

ANNUAL ACTIVITY REPORT

2023-24



HEALTH AND FAMILY WELFARE DEPARTMENT
GOVERNMENT OF ODISHA

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Chapter-I

Activities of Health and Family Welfare Department

1.1 Introduction

Health & Family Welfare Department, Government of Odisha is committed to provide in conformity with National Health Policy, Govt. of India, affordable, accessible, equitable and quality health care services to its people with special focus on underserved and hard to reach areas of the State. The department to achieve this objective has been endeavoring to improve and enhance infrastructure development of the health facilities across the State in addition to addressing Human Resource Management, procurement of equipment & instrument, free supply of essential drugs and other logistics in all the Govt. Health facilities of the State.

The foundation of the public health system in Odisha has been laid on the guiding principles - “Sustha Odisha, Sukhi Odisha” and “Healthcare for All – Each Life matters”. Based on these principles, Odisha with population of over 46 million is marching towards universal health coverage through ensuring universal access to equitable, affordable and quality health care services that is accountable and responsive to the people’s needs.

Budgetary allocation for the health sector has been augmented to fill up shortage of doctors and infrastructure to deal with dispensation in the health care service delivery in the State.

Objectives:

- To ensure adequate, qualitative, preventive & curative health care to people of the State.
- To ensure health care services to all particularly to the disadvantaged groups like scheduled tribes, scheduled castes & back ward classes.
- To provide affordable quality healthcare to the people of the State, not only through the Allopathic systems of medicine but also through the Homeopathic & Ayurvedic systems.
- To ensure greater access to primary health care by bringing medical institutions as close to the people as possible or through mobile medical health units, particularly, in the underserved & backward districts.
- To improve health care in the KBK districts of the State.
- To reduce maternal, infant & neo-natal, U5 mortality rates.
- To prevent and reduce mortality & morbidity from communicable, non- communicable; injuries and emerging diseases.
- To improve hospital services at the primary, secondary & tertiary levels in terms of infrastructure, drugs & human resources for health.
- To impart training to doctors, nurses & other paramedical staff to upgrade their skills & knowledge to improve quality health care in the state and improve medical education in the State.
- To ensure full immunization coverage vaccination of all children against 12 vaccine preventable diseases as part of Universal Immunization programme.
- The main programmatic components include Health System Strengthening, Reproductive-Maternal- Neonatal- Child and Adolescent Health (RMNCH+A), and Communicable and Non-Communicable Diseases.

1.2 Health care Infrastructure in the State

Table 1-Health Infrastructure in the State

Health Facility	Numbers
Medical College and Hospitals	11
District Hospitals (in 30 districts + Capital Hospital, BBSR & R.G.H RKL)	32
Sub-Divisional Hospitals	32
Community Health Centres	375
Urban Community Health Centres	7
Other Hospitals	55
Infectious Disease Hospitals	5
Cancer Institute	1
Training Centres	5
Primary Health Centres (N)	1236
Urban Primary Health Centres	115
Sub-Centres	6688
A.N.M. Training Schools	21
College of Nursing	8
M.P.H.W.(Male) Training School	3
Ayurvedic Hospitals (not attached to College)	2
Ayurvedic College & Hospitals	3
Ayurvedic Dispensaries	620
Homoeopathic College & Hospitals	4
Homoeopathic Dispensaries	562
Unani Dispensaries	9

(Source : DHS, 2023)

1.3 Resources and Budgetary Allocation for the Year 2023-24

For the financial year 2023-24(BE) an amount of **1575653.28**Lakh had been made in the Health & Family Welfare Budget as detailed below:

Table 1-Resource and Budgetary allocation

Sl No.	Unit of Expenditure	B.E(in lakhs)
1	Establishment, Operation and Maintenance Expenditure	372509.66
2	Programme Expenditure	1203143.62
Total		1575653.28

(Source: Budget Document-Health & Family Welfare Department)

PROGRAMME EXPENDITURE 2023-24

SI No	Name of the Schemes		2023-24(BE)
1	2		3
	State Sector Schemes		
1	Biju Swasthya Kalayan Yojana (BSKY)	NIRAMAYA	31266.86
			20000.00
		NIDAN	10000.00
			4000.00
		SUNETRA	2347.00
		SAMMPurNA	13615.19
		Emergency Medical Ambulance Service (EMAS)	25047.93
		Odisha State Treatment Fund (OSTF)	0.03
		Strengthening of Blood Services in Odisha (including Grants to SBTC)	2900.01
		Odisha Comprehensive Cancer Care Plan	21108.65
		Casualty & Trauma Care Facilities in Odisha	1523.37
		Swasthya Sanjog	2731.53
		Swasthya Sahaya	17136.37
		NAT PCR Facilities	2200.00
		Mental Health Programme	200.00
		Mobile Health Unit (PPP Mode)	484.12
		Establishment & other cost	238000.00
FTTF(Free Treatment of Trauma Fund)	2000.00		
	Mukhya Mantri Bayu Swasthya Seva (MMBSS)	125.00	
	Sub-Total	394686.06	
2	Mukhya Mantri Swasthya Seva Mission (MMSSM)	Infrastructure Development of Health Institutions (Non Res)	9000.00
			1400.00
			60000.00
			65500.00
		Total	135900.00
		Infrastructure Development of Health Institutions (Res)	2000.00
			7300.00
		Total	9300.00
		Redevelopment Programme of SCB MCH	140000.00
Swasthyaseva Bhawan	0.01		
Public Health Response	15000.00		
Health Investment Promotion Policy	100.00		
	Sub-Total	300300.01	
3	Odisha University of Health Sciences	4000.00	

SI No	Name of the Schemes	2023-24(BE)	
4	Organ Transplantation Campaign	0.01	
5	Special Campaign for reduction of Mortality rate (Maternal, Neonatal, Anaemic etc.)	0.01	
6	Malaria Control Programme (DAMMaN)	820.00	
7	De-addiction Centres in Medical Colleges	1000.00	
8	Bio Medical Waste Management	20088.00	
9	Food Safety Programme	532.00	
10	Dedicated Power Supply to Health Institutions	100.00	
11	Diet	7116.65	
12	Bedding, Clothing& Linen	0.12	
13	Bio- Medical Waste Management Expenses	1312.86	
14	KHUSHI	5000.00	
15	Digital Health	0.01	
16	Jeevan Uphar	120.00	
17	Tele Medicine	450.00	
18	Liver Transplant Unit	50.00	
19	HMIS	6233.22	
20	IEC	3000.00	
21	Sanitation expenses	0.27	
22	Other Hospitals (Corpus Fund)	1100.00	
23	Sports, Medicine and Rehabilitation Centre	100.00	
24	Sickle Cell & Thalasemia	572.10	
25	Payment Decretal Dues (Charged)	100.00	
26	H & FW Deptt.	75.00	
27	Headquarters Organisation (DHS)Other Contingencies	75.00	
28	Equipment	Upgradation of Medical College, Cuttack for starting new P.G. Course	3000.00
29		Headquarters Organisation	8000.00
30		Head Quarters Drug Control Organisation	0.01
31		(Ayur) (Hom) Education	0.02
32	Family Welfare Scheme	59898.92	
33	NIRMAL	64569.32	
34	Training	Training of Personnel (DHS)	54.00
35		Medical & Paramedical staff (DFW)	122.00
36	Ayush (salary)	109.11	
37	Infrastructure maintenance (PH)	1155.54	
38	Family Planning Indemnity Scheme	450.00	
39	Skill Lab(Cuttack)	0.01	
40	State Capability and Resilient Growth Policy Programme-EAP	0.01	
41	Awards to Health Professionlas /institute	500.00	

SI No	Name of the Schemes		2023-24(BE)
42	Odisha Cardiac Care Programme		0.01
43	Renal Transplant Unit (Salary)		21.76
44	ANM&GNMSchools (Salary)		1180.79
45	Bone Marrow Transplant Unit		10.00
46	Spare & Services (DMET)		100.00
47	Spare & Services (DHS)		100.00
48	Medicine		870.62
49	Acquiring of Oil Odisha Building		0.01
50	Odisha State Medical Services corporation		0.01
51	Effluent Treatment Plant		0.01
52	Establishment of AIIMS Bhubaneswar (Near Sijua)		0.01
53	Robotic Surgery Unit		0.01
54	Mo masari		0.03
55	Construction of Medical Cyclotron Unit at NISER		7500.00
56	Research Fund in Medical College (DMET)		
57	Ama Hospital (NEW)	Other Charges	18750.00
58		Infrastructure Development of Health Institutes	56250.00
59	Odisha Birth & Death Registration System (OBDRS):		
Sub- Total			274487.45
Total State Sector Schemes			969473.52
Centrally Sponsored Schemes			
60	Rastriya Swasthya Suraksha Yojana (60:40)		0.03
			0.03
61	National Ayush Mission(60.40)		1200.00
			800.00
62	Human Resource in Health & Medical Edn. (60:40) (PMSSY)		0.03
			0.03
63	Drugs Regulatory System (60:40)		0.03
			0.03
64	National Health Mission (60:40)		101604.22
			89460.02
65	Tertiary Care Programme(60:40)		0.03
			0.03
66	PM-Ayushman Bharat Health Care Infrastructure Mission		20682.90
			13132.00
67	NMEP CSP &SS of CSP (50:50)		0.03
			0.03
68	NFCP-CSP &SS of CSP (50:50)		0.03
			0.03

