teaching hospitals
- 90 ICU beds in 3 District Hospitals
- 12 Central Medicine Stores
- TSMSIDC has engaged National Academy of Construction (NAC) and Engineering Staff College of India (ESCI) as 3rd party agencies for inspection of the works
- TSMSIDC has established full-fledged Quality Control Wing to ensure the quality of works and the materials being used
- 10 CT Scan machines procured and installed in major hospitals
- 21 C-ARM machines procured and installed in major hospitals
- Cathlab are established at District Hospital, Khammam and Osmania General Hospital, Hyderabad
- Operation theatre complex at MNJ Hospital
- Formulated new Drugs and Surgical guidelines





MRI Scan (1.5 Tesla): MRI Scan is Installed at Gandhi Hospital, Secunderabad



Cathlab are established at District Hospital, Khammam and Osmania General Hospital, Hyderabad

OXYGEN INFRASTRUCTURE

During second wave of COVID, shortage of oxygen was experienced across the country. Efforts are made to augment oxygen generation capacity and infrastructure in the state. The oxygen generation capacity, which was 135 MT/day during COVID second wave, has been increased to 332.6 MT/day.

S. No.	Source of Oxygen	Oxygen Generation during 2 nd Wave (MT/ Day)	Current Generation Capacity (MT/Day)
1	Liquid Oxygen	108	174
2	Air Separation Unit	27	27
3	PSA Plants	0	131.6
	Total	135	332.6

- In addition to above M/s Linde is establishing liquid oxygen generation plant with capacity of 190 MT/ Day
- Oxygen pipelines are provided to all beds in government hospitals (27,500 beds)
- 9,500 B-Type Oxygen Cylinders and 5,400 D-Type Oxygen Cylinders are made available during COVID
- 23 Government Hospital in 14 districts have Liquid Oxygen Tanks with capacity of 315 KL
- State has 4 manufacturers of liquid oxygen with capacity of 174 MT
- During COVID about 2500 Ventilators are provided to hospitals



20
**SUBSIDIZED
MEALS
PROGRAMME**



SUBSIDIZED FOOD (3 MEALS A DAY) PROGRAMME

Large number of patients along with their attendants comes to government hospitals in Hyderabad from all over the state to take treatment. There are 18 hospitals in Hyderabad / Greater Hyderabad Municipal Corporation (GHMC) which see a large number of patients coming from various districts. The patients and their attendants stay in these hospitals for several days.

**Launched
3 Meals a Day
Scheme
(Rs. 5 Per Meal)
across
18 Hospitals**



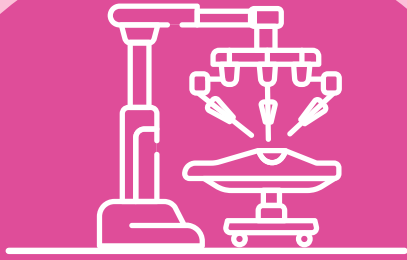
An elderly woman is all smiles as the State government launched Rs 5 per meal scheme for attendants of patients in Hyderabad.

Free diet is being provided to patients in the hospitals by the Government, but patient's attendants find it difficult to obtain food within hospital premises.

Government has launched a scheme to provide three meals a day to attendants of patients in (18) major Government Hospitals at a nominal cost of Rs. 5 per meal.

8 Lakh Meals Provided During Last 6 Months





21

**EQUIPMENT
MAINTENANCE
PROGRAMME**



EQUIPMENT MAINTENANCE PROGRAMME

The Government has introduced an Equipment Maintenance Policy. As per the policy, all Biomedical Equipment which cost above Rs. 5 lakhs are classified into 3-categories.

CATEGORY	DESCRIPTION
Category-A	Under Warranty
Category-B	Under Comprehensive Annual Maintenance Contract (CAMC)
Category-C	Not under Warranty & CAMC, but in working condition and completed more than 7 years

Hospitals Raise the Request for Repair through eUpkaran Webportal



**Established
Programme
Management
Unit (PMU)**



22

IHFMS



INTEGRATED HOSPITAL FACILITY MANAGEMENT SERVICES (IHFMS)

Integrated Hospital Facility Management Services (IHFMS) have been launched with enhanced rate of Rs.7500 per bed per month. Under these services some hospitals were reserved for entrepreneurs/agencies belonging to persons from SC Community. The hospitals are selected through drawl of lots conducted on 29-03-2022.