SI No	Name of the Schemes	2023-24(BE)
69	Setting up of Laboratories for Managing Epidemic and Natural Calamity	0.03
		0.03
70	Strengthening of Tertiary Care Cancer Facilities under NPCDCS	1194.31
		796.20
Total Centrally Sponsored Schemes		228870.07
Central Sector Schemes		
71	T.B. Control Programme (Material & Equipment)	0.01
72	National Goiter Control Programme (Other Contingency)	0.01
73	Materials & Equipment for Malaria eradication programme(NMEP)	0.01
74	National Viral Hepatitis Control Programme NVHCP	
75	Purchase of contraceptives , Equipments & Medicine	4700.00
		100
Total Central Sector Schemes		4800.03
GRAND TOTAL (PE)		1203143.62

1.4 Major Activities & Achievements during 2023-24

Odisha's progress in health sector has been considered as exceptional, as Government of Odisha has taken several reform measures for strengthening delivery of healthcare services in lines with Sustainable Development Goals and striving sincerely to achieve Universal Health Coverage. The foundation of the public health system in Odisha has been laid on the guiding principles - "Sustha Odisha, Sukhi Odisha" and "Healthcare for All – Each Life matters". Based on these principles, Odisha with population of over 46 million is marching towards universal health coverage through ensuring universal access to equitable, affordable and quality health care services that is accountable and responsive to the people's needs.

The efforts made in this direction is well reflected in the recent NITI Aayog SDG India Index, 2020-21 in which Odisha's position has improved from "performer" to "Front Runner" under SDG Goal-3 related to Good Health & Wellbeing. Considerable improvement in health outcomes have also observed in NFHS- 5 (2019-21).

Landmark Achievements in Key Health Indicators:

Due to effective implementation of NHM and State budget schemes in the health sector, the people's faith, trust and dependency on public health facilities has been increased significantly, which has been reported in many National Health Surveys and many of the efforts of the State have been appreciated and acknowledged at various National and international forums as given below:

- Odisha has recorded 69.6 points increase in Institutional Births, as it has been increased from 22.6% in 1998-99 to 92.2% in 2019-21, which is better than the all India average of 88.6%.
- With continuous effort in provisioning quality continuum of care, Odisha reported 59 point decline in IMR from 95 in 2000 to 36 in 2020.(Source: SRS). Odisha reported highest point decline in the country since 2005.
- State has achieved SDG Goal in population stabilization measures by reducing the Total Fertility Rate (TFR) from 2.4 in 1998-99 to 1.8 in 2019-21 (India 2.0), which will contribute substantially for accelerating the socio-economic development of the State.
- Odisha has reported 305 points decline in the country in Maternal Mortality Ratio from 424 in 1999-2001 to 119 in 2018-20.
- State has secured 1st rank among all States in Full immunization coverage by improving the immunization coverage from just 44% in 1998-99 to 90.5 % in 2019-21 whereas National average is only 76.4%.
- Odisha's model in sharpest decline in Malaria has been acknowledged Globally by WHO, as Odisha has recorded the path breaking decline over 80% in reported malaria cases and death between 2016 to 2018.Malaria API has declined from 13.22 to 0.52.
- There is a consistent improvement in the ranking of State as per TB Score at the national level with 60.5% score in 2018 (14th Rank) to 80% score in 2020 (7th Rank) and stood 2nd rank in the Country in 2021 for its efforts towards elimination of TB.
- As per the 75th round of NSSO report (2017-18), about 75.1 % in Rural & 55.5 % in urban patients availed IPD services at public health facilities, which is 2nd highest in country followed by Assam. Likewise, 72.2% patients availed OPD services at public health facilities.
- Due to better health care facilities the State's overall life expectancy at birth has increased from 60.4 in 2000 to 69.8 in 2019(SRS).
- State has also shown great achievement in % of Women age 15-24 years who use hygienic methods of protection during their menstrual period which has increased from 47.4 % in 2015-16 to 81.5% in 2019-21 and is better than National average of 77.3%.

Awards/Appreciations Received:

- Awards of appreciation for promoting breast feeding and for the innovative T3 Campaign (AMLAN) (Awarded by Ministry of Health & Family Welfare, Government of India) in the year 2023.
- Awards of Appreciation for identification and treatment of highest number of birth defects cases among children (Awarded by MoHFW, Government of India) in 2023.
- Odisha received Appreciation from @MoHFW_INDIA for the outstanding commitment for Implementing Patient Safety activities in the State.
- Odisha received Certification of Appreciation from MoHFW for outstanding Performance in implementation of MTP Act Amendment ,2021 on the occasion of National Consultation on Comprehensive Abortion Care on 23rd April 2023 at New Delhi

- State Government has won “SKOCH AWARD” SWASTHA BHARAT GOLD in the year 2019 and 2024 for best implementation of BSKY by providing universal health care facilities to all citizens of Odisha.
- Best performing State for the 2 month-long campaign under Azadi Ka Amrit Mahotsav for creation of Digital health IDs (Awarded by Ministry of Health & Family Welfare, Government of India) in 2022.
- The State of Odisha has been awarded by Ministry of Health & Family Welfare, Government of India for excellence in implementation of School Health and Wellness Programme for the year 2022-23.
- Odisha achieved 2nd position among larger States in TB Control Activity in 2021 and 3rd position among larger States in TB Control Activity in 2022 (Awarded by MoHFW, Government of India)
- Three districts (Baragarh, Kendrapara, Jagatsinghpur) received Bronze medal in TB Control Activities in 2022 (Awarded by MoHFW, Government of India)
- Excellence in mental health services in Odisha during the year 2021 (Awarded by IIPH, New Delhi)
- Outstanding response during COVID 19 Pandemic (Felicitates State Surveillance by IDSP-National Centre for Disease Control (NCDC), Govt. of India during 2022).
- Certificate of Appreciation for Malaria reduction from 2015 to 2021 from Government of India during the year 2022.
- Awarded for best practices during Severe cyclone “Fani” by ASHA and GKS and community related activities in the National Summit on best practices, 2019.
- National Award for improved utilization of Public Health Facilities in 2018.
- Awarded 1st prize for Child Survival and 2nd prize for Infant Survival related best practices among EAG States in the National Summit on best practices, organized by GoI, 2013
- Awarded 1st prize for Population Stabilization related best practices among EAG States in the National Summit on best practices, organized by GoI, 2013.

Health System Strengthening

- **Revamping the health infrastructure under the AMA Hospital scheme: AMA Hospital scheme has been launched** with an outlay of INR 3,388.73 to improve health infrastructure over a period of five years from 2023-24 to 2027-28 in a phased manner. In phase 1- **140 health facilities were transformed in a record period of 9 months** with an outlay of INR 750 crores. Under this scheme the Physical Health Infrastructure, basic patient amenities and service delivery system, i.e., Community Health Centers, Sub-District Hospitals and District Head Quarter Hospitals have been upgraded.
- **Biju Swasthya Kalyan Yojana** : BSKY provides universal health coverage to all especially economically backward population segments. It provides comprehensive health care services ranging from OPD consultation to ICU and surgery free of cost in all Government, hospitals and over 900 empaneled private hospitals across 17 states with coverage of Rs. 5 lakh per annum per family and an additional Rs. 5 lakhs for female family members. BSKY Nabin Card has been launched in Rural areas. Under this all Rural Families (except govt. employees, pensioner, income tax payers) not covered under BSKY Scheme are now covered under the Scheme through BSKY Nabin Card and with this expansion, it is estimated that over 1.05 crore families, covering nearly 80% of the population of the State, will be provided health assurance under BSKY. Every month about 1.5 lakhs patients received cashless services amounting of Rs 300 Crores at empaneled private hospitals and the Patient Satisfaction level is 98%.

- Implementing OeHMIS at DHH level and Functional Help desks at all FRUs for providing better information and services to the patients.
- **Implementing MO Sarkar across all 32 DHH and BSKY empanelled private hospitals:** Under this initiative, calls to citizens are made to seek their feedback on the kind of response and service they received when they visited the government and private BSKY empanelled health facilities. Based on the feedback various steps being taken to improve the service delivery and hospital amenities.
- **Niramaya: Free drug distribution scheme :**
 - Under this around 1015 types of Drugs (over Rs. 600 crores expenditure) provided to patients in Govt. facilities across the State.
- **Improved Cleanliness of Hospitals through implementation of state specific scheme Nirmal - Strengthening Ancillary Services at Public Health Facilities.** Due to additional funding for Nirmal under State Budget about 337 public health facilities in 2019-20 and 586 public health facilities in 2020-2021 and 887 public health facilities have been qualified for Kayakalpa Award for the year 2021-22. In the year 2022-23, Total 2413 (26 DHH, 224 SDH/CHC, 657 PHC , 96 UPHC and 1410 HWC SC) qualified for the Kayakalp award.
- **Strengthened Quality Assurance 630 facilities certified under National Quality Assurance Standards (NQAS), 28 facilities got LaQshya certified, 2 Muskan and 3564 hospitals got Kayakalp award.**
- **Integrated Lab:** Public health labs set up in all DHHs, SDH, CHCs and HWC PHCs.
- 48 CBNAAT machines and 399 TruNat machines are functioning across the State at different levels
- **NCD clinics** are functioning effectively at 32 DHHs and 417 SDH and CHCs.
- **CCU/ICUs** are functioning effectively in 10 districts.
- **Dialysis Services (SAHAY): Dialysis Services now extend to sub divisional level with addition of 22 new centres.** More than 10.64 lakhs free dialysis sessions conducted in 58 centres with 446 machines across district and sub divisional level under Sahaya – Free Dialysis Services since 1st January 2018.
- **Strengthening of Free Diagnostic Services (Nidaan)** in all Public Health Facilities up to Sub Centre Level. More than 3.45 crores tests done under Free Diagnostic Services (Nidaan) for patients attended public health facilities from April'23 to March, 2024. The key activities undertaken under Nidaan are:
 - **MRI Services:** Free MRI scans service given to 50,196 patients during April, 2023 to Feb, 2024 at 5 DHH and 3 MCH.
 - **CT scan Services:** Over 2,97,178 patients received Free CT scan services during April, 2023 to Feb, 2024..
 - **Microscopy Centres at PHC HWCs-** Labs established & Microscopes provided.
 - **High end pathology extended upto PHC level through PPP mode.**
- **Cancer Care Initiatives:** "BAGCHI SRI SHANKARA CANCER HOSPITAL" has been established this year with 250 beds along with all modern amenities in the State capital. Another 200 bedded State of the Art Cancer Hospital is in the process of being set up by Tata Memorial Centre in collaboration with Govt. of Odisha in the NISER campus, for which the State is providing 67 acres of land along with Rs. 150 crores for a State-of-the-Art cyclotron, which will be the first in the State and the most advanced in South Asia.
- **Strengthening of Day Care Chemotherapy Centres** More than 1.34 lakhs chemo therapy cycle are given to cancer patients in 32 Centres operational in District Headquarter Hospitals and other tertiary care public health facilities.
- **Strengthened more than 7343 Health & Wellness Centres:** All 12 Expanded Package of Services (EPS) services (RMNCHA, DCP and NCD) have been rolled out in 7343 operational Health & Wellness Centres (HWCs). 5756 CHOs (Community Health Officer) have been posted at Subcentres to provide 12 packages of services. Introduced

wellness activities like Yoga, Cyclothon, health Melas and other health promotion activities in 2023-24. Tele-consultation Services with specialist of DHH and Medical Colleges under E-Sanjeevani being done.

- **Expanded National Ambulance Services** through integrated patient Transport and health helpline services with single toll-free number “108” operated through centralised call centre with fleet of 866 Ambulances (860 EMAS + 6 Boat Ambulance) for emergency medical ambulances services and 500 Janani Express. Six Boat Ambulances are operational in Kendrapara, Koraput, Malkangiri and Kalahandi districts. More than 54 lakhs beneficiaries availed the services under 108 services & more than 44 lakhs beneficiaries availed the services under 102 services. Odisha is the only State providing Air Health Service to patients in remote location. 36 Bike ambulance is available in 7 districts for carrying emergency patients/PW from difficult villages. So far more than 15000 patients benefitted so far.
- **NCD screening** continued for 30+ year’s population for Non Communicable Diseases (NCDs). More than 79.96 Lakhs 30 + years population screened for NCD from 1st April,23 to 31st March,24.
- Ensured effective implementation of Cash Incentives @500/- per month for **24267** Blood Disorder Patients for continuing treatment till December, 2023.
- “TB Harega Desh Jeetega” campaign implemented to achieve “TB Mukta Bharat” by the year 2025. Under “VIKSIT BHARAT SANKALP YATRA” (VBSY), 6869 health camps were conducted. 416718 people were screened for TB during the camps, out of which 32046 people were referred for TB testing. **526 Gram Panchayats** qualified for “TB Mukta” certification. Total TB Notification is 62184 and Total Success Rate is 90.8% during 2023.
- 286981 cataract operations conducted under NPCB and VI from April to Feb, 2024
- **Dental Clinics** established at all DHHs, SDHs & 359 CHCs (out of 388) with regular Dentist, Dental chairs and consumables (SCB Dental College – Nodal Centre for monitoring & mentoring).
- **Comprehensive multiyear action plan in place for Blood services:** Expansion of Universal Free Blood Services in all Govt. Blood Banks (BBs) & Blood Storage Units (BSUs). 5,10,320 units of free blood transfusion (service charge exempted) was issued during the year 2023.
- 66 Malaria Sentinel site and 40 Dengue sentinel sites are functioning effectively during 2023-24.
- **Ama Clinic:** Provision of Specialist Services in Urban PHCs/CHCs is being made through Ama Clinic. At present, 115 Urban PHCs and 7 Urban CHCs provides 12 types of specialist services (Pediatrics, O&G, Medicine, Psychiatric, ENT, Skin & VD, Ophthalmology, Surgery, Orthopaedic, Dental, Nutrition, Physiotherapy) , as per the availability of the Specialists in the locality
- **Khushi Scheme** is implemented for providing free sanitary napkins to school girls from Class 6 to 12 in all the government and government-aided schools in the state.
- **PM-ABHIM and XV-FC:** In view of Covid-19 and to manage public health emergencies in future, steps are being taken to establish network of Public Health Laboratories and Public Health Units up to Block level with additional funding support under PM-ABHIM and XV-FC. In addition, priority has been given to establish critical health care Blocks in all Districts, strengthening of diagnosis services, expansion of tele-medicine services up to Sub Centre level HWCs, establishment and expansion of hybrid ICUs and ICUs at all District Head Quarter Hospitals (DHH) and provision of oxygen supported beds up to PHC/UPHC level, establishment of Liquid Medical Oxygen (LMO) plants & Medical Gas Pipeline System (MGPS) in all DHHs and saturation of PHCs & SCs buildings as per IPHS norm, and establishment of Urban Health & Wellness Centres to provide comprehensive primary healthcare services. To supplement the activities under NHM & PM-ABHIM, a sum of Rs. 483.18 Crs has also been allocated for the year 2024-25 under XV-FC

- **National Sickle Cell Disease Mission:** As per National Sickle Cell report, 15% population are diseased with Sickle Cell and 10% - 40% traits observed in Odisha. In order to lower the prevalence of these diseases, the National Sickle Cell Anemia Elimination Mission was launched in 2023 as part of the National Health Mission. Under the scheme, about 22 lakhs of population will be screened per year for the next three years.
- Saheed Rendo Majhi Medical College in Kalahandi and Pabitra Mohan Pradhan Government Hospital, Talcher were inaugurated and functionalised in 2023.
- Five new Teaching Hospitals of Government Medical Colleges were inaugurated and functionalised.
- Government Cancer Hospital, Bargarh was inaugurated and functionalised.
- Cardiac Care Hospital, Jharsuguda, set up in PPP mode, was inaugurated and functionalised.
- MoU was signed for setting up of 2 super-speciality and 4 multi-speciality hospitals in PPP mode.
- Three new DHH buildings, 5 new SDH buildings, 33 new CHC buildings, 24 new PHC buildings and 58 new Sub-Centre buildings were inaugurated and functionalised.
- Healthcare projects of over Rs. 3,000 crore were inaugurated and foundation was laid for projects of value over 4,000 crores.
- Swasthya Sanjog: 177 Mobile Health Units were introduced to provide better health care services in 5500 difficult and hard to reach areas. These health units are equipped with medicines, doctors and paramedics. They provide primary health care services at the doorsteps of needy people in remote areas on a fixed day every month.