23

**DIALYSIS
SERVICES**



DIALYSIS SERVICES

Free dialysis is provided to patients in Government hospitals. These centres are run in PPP mode under Hub & Spoke model. The hospital at which dialysis units are to be set up shall be Spokes which will be under the hub centres viz., Department of Nephrology of Osmania General Hospital, Gandhi General Hospital and NIMS. These hubs will oversee the standards and monitor and supervise the performance of service providers in the spoke hospitals during the contract period.

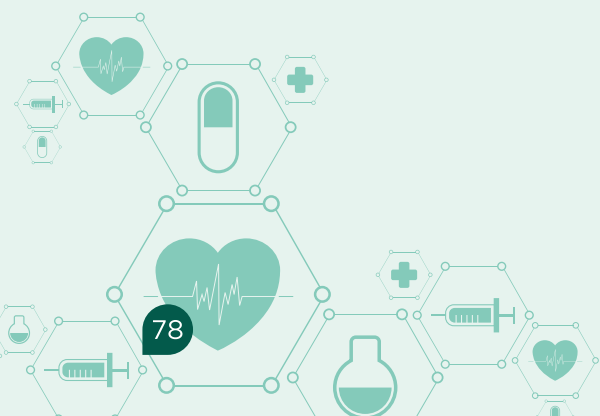
Providing Free Dialysis in Government Hospitals

50 lakh dialysis sessions so far



IN 2022, 61 NEW DIALYSIS CENTRES AND 515 NEW DIALYSIS MACHINES ARE SANCTIONED

S. No.	Cluster Name	Existing Centres	Existing Machines	New Centres Sanctioned	New Machines Sanctioned
1	Cluster-I	13	104	17	115
2	Cluster-II	18	126	27	250
3	Cluster-III	10	83	17	150
	Total	41	313	61	515





24

AAROGYASRI



AAROGYASRI

MoU for converged scheme of “**Ayushman Bharat PMJAY – Aarogyasri**” was signed on 18th May 2021. The maximum coverage limit per family per annum has been increased from Rs. 2 lakhs to Rs. 5 lakhs. All existing Aarogyasri beneficiaries have been brought under the converged scheme. Existing Aarogyasri packages will continue to apply for both government and private hospitals and payment will be made at current Aarogyasri package rates.

Coverage Limit Increased from Rs. 2 Lakh to Rs. 5 Lakh



Year	Unique Patients	No. of Pre-Auth. Cases
2022	2,59,787	5,22,504

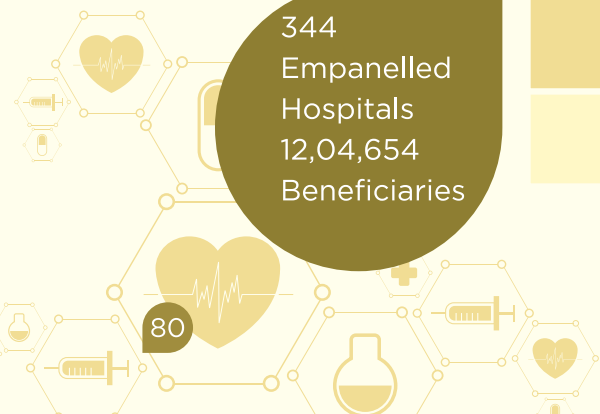
Employee and Journalist Health Scheme

Scheme to Provide Cashless Treatment to Employees, Pensioners & Journalists

Employee and Journalist Health Scheme is implemented to provide cashless treatment to all the State Government employees, Pensioners, Journalists and all their dependent family members. Out-patient treatments are provided through Wellness Centres and in-patient treatment through empanelled Hospitals. There are 344 empanelled hospitals under this scheme and 12,04,654 beneficiaries are enrolled.

344 Empanelled Hospitals
12,04,654 Beneficiaries

Year	Unique Patients	No. of Pre-Auth. Cases
2022	43,702	65,552





25

**DIGITAL HEALTH
INITIATIVES**



DIGITAL HEALTH INITIATIVES

Tele-ECG
Machines are
Installed at
Spoke Hospitals

Tele-ECG: Under the STEMI program, artificial intelligence-based Tele-ECG machines are installed at spoke hospitals connected to a tertiary care hospital serving as the hub. These machines transmit ECGs to both spoke physicians and hub cardiologists, allowing for a quick diagnosis of STEMI within a turnaround time of less than 3 minutes.