Preventive Health Care

- **Mukhya Mantri Swasthya Seva Mission:** It is a basket of schemes which includes, Infrastructure development of Public Health Institutions (Non Residential and residential), Public Health Response fund to address public health emergency, Odisha State Treatment Fund to provide financial assistance for critical health care and Health Investment Promotion Policy.
- Disease outbreak management for Jaundice, Dengue, Swine flu, Malaria (DAMaN, GFTAM)
- Guidelines and protocols issued to all districts on Covid-19 pandemic
- SOPs made for line depts & for collectors for disease outbreak management
- Strengthened review (fixed day monthly meeting)
- IDSP review done by collectors
- **Bio medical waste management:** Currently all 1821 hospitals are under the Authorization administration of SPCB, Odisha..2413 hospitals have received kayakalpa award in 2022-23.
- **Mental health:** National Mental Health Programme is implemented in all 30 districts. 32 District Mental Health units are functional at district level with 115 dedicated DMHP staffs where total OPD(new) is 28353 during **April,23 to March,24.**
- **Food safety programme:** Food Safety Appellate Tribunal has been established. State Food Testing Laboratory, Bhubaneswar is the approved statutory Laboratory by the FSSAI under Government of Odisha for testing & analysis of all types of food samples. One Mobile Food Testing Laboratory (MFTL) has been provided to the State by the FSSAI for ensuring spot quality testing & create awareness in different areas.

Strengthening Human Resources for Health

- Various steps have been taken up for augmentation of Human Resources in Odisha which includes not only creation of new posts or increasing seats in medical colleges, but also appointment/engagement of regular / contractual doctors and measures for retaining them as well.

- **Recruitment of Medical Officers** is being done on regular basis through Odisha Public Service Commission (OPSC). 2290 Nos. of posts of Assistant Surgeons have been filled up vide Govt. Notification No.32016/H dt. 27.12.2023.
- 44 Nos. of post of Dental Surgeon have been filled vide Govt. Notification No.32008/H dt. 27.12.2023.
- 5000 numbers of posts of Medical Officers (Class-I Jr) has been newly created vide Govt. letter No.17236/H dt. 10.07.2023 thereby raising the entry level posts from 10774 to 15774
- **Pharmacist:**In 2023 Government have restructured the Pharmacist Cadre wherein the total cadre strength has been enhanced from 4072 to 5009.The base level post, Pharmacist has been re-designated as Pharmacy Officer, while the 1st level, 2nd level, 3rd level & 4th level of promotional hierarchy have been Senior Pharmacy Officer Level-II, Senior Pharmacy Officer Level-I, Chief Pharmacy Officer & Assistant Director respectively.
- **Radiographer:**In 2023, Government have restructured the Radiographer Cadre wherein the total cadre strength has been enhanced from 721 to 1160. 1st level, 2nd level, 3rd level & 4th level of promotional hierarchy have been created newly as Senior Radiographer Level-II, Senior Radiographer Level-I, Radiation Safety Officer & Assistant Director respectively.
- **Medical Laboratory Technician:** In 2023 Government have restructured the Laboratory Technician Cadre wherein the total cadre strength has been enhanced from 2341 to 2581. The base level post of Laboratory Technician has been re-designated as Medical Laboratory Technician, 1st level, 2nd level, 3rd level & 4th level of promotional hierarchy have been newly created & designated as Technical Officer (MLT) Level-II, Technical Officer (MLT) Level-I, Chief Technical Officer (MLT) & Assistant Director respectively.
- Restructuring of Odisha Medical & Health Services Cadre (OMHS) has been done vide Govt. Resolution No. 2630/H dt. 01.02.2024 for giving more scope for promotion.
- Place based incentives (PBI) is given to the Medical Officers working in different difficult / remote areas in the state as per vulnerability status of the places taking into consideration certain key parameters such as difficult and backwardness of the location, tribal dominance, left wing extremism, train communication, road and transport facilities, social infrastructure and distance from state head quarter etc.
- Bond has been introduced for the doctors who are doing post-graduation. After completion of post-graduation, they need to serve for two years under state govt.
- Corpus fund has been created in KBK and KBK plus districts for optimal utilization of human resources in inaccessible areas of these districts. This fund is being utilized for filling up the gaps in the districts for human resources. Doctors and Specialists are engaged on negotiable remuneration under this scheme.
- The remuneration of contractual doctors have been enhanced to 55,000/- for MBBS doctors and 60,000/- for Specialists with a hike of 3 % in every year on satisfactory completion of one year of contractual service w.e.f. 01.07.2018.
- Study leave period of Medical Officers has been increased from 3 Years to 6 Years and the said period will count towards their promotion under DACP.

Others Key RCH Intervention

- **First Referral Unit:** 80 FRUs are providing C section services out of 94 FRUs.
- **Janani Surakya Yojana (JSY):** Total 4,21,699 number of beneficiaries have been benefitted under JSY (from 2023-24).
- **LaQshya:** Under this programme the LR & MOT will be standardized for providing quality care services. By February 2024, 24 nos. of OTs and 25 LRs have been certified from National Level.
- **Maternity Waiting Homes (Maa Gruha):** So far 93 MWH are operational out of 93 targeted in 17 districts.

- **Nursing education strengthened:** Started computerized counseling for admissions into all ANM and GNM colleges, establishment of Skill Labs, Computer Labs, Library, Model ANMTC & GNMTC, Scholarship for ST & SC Students.
- **44 Special Newborn Care Units (Target: 45)** and **49 New Born Stabilization Units** are operational for preventing mortality and brain damage immediately after birth, 771 Newborn Care Corners are functional at Delivery Points.
- **Routine immunization** strengthened with introduction of IPV and Rotavirus and Mission Indradhanush, MR and JE campaign.
- **MHU: 177 Mobile Health Units** are operational under State budget to provide primary health care services at the community level in 18 districts.
- **RBSK:** 630 Mobile Health Teams formed for screening, treatment and referral of children identified with defects, deformity, development delay and diseases at schools and AWCs. During the Year 2023-24, 92.80 Lakh children have been screened by MHT out of targeted 93.34 Lakh children and 322732 new born have been screened at delivery points and 4917 number of children have been identified with congenital birth defects
- **RKSK: 251 AFHC** (Adolescent Friendly Health Centers) clinics has been established to provide services for adolescent girls & Boys. Integrated counseling centers up to CHC DPs. The shraddha clinics provides counseling and curative services at primary, secondary and tertiary levels of care on fixed days and fixed time with due referral linkages.
- **ASHA:** 49,243 ASHAs in position (49,522 target). Total number of Incentives gone up to 64 with assured amount of Rs.4500/- per month (Rs.3500/- NHM PIP + Rs. 1000/- State Budget).
- **National Urban Health Mission** implemented in 50 cities to ensure availability of primary health care services through urban public health facilities of 115 UPHC and 7 UCHC and provision of outreach health care services with focus on urban slums through ANMs, ASHAs, Mahila Arogya Samiti (MAS). Ama Clinic launched for providing specialist care in selected Urban facilities.
- **IMR, MMR reduction strategy:** For accelerated reduction of IMR and MMR in the State, a state specific scheme – ‘SAMMPurNA’ has been implemented in the State since 2015-16. Major interventions include identification, referral and treatment /management of high risk pregnant women and children, provisioning of mother and baby kit, reimbursement of transport cost @ INR 1,000/- for institutional delivery of Pregnant women in notified difficult villages, provision of stretchers for transportation of patients from difficult villages, organization of integrated VHND and Immunisation sessions at under-served and hard to reach areas, establishment of High Dependency Units (HDU) Paediatric Intensive Care Units (PICUs) for management of critical paediatrics cases at District Headquarter Hospitals.

Infrastructure development

- 5 new Medical College & Hospitals have been constructed at kalahandi, keonjhar, Kandhamal, Sundargarh & Talcher, Angul District (Constructed under CSR).
- 20 DHH Buildings have been proposed for construction of new buildings of 300 bed capacity (Bhadrak, Boudh, Koraput, Puri, Jajpur – 300 bedded & Nawarangpur, Nayagarh, kalahandi, Anugul– 200/110/100 bed strength)14 completed and rest under progress.
- Construction of Cardiac Care Hospital at Jharsuguda, Cancer Hospital at Baragarh, LINAC Building at AHRCC and comprehensive infrastructure development of SCB Medical College & Hospital also been taken up under MO SARKAR Announcement.