Established
e-ICU Command
Control Centre

Electronic Intensive Care Units (e-ICUs): e-ICUs offer remote critical care through technology and a Command Control Center (CCC) at a tertiary care hospital. The CCC has workstations, a video wall, and video conferencing technology to connect with caregivers. e-ICUs use cameras, monitors, microphones, and alarms to provide real-time patient data and allow intensivists to communicate with on-site care givers.



e-ICU Command Control Center established at NIMS, Hyderabad

Tele-Mental Health Programme (Tele-Manas): The Tele-Mental Health programme offers 24/7 mental health services, including counseling, psychology, and psychiatry, through a helpline (14416). It has received 1027 calls since its launch on October 11th, 2022.



e-SNCUS to Improve the Management & Coordination of Neonatal Care

e-Special New Born Care Unit (e-SNCUs): The state has implemented electronic neonatal intensive care units (e-SNCUs) as a way to improve the management and coordination of neonatal care. The e-SNCUs are based on the successful e-ICU project under the STEMI program, with a hub at the COE - Niloufer hospital that connects to all peripheral SNCU hubs. Currently, 5 SNCUs are being mentored through video calls and telemedicine, with in-house staff nurses and medical officers receiving support and guidance.

First Time in India Installed CCTVs in PHCs

CCTV Cameras in PHCs: The Government of Telangana has installed CCTV cameras in 887 Primary Health Centres (PHCs) in both rural and urban areas to enhance security and safety, and to facilitate communication in case of health emergencies. Doctors at PHCs can also use the cameras to monitor pharmacies and diagnostic labs connected to them and to provide speciality services in partnership with medical colleges and district hospitals. This marks the first time in India that CCTV cameras have been installed in PHCs, to strengthen the primary medical sector in the state.



Launched
'Telangana
Diagnostics'
Web Portal

Telangana Diagnostics Web Portal: As part of the digital health initiatives, Telangana-Diagnostics web portal was launched that connects diagnostic centres with hospitals and health centres in the state. In 2022 the process was streamlined to improve services and expedite the process where nearly 1 crore tests were completed, with same-day report availability.

e-Sanjeevani (Tele-consultation Services): e-Sanjeevani OPD, of the Ministry of Health and Family Welfare in India, is a web-based National Tele-consultation Service that allows patients to register, generate a token, and receive audio-video consultations with a doctor, as well as e-Prescriptions and SMS/email notifications. The service is handled by state doctors and is fully configurable with daily slots, the number of doctors/clinics, waiting room slots, and consultation time limits.

Introduced
Shishu-Aadhar
Aimed at
Improving
Registration

Birth and Shishu-Aadhar: The Birth and Shishu-Aadhar program in Telangana is aimed at improving the registration and tracking of births and neonatal care. It uses the CELC (Child Enrolment Lite Client) Kit, which includes a tablet PC and biometric device, to capture and store information about new-borns and their care.



26

RECRUITMENT



RECRUITMENT

Realizing the need to fill vacancies in Health Department on the directions of Hon'ble Chief Minister, the Government in 2022 has given permission to fill 12,522 direct recruitment vacancies on regular basis. The recruitment mainly to be conducted through Medical Health Services Recruitment Board (MHSRB) and Telangana Public Service Commission (TSPSC).

S. No.	Recruiting Agency	Number of Cadres	Number of Posts to be Filled
1	MHSRB	42	10,348
2	TSPSC	80	2,362
3	MHSRB	1	45
	TOTAL	123	12,755

So far the following notifications are issued:

S. No.	Cadre	No. of Posts for which Permission is Issued	Remarks
1	Civil Assistant Surgeons	969	Recruitment completed
2	Assistant Professor	1,147	Notification issued by MHSRB
3	Staff Nurse	5,204	Notification issued by MHSRB
4	Food Safety Officer	24	Notification Issued by TSPSC
5	Drug Inspectors	18	Notification issued by TSPSC
6	Assistant Professors (NIMS)	45	Notification issued by NIMS





Hon'ble Health Minister handing over appointment orders to newly recruited doctors on 31.12.2022





27

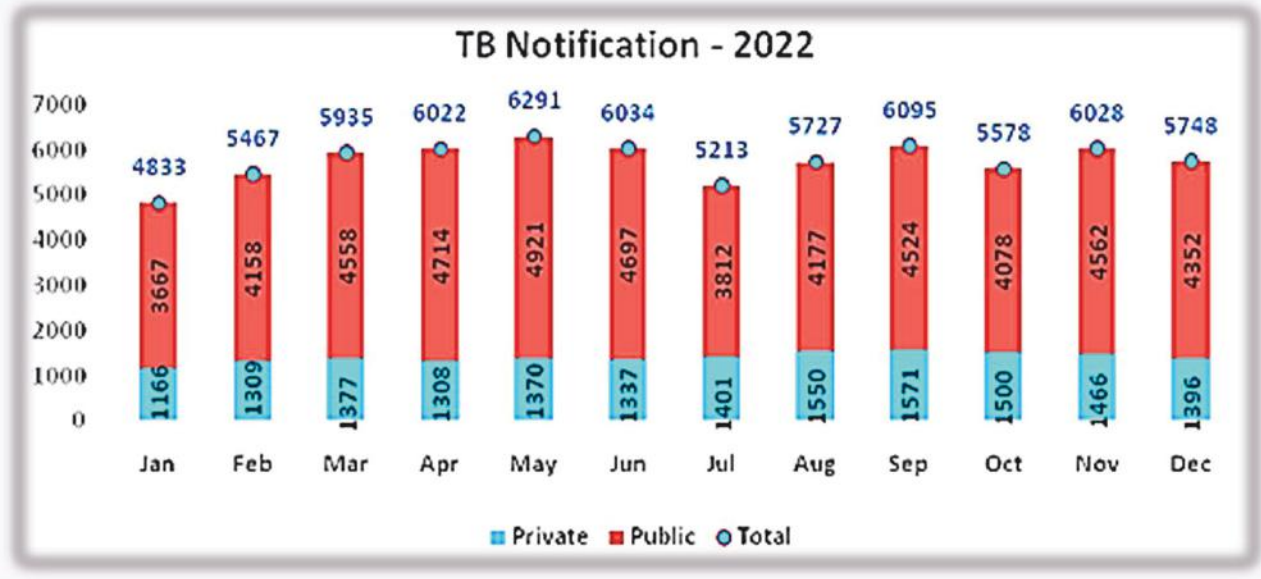
NTEP



NATIONAL TUBERCULOSIS ELIMINATION PROGRAMME (NTEP)

The NTEP was initiated in 1997 for the complete eradication of TB and covered the entire country in 2006. The new National Strategic Plan for TB 2017-2025 aims to accelerate progress towards the goal of ending TB by 2025 from India.

NTEP - MONTH WISE TB NOTIFICATION FROM BOTH PUBLIC AND PRIVATE



Three districts in Telangana were recognized for their progress in eliminating tuberculosis (TB). Nizamabad received the Silver Award, while Bhadrachalam and Khammam received the Bronze Award. These awards were presented at a World TB Day program held in New Delhi on March 24, 2022, and were received by officials from the State Health Department.





28

NLEP



NATIONAL LEPROSY ERADICATION PROGRAMME (NLEP)

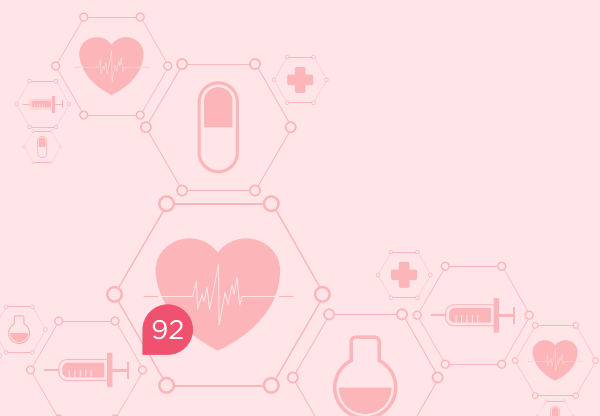
S. No.	Indicators	Telangana Status 2022	India 2020-21
1	Annual New Cases Detection Rate ANCDR/100000 population	4.13	4.58
2	Prevalence Rate	0.49	0.41
3	% of Child Cases Detected	4	5.76
4	% Gr. II Deformity Cases	1.12	2.48



IPC AT SANJAYNAGAR, HYDERABAD



LEPROSY TRAINING FOR MEDICAL OFFICERS





29

NMHP



NATIONAL MENTAL HEALTH PROGRAMME (NMHP)

The state aims for early detection and diagnosis of mental health disorders in the community and treatment at the primary healthcare level and to reduce the stigma of mental illness through public awareness. Services include in-patient, out-patient and school mental health programs.