- Construction of 72 Maternal & Child Health Complex in District / Sub-district & Block Level of various bed strength; ranging from 125 bedded to 30 bedded is under progress (**Completed & functional – 60, Progress - 9**).
- 3501 sub centers buildings have been taken up out of NHM, PM-ABHIM, XV-FC with an approximate financial involvement of Rs.1660.97 crore are being constructed (More than 1200 Nos are under progress).
- 254 PHC (24x7 & Day Care) buildings with an approximate financial involvement of 349.38 cr. constructed.
- **AMA Hospital:** 140 hospitals are transformed in a record period of 9 month .

Ayush & Public Health System

- 1190 Independent AYUSH dispensaries (Ayur-620, Homoeo - 562, Unani - 9) are functional in the State. Apart from these 796 Ayurvedic Clinics, 680 Homoeopathy Clinics and 09 Unani Clinics have been co-located with allopathic health facilities (PHCs & CHCs).
- One Panchakarma unit is functioning at DHH, Kendrapara & two more Panchakarma unit will be made functional at DHH, Bargarh and Keonjhar.
- Two Ayurvedic hospitals are functional in the State.
- 7 AYUSH Medical Colleges are existing in the State (Ayurveda – 3, Homoeopathic – 4)
- Essential AYUSH drugs are being provided to all AYUSH co-located clinics at PHCs & CHCs.
- Essential AYUSH drugs have been procured through OSMCL, Bhubaneswar.
- 250 nos. of Govt. AYUSH dispensaries have been up-graded as AYUSH Health & Wellness Centers under “Ayushman Bharat” in the State.

Chapter-2 National Health Mission

Introduction

The National Rural Health Mission has been in operation since June 2005 in Odisha and has been renamed as National Health Mission (NHM) after widening its service coverage to urban areas. Odisha, has shown a steady and sustained improvement in most of the key impact level indicators of health sector performance since the launch of NRHM in 2005. Odisha recorded highest IMR decline of 47 points in the country by reducing IMR from 75 in 2005 to 36 in 2020 (SRS). Maternal mortality has also declined from 303 in 2006 (SRS) to 119 in 2020 (SRS). The latest NFHS data shows wide improvement in all major process indicators such as ANC coverage, institutional delivery, immunization, nutritional status as against all India average. The state has shown reduction in deaths due to communicable diseases, particularly malaria as the overall TPR has come down to 0.29 in 2022 from 5.23, reported in 2017. Deaths due to malaria have come down from 77 in 2016 to 4 in 2023.

Major activities Undertaken:

2.1. Health Facility Strengthening

State's Mandate is to maximize access to Public Health Facilities, improve Quality Service Delivery and reduce Out of Pocket Expenditure. The dependence on Public Health System in Odisha is high as per NSSO report 2017-18, the percentage share of Government Hospitals in Hospitalization cases (IPD) in Odisha is 75.1% compared to India which stands at 42%. The percentage share of Government Hospitals in OPD cases in Odisha stands at 72.2%. As per NFHS-5, Odisha reported 78.7% Institutional births in public facility against National average of 61.9%.

Strengthening HR:

- 1305 paramedics (47 Staff Nurse, 670 ANM, 99 LT and 645 pharmacists) are in positioned out of sanctioned post 1461 under NHM.
- 96 MO MBBS are in positioned out of 241 sanctioned posts under NHM.
- 3869 management staff are working under NHM for providing techno managerial support.

Strengthening Infrastructure development

- **PM-ABHIM and XV-FC:** In view of Covid-19 and to manage public health emergencies in future, steps are being taken to establish network of Public Health Laboratories and Public Health Units up to Block level with additional funding support under PM-ABHIM and XV-FC. In addition, priority has been given to establish critical health care Blocks in all Districts, strengthening of diagnosis services, expansion of tele-medicine services up to Sub Centre level HWCs, establishment and expansion of hybrid ICUs and ICUs at all District Head Quarter Hospitals (DHH) and provision of oxygen supported beds up to PHC/UPHC level, establishment of Liquid Medical Oxygen (LMO) plants & Medical Gas Pipeline System (MGPS) in all DHHs and saturation of PHCs & SCs buildings as per IPHS norm, and establishment of Urban Health & Wellness Centres to provide comprehensive primary healthcare services. To supplement the activities under NHM & PM-ABHIM, a sum of Rs. 483.18 Crs has also been allocated for the year 2024-25 under XV-FC
- 5 new Medical College & Hospitals are being constructed at kalahandi, keonjhar, Kandhamal, Sundargarh & Talcher, Angul District (Constructed under CSR).

- Extension of Capacity of 5 Medical College & Hospitals from 500 to 650 Bedded Medical College & Hospital (Balasore, Baripada, Bolangir, Koraput & Puri) under progress in MO SARKAR Action Plan completed and functional.
- 20 DHH Buildings have been proposed for construction of new buildings of 300 bed capacity (Bhadrak, Boudh, Koraput, Puri, Jajpur – 300 bedded & Nawarangpur, Nayagarh, kalahandi, Anugul– 200/110/100 bed strength) under MO SARKAR announcement all works under progress. **Deogarh & Sonepur – Finishing stage, Kendrapara – Completed & handed over.**
- Construction of Cardiac Care Hospital at Jharsuguda, Cancer Hospital at Baragarh, LINAC Building at AHRCC and comprehensive infrastructure development of SCB Medical College & Hospital also been taken up under MO SARKAR Announcement.
- Construction of 72 Maternal & Child Health Complex in District / Sub-district & Block Level of various bed strength; ranging from 125 bedded to 30 bedded is under progress (**Completed & functional – 60, Progress - 9**).
- 3501 sub centers buildings has been taken up out of NHM, PM-ABHIM, XV-FC with an approximate financial involvement of Rs.1660.97 crore are being constructed (More than 1200 Nos are under progress).
- 254 PHC (24x7 & Day Care) buildings with an approximate financial involvement of 349.38 cr. constructed.
- Rs.13099.53 crores has been provided under State Plan for infrastructure Development of different level of health facilities like DHH, SDH, CHC, PHC, Repair renovation of existing of DHH/ SDH/CHC/PHC/SC and new construction of Staff Quarters including all Medical College & Hospital, GAD/GHD, ANMTC/ GNMTC etc.
- 123 UPHC/ UCHCs has been newly constructed with a financial involvement of Rs.110.00 lakhs @ per UPHC/UCHC and additional 44 new proposals for construction of UPHC/UCHC also been approved in current financial year.
- 3634 Nos of Sub Center buildings converted to Health Wellness Centre with a financial involvement of Rs.254.38 crore (most of the works already been completed & functional)
- 1054 Nos of PHC Buildings converted to Health Wellness Centre with a financial involvement of Rs.73.78 crore (Completed – 88 & Progress – 366)
- Funds @ Rs.75.00 lakhs for 153 and 85 Nos of BPHU under PM-ABHIM / XV-FC has been approved for construction of Integrated Public Health Lab and Block Programme Management Unit at CHC level in integrated manner to provide better health care facilities as well as smooth management of all programmes in rural areas.
- Strengthening of Cold Chain Units at 32 Drug Ware Houses by providing rackings for smooth management & functional of Cold chain units.
- Construction of 10 Nos CSSD with a financial involvement of Rs.23.10 crore has been taken up out of NHM in the financial year of 2022-24.
- Construction of 10 Nos Modular Kitchen at DHH level with a financial involvement of Rs.18.50 crore.
- Construction of 77 Nos of CHC with a financial involvement of Rs.762.30 crore
- Construction of Training/ Knowledge Hub at DHH level with a financial involvement of Rs.15.40 crore.
- Heavy Duty racking system for smooth management and distribution of essential drugs in 40 nos DWH have been installed and completed with an financial involvement of Rs 22.00 crore (Completed & functional).
- Additional 28 Nos of CCB with a financial investment of Rs. Rs.351.83 crore in 8 Medical College & Hospital and DHH in the State in most of the location work have been started.
- Additional 96 nos of new CHC Building have been taken up with an amount of Rs. 1028.40 crore as per IPHS standard under NHM/ State Plan etc.

- Proper management smoothly functional of Public Health care facilities in rural and hard ship areas 238 nos of BPHU have been taken up with an amount of Rs. 178.50 crore. Almost maximum location work have been started.
- Financially achievement of target as set by Govt. of India/ State Govt. and optimum utilization of approved funds multiple executing agency have been engaged including PSUs.
- 149 Nos of Hospitals have been identified for up-gradation under 5T for betterment of public health care facilities under AMA HOSPITAL within an financial involvement of Rs. 750 crore out of State Budget. Almost all the work in all hospital have been completed and 75 nos have been already been inaugurated on date 17.02.2024 by Hon'ble Chief Minister, Odisha.