HIGHLIGHTS

As of date, the program is implemented in 26 districts of the State. Diagnosed 25,547 patients with mental health disorders and are put on treatment.

Total Cases Put on Treatment	Common Mental Disorders	Severe Mental Disorders	Substance Abuse	Others (Mental Illness)
25547	6384	5500	4299	9364



District Mental Health Clinic at District Hospital, Khammam

- A Tele-Mental Health programme launched on 11.10.22 a 24x7 mental health services to provide accessible, affordable, convenient services through a team of trained counsellors, psychologists and psychiatrists. Till now 1027 calls were connected, out of which 120 calls were transferred to Psychiatrist consultation and 107 were referred to District mental health unit.





30

NVBDCP

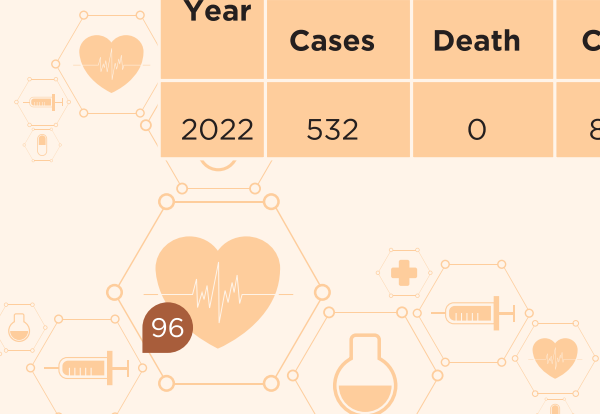


NATIONAL VECTOR BORNE DISEASE CONTROL PROGRAMME (NVBDCP)

ACTIVITIES:

- Screening of all the fever cases through active/ passive surveillance.
- Malaria Microscopy examination made available in all the PHCs & also Rapid Diagnostic Test (RDT) kits are kept in PHC's, SCs & ASHAs for early diagnosis in all districts, stock is available.
- Providing treatment to positive cases within 24 hours & ACT (Artemisinin Combination Therapy) tablets are kept in every PHC for treatment of Pf cases.
- Collecting samples from all suspected Dengue & Chikungunya cases and tested at concerned SSHs.
- Medical camps are been conducting in tribal areas.
- Weekly Anti-larval operations are being carried out in all urban areas.
- Vigorous Promotion of "**Friday Dry Day**" concept
- Conducting of fever survey and collecting of blood samples from suspected cases and examined at identified 32 sentinel site hospitals and T-hubs (Telangana Diagnostic centres) in the state
- IEC is given on the water storage practices and to keep lids on the containers.
- 33 Rapid Response teams are formed in the Districts to contain the Outbreaks.
- Taking up regular Aedes Vector and Larval Density monitoring in all vulnerable areas and intimating to PO NVBDCP to initiate timely preventive measures.
- Insecticides, Larvicides Diagnostic kits and equipment kept available in all the PHCs and Districts.
- District Co-ordination committee meetings with all line departments conducted in all the districts under chairmen ship of District Collector.

Year	Malaria		Dengue		Chikun Gunya Cases	AES/JE		Micro-filaria Rate
	Cases	Death	Cases	Death		Cases	Deaths	
2022	532	0	8827	0	104	1	0	0.018





31
JEEVANDAN



JEEVANDAN

Jeevandan is as Cadaver Transplantation Program. The nodal centre for Jeevandan is situated at Nizam's Institute of Medical Sciences. Government is putting lot of efforts in creating awareness on organ donation. Several programmes have been conducted in various Institutions, Organizations, and NGOs, in various parts of Telangana including districts. More than 500+ awareness programs have been organized in the state of Telangana. In the year 2022, the number of organs donated is 716.





32
FOOD SAFETY



FOOD SAFETY

The quality of food is checked under the provisions of FSSAI Act by Commissionerate of Food Safety. Licenses are granted to manufactures/whole sellers/retailers under the FSSAI Act. The Commissionerate of Food Safety regularly monitors the implementation of FSSAI Act.

State Food Laboratory: The State Food Laboratory is the first Government food testing laboratory in India which has achieved NABL Accreditation. This laboratory is situated in Nacaharam, Hyderabad. This lab analyses about 1,4000 samples per annum. This lab is performing both Chemical and Microbiological analysis of food including heavy metals and other additives. This lab acts as a quality control lab for Railways and referral lab for Excise Department.