Budget sanctioned

Year	Amount approved (Rs. In lakhs)
2019-20 (Supplementary)	28602.05
2020-21	20714.72
2021-22	32127.79
2022-23	60,725.53
2023-24	46,631.01

- Funds also been mobilized from State Plan, OMBADC, DMF, CSR grant, **MO SARKAR Announcement&Chief Minister’s Swasthya Seva Mission** for additional infrastructure development of all level of health institutions





BPHU Tikabali, Kandhamal



Nalanga SC, Bhadrak



UPHC Angul



CHC Ranapur, Nayagarh



State Drug Testing Laboratory, Sambalpur



2.2. Ayushman Bharat-Health and Wellness Centres/Ayushman Arogya Mandir:

All PHC / UPHC & Sub center are being converted to Health & Wellness Centre with addition of one Community Health Officer (CHO) (GNM/BSc Staff Nurses or Ayurveda practitioners who are trained in Six Month Certificate course on Community Health) at Sub center level HWC.

All 12 Expanded Package of Services (EPS) services have been rolled out in 7148(97.2%) operational Health & Wellness Centres (HWCs). Required logistics for the same are being procured and placed at the HWC level. Apart from the RMNCHA+N services, the Community Health Officers (CHOs) have been theoretically oriented on the seventh package of service i.e. on Non Communicable Disease (NCD) services.



Achievements of Population Based Screening (From 01st April 2023 till 31st March,2024):

Enrolled Population	Enrolled 30+ Population	Total Screened population	Referred By Screening	Individuals confirmed with diagnosis	Individuals put under Treatment
89,29,275	53,31,649	79,68,231	6,68,842	Diabetes: 3,36,698 Hypertension: 6,24,122 Oral Cancer: 2,306 Breast Cancer: 439 Cervical Cancer : 478	Diabetes: 3,36,480 Hypertension: 6,23,229 Oral Cancer: 1,764 Breast Cancer: 163 Cervical Cancer: 221

Other Major Initiatives at Ayushman Arogya Mandir/HWC level:

Tele-consultation Services: 1484967 Sessions already conducted during this FY (Apr’23 to March’24). Telemedicine services are not only used for primary routine illness but also for specialist services at DHHs, SDHs & CHCs along with super specialist consultations at MCHs, Acharya Harihar Post Graduate Institute of Cancer, Cuttack, Sardar Vallabh Bhai Patel Graduate Institute of Pediatrics, Cuttack.

The state has revised the modus operandi and has 12 HUBs. PHC/UPHC spokes can connect to Hub at MCHs & Specialized wings as per the requirements of individual patients (SVP PGIP Cuttack, AHPGIC, Manglabag, Cuttack, SCB Dental College & Hospital, Cuttack, MHI SCB Cuttack,



District Mental Health Units-Balangir & Ganjam). All SC HWC can consult directly with the specialists/Super specialists at the designated HUB Medical College and the four major Specialist wings. All HWC Spokes (SC/PHC/UPHC) can also connect to the specialised wings of DHHs or be placed at any other facilities within the district i.e. SNCU, DEIC, NRC, Mental Health wing directly.

- E-Niramay (Online Drug Inventory System)- Extended to 90% PHC-HWCs
- Wellness Sessions: HWCs are equipped for educational session, Yoga Sessions along with JAS meeting, Fixed Day services etc.
- 93% (6888) of JAS constituted against functional at Ayushman Arogya Mandir.

2.3 Free Diagnostic Services:

- Microscopy Centres at PHC HWCs- Labs established & Microscopes provided
- Lab Technicians engaged at PHC-HWCs – Mostly on Outsourced mode
- Special Fund to Facilities out of State Specific Scheme –NIDAAN for managing recurring expenses on reagents & consumables (Example a PHC HWC receives about Rs. 150000 per annum).
- High End Pathology Services extended upto PHC level through PPP Mode .
- CT Scan Services: Plan at 29 major DHHs, Operational- 24
- Digitization & Reporting of X-Ray Services -119/149 Facilities functional
- Dialysis Services: 58Dialysis Centres in 30 Districts (PPP- 55 + System Managed - 3) with average 2 Sessions per day per Machine



2.4 Blood Safety: Free Blood provision made to all Patients treated at Govt Hospitals. **Transport assistance @Rs 500** per patient per month is being provided to blood Disorder Patients. National Sickle Cell Anemia Elimination Mission launched in 2023 as part of National Health Mission under which about 22 lakhs population will be screened per year for next three year.

2.5 RMNCH+A Related Major interventions

2.5.1 Reproductive Health

During 2023-24, efforts were concentrated on enhancing integrated Reproductive Health services through regular reviews and supportive supervision. Significant initiatives were undertaken to restore Family Planning services, with a focus on making reversible contraception methods accessible through ASHAs. Periodic reviews and improved commodity availability led to increased utilization of all Family Planning methods.

In addition to the planned activities for 2023-24, a few extra activities were scheduled for the year, outlined below:

- Involvement of GKS/ VHSNC for strengthening male engagement in family planning:
- Incentives of Rs.750/- for Male Health Workers for Mobilizing clients for Vasectomy:
- Provisioning of Condom Boxes in FRUs, HWCs, CHC, DHH, SDH, UCHCs and UPHCs
- Strengthening FP LMIS and ASHA level roll out of FPLMIS.
- Improving continuation of Antara and promoting basket of choice for the targeted population.

2.5.2. Maternal Health

- **First Referral Unit: 80FRUs** are providing C section services as per norms out of 94 FRUs.
- **Delivery points:** The State has prospective target of 1190 delivery points of which **486** institutions are already functional and steps are being taken for functionalizing remaining DPs. Alongwith 486 delivery points, another 4 Medical Colleges are also providing delivery services.
- **Janani Surakya Yojana (JSY):** JSY have been instrumental in increasing the institutional deliveries Total **4,21,699** number of beneficiaries have been benefitted under JSY (during 2023-24).
- **Janani Shisu Surakshya Karyakram(JSSK)** –4,50,657 of pregnant women have received various JSSK entitlements during 2023-24.
- **Comprehensive Abortion Care (CAC):** In the State 329 facilities are providing Comprehensive Abortion Care.
- **Village Health Sanitation & Nutrition Day:**99% of VHSND Sessions organized during 2023-24 (Up to December,23)..
- **Obstetric HDU & Hybrid ICU:**For providing critical care for obstetrics cases, 5 High Dependency Units in 5 DHHs(Kandhamal, Kalahandi,Keonjhar, Dhenkanal and Capital Hospital) and 2 Hybrid ICUs in MCH MKCG, Berhampur &MCH SCB Cuttack are functional
- **Maternity Waiting Homes (Maa Gruha)** Currently out of 93 State target Maa Gruha, 93 Maa Gruha are functional to accommodate the expected delivery cases from difficult geographical pockets for safe institutional delivery.
- **Initiatives for Anaemia Control:** About 4.4 Lakhs Pregnant women are covered during 2023-24(UptoDec 2023) for IFA and calcium tablet supplementation.Inj. Iron sucrose, Inj. FCM& Blood transfusion services are made available at Institution level for pregnant women with severe anemia. One time de-worming of all pregnant woman ensured during pregnancy in second trimester.
- **PMSMA and extended PMSMA:** During the year 2023-24(UptoFeb 2024)3,05,217 nos. of antenatal cases have been screened.51,114 nos. of high risk cases has been detected who were given Red Card.Under extended PMSMA, the identified high risk cases gets specialized treatment for another 3 visits accompanied by ASHA and for which the beneficiary is provided mobility cost for 3 visits. This has improved the management and treatment of high risk cases.

2.5.3 Child Health

Major interventions undertaken through NHM for the reduction of infant and under-five mortality in the State are as follows:

- **Functionalization of 530 New Born Care Corner (NBCC) in all delivery points.49 New Born Stabilization Units (NBSU)** established and 27 NBSUs are under the process of establishment. Currently, the State has 44 functional Special Newborn Care Units (SNCU) (out of 45 planned) at different MCH, DHH,SDH for treatment of severely sick newborns.Kangaroo Mother Care to low birth weight & sick newborns provided at all 44 institutions.
- **Under Intensified Diarrhoea Control Month (IDCM)** around 3535572 Under 5 children were covered in 2023-24.An intensified diarrhoea control fortnight is held every year from 2015 during the monsoons, where prophylactic dose of ORS is distributed to each under five child in order to prevent any death due to childhood diarrhoea.Under **India Newborn Action Plan (INAP)** all newborns are administered with Vitamin K1 for preventing vitamin K deficiency bleeding disorders and administration of antenatal corticosteroids to all pregnant women identified with preterm labour.
- **Home Based Care for Young Children (HBYC)**All ASHAs have been trained for making home visits to all young children for early identification and referral of newborns with danger signs/ development delays/ SAM and providing counseling to caregivers on home based care of young children, appropriate feeding practices, ORS

& Zinc therapy and IFA supplementation. In 2023-24 till Dec.23, 1566677 children were visited, of which 2% were identified as sick and 83% of them were referred.

- **Childhood Pneumonia Management Programme: Social Awareness and Action to Neutralize Pneumonia Successfully (SAANS):** Under this programme, all doctors and Staff nurses are being trained on standard facility based management protocols for management of childhood pneumonia. . Besides, an extensive IEC campaign is carried out every year from 12th November to till the end of February
- **Other Facility level intervention:** Child Health Review (CDR) Committees have been formed at State and District level for detailed review and analysis of each under five child death and taking necessary corrective actions. Under NHM Paediatric Emergency Triage Assessment & Treatment (ETAT) units are now being established at each DHH level in the emergency or near the ward. The State has also established 4 PICUs at Medical College & Hospital level for treatment of very sick children. Besides, under ECRP-2, the State is now establishing a 12 bedded hybrid ICU (HDU+ICU) at 29 DHHs & SVPPGIP in the State for treatment of very sick children.

2.5.4 Rashtriya Bal Swasthya Karyakram (RBSK)

➤ Under this programme, 40 identified health conditions are to be addressed through '4D' approach which includes Defect at Birth, Deficiencies, Childhood Disease and Developmental Delay & Disabilities. Under this programme, 636 number of Mobile Health Teams are functional for screening of 1.07 Crore 0-18 years children. Screening of Children at AWC & Schools: During the Year 2023-24, 92.80 Lakh children have been screened by MHT out of targeted 93.34 Lakh children. After covid pandemic situation in 2020-21 & 2021-22, RBSK screening activities at AWC & Schools at rural & urban areas has been reinitiated in full phase.

Screening of New Born at Delivery Points:

- New born screening of visible birth defects continuing at Delivery Points by the service providers. During the year 2023-24, 322732 new born have been screened at delivery points and 4917 number of children have been identified with congenital birth defects.
- For early identification and timely intervention, New Born hearing screening is continuing in 30 DEICs of the State. All SNCU admitted babies and High risk new born at District Head Quarter Hospital are screened by DEIC. During the year 395 new Born have been identified with hearing defect and provided required follow up therapy by DEIC
- To prevent Retinopathy of Prematurity related blindness, regular ROP screening sessions conducted at 10 Health facilities. During 2023-24, 1972 number of sick new born are screened and 137 numbers of identified babies are provided laser therapy to prevent blindness.
- For treatment of Birth defect children, therapeutic intervention for Developmental Delay and children with impairments, DEIC is established in 32 District Head Quarter Hospitals of the State. During the year, 4917 children with birth defect are provided referral treatment and 61854 children are provided early intervention services at DEIC.



2.5.5 Rashtriya Kishor Swasthya Karyakram (RKSK): Rashtriya Kishor Swasthya karyakram (RKSK) expands the scope of preceding ARSH programme, through identification of six priority areas viz. Nutrition, Mental Health, Substance abuse, Injuries and Violence, Prevention of Non- Communicable diseases and Sexual and Reproductive Health. Capacity building of service providers in these six thematic areas is vital for effective and successful implementation of RKSK programme.

The program focuses on adolescents belongs to age groups 10-14 years and 15-19 years with universal coverage, i.e. males and females; urban and rural; in school and out of school; married and unmarried; and vulnerable and under-served.

2.6 Integrated Patient Transport & Health Helpline Services

In continuance to the expiry of previous project of EMAS introduced in 2013 (Under National Ambulance Service-a joint initiative of MoHFW, GOI & Govt. Of Odisha) , 24X7 Referral Transport Service in 2014 and 104 Health Helpline in 2015, all services such as Emergency Medical Ambulance Services (108), Boat Ambulances, 24x7 Referral Transport Services (108-Janani Express) and 104 Health Helpline have been integrated and operationalised as **Integrated Patient Transport & Health Helpline Service - IPTHHS** with effect from 10th November 2018 .

The ambulance services are accessible with a single toll free number “108” and Health Helpline with single toll free number “104”. All services are being managed through the existing centralized call center facility at 7th Floor, IDCO tower, Bhubaneswar.



A. Emergency Medical Ambulance Service (EMAS: 108 Ambulances):

The Govt. Of Odisha has initiated comprehensive pre-hospital emergency medical service with introduction of a fleet of ambulances (EMAS) in a phased manner at free of cost for the people of Odisha since 5th March, 2013.

Under 5T initiative, the State took the decisive step in Nov,2023 to induct 236 new BLS ambulances into the fleet exclusively out of State budget to meet the demands of the service with a new prospective. This time assessment was conducted with an exclusive objective of bringing the response time still further and get it reduced to 20 minutes from 30 minutes. Additionally, 92 old EMAS-108 ambulances that have crossed the prescribed life period of 5 years , got replaced by new Ambulances under IPTHHS project out of the State Budget.



As on date , the fleet size of EMAS ambulances stands now at 860 (449 BLS + 411 ALS) and that have been augmented in a phased manner. As on date , More than 58 lakh patients have been benefited by this service.

Performance status during 2023-24

Average response time of EMAS ambulances is 21 minutes (Target : 20 minutes)

- **Total 10,28,907 patients have** availed the EMAS Ambulance Services during the year 2023-24

B. Boat Ambulance Service:

To provide free transportation for the sick and injured in the remote riverine areas of four districts - Kendrapara, Kalahandi, Koraput, and Malkangiri, Government has sanctioned Six Boat Ambulances. These boats have been serving as feeder services to both the Emergency Medical Ambulance Services and Referral Transport Services (Jananai ambulances) , ensuring timely access to medical care for residents of those underserved regions.

- As of now, 6 Boat Ambulances have been operationalized in 4 districts of the state (Kendrapada: 2, Koraput: 1, Malkangiri: 2 & Kalahandi: 1) since 26th February 2019 in phases. More than 1300 patients have been availed the free transportation service by these Boat ambulances during emergency hours.

Performance status during 2023-24 (Till Jan, 2024)

- 317 patients of 4 districts have availed free transportation services by these Boat ambulances during this year.

C. Referral Transport Ambulance Service (108-Janani Express)

Under **Referral Transport Ambulance Service**, a fleet of 500 108-RTS (Janani Express) have been made operational since 14th July 2014 to provide free referral transport services to all pregnant women and sick infants (0 to 1 Yr) seeking health care services at Government Health Facilities. The 108-RTS Ambulance Services are accessible with a single toll free number “108” for the general public. More than 44 lakh beneficiaries have been benefited so far through this referral transport service system.

- Average response time of Referral transport ambulances is **27 Minutes** (Target-35 Min).
- **Total 4,34,486 cases have** availed these Referral transport Ambulance Services during the year of 2023-24.

D. 104 Health Helpline

- 104 Health Helpline was launched on 13th October 2015, for making outgoing calls for following-up with the sample beneficiaries who were registered under RCH for availing desired services in time and to verify the services provided by service providers (ANM and ASHA) by calling the high risk pregnant women on monthly basis and to those defaulters of services.

- Subsequently the incoming call facility was introduced with effect from 15th November 2019 and that has been rendering information, advice and counselling support to the people on RMNCHA+ & related health schemes that are being implemented in the State. Also, the health advices, facility related information pertaining to hospitals, Blood Bank, Pharmacies, Diagnostic services etc. are being covered under this system. Presently, the 104 Health Helpline is functioning with **22** seats. Apart from this for online medical advice and guidance MBBS Doctors are engaged by the Service Provider Agency.



- As of now, about 30 lakh calls have been received by 104 Health Helpline and about 1,69,700 calls have been received during the Year of 2023-24 (Till January 2024).
- Early Childhood Development programme is being implemented by utilizing 8 Seats (for 6 Counsellors and 2 for Medical Consultants).

Forward Plan

In accordance with government approval, the open tender process for selecting a suitable bidder to operate and manage the IPTHHS, Phase II (2024-29) is being initiated.

2.7 Community Process (ASHA)

A. Positioning of ASHA:

ASHAs are working at the community level as a part of larger health system strengthening effort. Acting as an interface between community and public health care system, ASHAs are playing pivotal role to support for health and wellbeing of the people. It is their facilitation support, commitment and dedication which have helped the health system to achieve the desired results. Notable contribution of ASHAs has resulted in the improvement of health indicators and promoting healthy life among the people. Their valuable contribution towards the improvement of health scenario of the State is acknowledged in different forums and occasions. A total of 49,243 ASHAs (rural and urban areas) are in place to facilitate and promote health care service delivery at community level.