33

**DRUG CONTROL
ADMINISTRATION**



DRUG CONTROL ADMINISTRATION

Drug Control Administration enforces the following Acts:

- Drugs and Cosmetics Act, 1940 to provide safe, efficacious and qualitative pharmaceutical products and cosmetics.
- Drugs (Prices Control) Order, 2013 to make drugs available at the prices fixed by NPPA
- Drugs and Magic Remedies (Objectionable Advertisements) Act, 1954 to prevent cheating etc through false claims and advertisements pertaining to drugs and diseases
- Narcotics Drugs and Psychotropic Substances Act 1985 for grant of licenses (NDPS-1 & NDPS-2) and transport permits for NDPS drugs (inter and intra state)





34

**AIDS
CONTROL**



AIDS CONTROL

“AIDS Control Programme” is implemented by Telangana State AIDS Control Society (TSACS).

- Estimated adult prevalence in Telangana is 0.47% (Nation 0.21%)
- Decline in new infections since 2010 in the state is 70.95% (Nation 46.25%)
- Decline in AIDS related deaths since 2010 is 87.76% in the State (Nation 76.54%)

New Initiatives and Releases/Launch

- **DISHA:** Revamping of current strategy for monitoring the implementation of National AIDS Control Program at the District level in the form of District AIDS Prevention and Control Unit (DAPCU) in 189 districts of the country to the Cluster Level Strategy (DISHA - District Integrated Strategy for HIV/AIDS) covering maximum districts across the Country. In Telangana, 13 Clusters were approved to monitor all the 33 districts in the State.
- **Sampoorna Suraksha Strategy (SSS):** The overall objective is to reach out to the populations 'at risk' for HIV and STI/RTI and who attend ICTCs and become tested negative. Establishment of 9 Suraksha Kendras is under process.
- **3 Viral Load Centres** were established and functioning at Osmania Hospital, Gandhi Hospital and Warangal Medical Colleges.
- **Elimination of Mother to Child Transmission of HIV and Syphilis (EMTCT)** is 3.6% against the target of less than 5% in breastfeeding populations or less than 2% in non-breastfeeding populations.
- **One-Stop Centre** was established at Warangal for Migrant people to provide commodities like Condoms, HIV testing kits, STI colour coded drug, Kits etc.,





35

**AWARDS &
RECOGNITIONS**



AWARDS & RECOGNITIONS

MATERNAL HEALTH AND NUTRITION

- Top-performing State in Midwifery
- 2nd Best Performing State in Identifying High-risk Pregnancies

CHILD HEALTH AND IMMUNIZATION

- 10 SNCUs in the State have been Accredited by the National Neonatology Forum

TELANGANA DIAGNOSTICS

- Hyderabad Central Hub is NABL Certified
- National Health Mission (NHM) Adjudged the Telangana Diagnostics Program as one of the Best Initiatives in “Good and Replicable Practices and Innovations in Public Healthcare Systems”
- NITI Aayog, hailed the outcomes produced via Telangana Diagnostics

COMPREHENSIVE PRIMARY HEALTH CARE SERVICES - HEALTH & WELLNESS CENTRES-PALLE DAWAKHANAS

- Received awards at Varanasi, Uttar Pradesh for achieving the target for Operationalization of AB-HWCs
- Received awards for Highest Number of Wellness Activities and Highest Number of NCD Screenings as a part of Azadi ka Amrit Mahotsav

QUALITY ASSURANCE PROGRAMME

- Winner in PHC and District Hospitals Category
- Runner-up under UPHCS Category for having Highest of Facilities for NQAS, Quality Certified

NATIONAL TUBERCULOSIS ELIMINATION PROGRAMME (NTEP)

- Bronze and Silver awards were received for initiatives aimed at eliminating Tuberculosis

NATIONAL VECTOR BORNE DISEASE CONTROL PROGRAMME (NVBDCP)

- The Ministry of Health and Family Welfare recognized Telangana for its excellent progress in Malaria elimination.



36

**EVENTS &
MEETINGS**





Hon'ble Minister with newly recruited doctors

ಶಿಲ್ಪಕಲಾ ವೆದಿಕೆ
SHILPAKALA VEDIKA





**DEPARTMENT OF HEALTH,
MEDICAL & FAMILY WELFARE
GOVERNMENT OF TELANGANA**