B. Incentive Provision for ASHA:

ASHAs are paid performance-based incentive against the activities performed during a month. Incentive provisions has been made for 64 activities (14 assured activities and 50 activities under RMNCH+A, DCP, NCD and others) during 2023-24. Provision has also been made for payment of Rs. 4500/- as minimum assured incentive per month to all ASHAs of the state.



C. Welfare Schemes under ASHA Kalyan Yojana:

i) Monthly assured incentive provision: As an effort to maximize and ensure a minimum assured amount, provision has been made for a minimum assured incentive of Rs. 4500/- per month by an ASHA which includes Rs. 3500/- towards performance against set of 14 PIP approved activities and Rs.1000/- from state budget fund on conditional basis.

ii) Compensation for death and permanent disability: Provision has been made for payment of financial compensation upto Rs.2 lakhs in case death and permanent disability of a serving ASHA under ASHA Kalyan Yojana. Compensation towards death of ASHA @ Rs.2 lakhs has been paid for 114 cases during ther year 2022-23 and 125 cases by December, 2023.



iii) Exit Policy: Exit policy for ASHA is an initiative to pay respect to the ASHA who has served for the community and health system for long period of time with sincerity and commitment. As a part of financial benefit under exit policy, ASHA exiting from the health system on attainment of 62 years of age or voluntarily leaving the position after serving for a minimum tenure of 10 years as ASHA, is entitled to get lumpsum honorarium of Rs.50,000/-. A total of 100 ASHAs have been benefited under exit policy during 2022-23 and **72** cases by end of December, 2023.

iv) Maternity Benefit for ASHA: In order to have a proper care during delivery and child birth of ASHA, provision has been made to give an amount of Rs. 1000/- per month, for a period of six months i.e. from the 3rd trimester of

pregnancy to her child attaining 3 months of age. One ASHA is entitled to get the benefit up to two children. As a part of the initiative under ASHA Kalyan Jojana a total of 119 ASHAs have been benefited under maternity benefit scheme during 2022-23 and 45 ASHAs by end of December, 2023.

- v) **Enrollment under PMJJBY & PMSBY:** In order to avail the benefit of insurance coverage upto two lakhs for death and disability provision has been made to enroll all eligible ASHAs under social security schemes like Pradhan Mantri Jiban Jyoti Bima Yojana (PMJJBY) and Pradhan Mantri Surakhya Bima Yojana (PMSBY). A total of 35815 and 45975 ASHAs have been enrolled under PMJJBY & PMSBY respectively by the end December, 2023.

D. Other support provisions for ASHA:

- i) **ASHA Gruha:** 142 ASHA Gruhas are functioning in major health institutions as a help desk for ASHAs and to provide stay at institutions while they accompany pregnant women for delivery.
- ii) **Weightage to ASHAs for admission into ANM & GNM Course:** ASHA who fulfill the eligibility criteria for admission into ANM/GNM courses is given 2% extra marks for each completed year of service as ASHA, subject to a maximum of 20% additional marks. ASHA are allowed to pursue the course both in Govt. and Pvt. Nursing Institutions. A total of 12ASHAs have got the opportunity to take admission in ANM course.
- iii) **Weightage to ASHAs during selection of ANM:** For selection of ANM, additional weightage of 1% mark for each year of service for eligible ASHAs, subject to a ceiling of 15% additional marks is given in the ANM recruitment process. After completion of the course a total of 6ASHAs have been selected as ANM.
- iv) **ASHA Uniform (Saree):** ASHAs are paid an amount of Rs. 1000/- every year towards provision of uniform.
- v) **CUG SIM Card:** ASHAs have been provided free CUG SIM Card for better connectivity and sharing of information.
- vi) **Mobile allowance:** Provision has been made to provide mobile phone allowance @ Rs. 250/- per month to increase the use of smart phones by ASHA, improve prompt reporting and thereby facilitate their work performance.
- vii) **Travel allowance:**ASHAs are paid travel allowance @ Rs. 100/- per month in order to meet her travel expenses which she spends for visiting to health facilities and other places for various purposes.
- viii) **Diary and ID card:** Diary is being provided to all ASHAs on annual basis to record their daily activity performance. Similarly, Identity Card is provided to all ASHAs as a proof of their identity.
- ix) **Drug Kit:** ASHAs have been provided Drug Kit (with items like Paracetamol, ORS, Zinc, drugs for malaria and contraceptives) and Home-Based Newborn Care Kit (with equipment like weighing scale, digital thermometer and digital watch) in order to provide basic health care services at community level.

- E. **Certification Programme for ASHA:** ASHA certification programme is being implemented in the state in collaboration with National Institute of Open Schooling (NIOS). The programme is intended to enhance the competency and professional credibility of ASHAs and allow them to use a set of drugs. Each ASHA who completes the certification course successfully gets an amount of Rs.5000/-. A total of 5472ASHAs have been enrolled under certification course by December, 2023.



F. Reward & recognition to ASHA: To acknowledge and appreciate the contribution of ASHAs in providing health service delivery at community level and to sustain their motivation to perform better, **ASHA convention** is organized every year in all districts of the state. The district level convention has created a platform for facilitating peer learning process and experience sharing among ASHAs and also to share and learn from each other's experience of activity implementation. On the occasion of convention, 1032 ASHAs awarded at block and district level for their better performance at community level during 2022-23.

The state is committed to provide all support to ASHAs and thereby monitoring their contribution to improve the health condition of the state.

Gaon Kalyan Samiti (GKS)

Village Health Sanitation and Nutrition Committee (VHSNC) is known as Gaon Kalyan Samiti (GKS) in the State of Odisha is a National Health Mission (NHM) initiative. It is a revenue village level institution involving the community members and acts as a simple and effective management structure to facilitate for improvement of health, nutrition and sanitation situation of the village. At present 46064 GKS are functional in the State.

Community level initiatives using Untied fund:

Annual untied fund of Rs.10,000/- is being placed to each GKS in order to undertake various need based activities for addressing issues related to health and other social determinants of health. Each GKS prepares need based Village Health Plan in a consultative manner at the community level incorporating the local issues and concerns of the villages and hamlets which becomes the basis of untied fund expenditure. Many exemplary activities are conducted by GKS using their annual untied fund during the year 2022-23.



VISHWAS initiatives

VISHWAS is an 11 monthly initiative implemented across the State to promote health, water, sanitation and nutritional improvement activities involving the local community through demonstration, rally, sensitization meeting, awareness generation, mass cleanliness drive, wall painting of the messages and award provision etc. at the village level. All the activities of VISHWAS are being implemented under the overall guidance of GKS at the community level. Near about 45000 GKS have involved in the implementation of VISHWAS programme at the community level.



Capacity building training of GKS members on SC AAM, JAS & CPHC service provisions

In order to develop better understanding of the local community on the CPHC service provision, accelerate community participation for accessing quality health care services at the SC AAM level, 115795 GKS members are trained out of 184256 under the Capacity building training of GKS members on SC AAM, JAS & CPHC service provision by December, 2023. This has enhanced the community level understanding on SC AAM, JAS and CPHC services.

Management of Malaria, Dengue & Diarrhoea activities

For prevention & management of Malaria, Dengue & Diarrhoea cases at the community level, GKS came forward with the support of GP, SCHWC-JAS and undertake sensitization meeting & mass cleanliness drive to create awareness among the community to use mosquito net, maintain proper sanitation & hygiene for management & prevention of Malaria, Dengue & Diarrhoea. GKS also actively involved in the process of LLIN distribution at the village level.

Efforts to address major social issues / stigma at community level

To eradicate traditional believe & practice pattern of the community people like Chenka, early girl child marriage, female infanticide & other social stigmas related to Health & social determinants of health, rallies & sensitization meeting have been organized to create awareness among the community with the ownership of GKS at the village level.

Promoting Health & Hygiene among people

Most of the GKS in various part of Odisha have undertaken various need based activities for maintaining better health & hygiene in the village through set up Dustbin & organize mass cleanliness drive with active involvement of the local community to maintain healthy life. Near about 42500 GKS are actively involved in the Mass cleanliness drive at the village level.



Awareness generation through Swasthya Kantha

Swasthya Kantha, Interactive health bulletin board is maintained and managed by GKS for sharing of health-related information with the community. As GKS is a revenue village level institution and majority of the community people are suffering in various diseases due to lack of awareness, ignorance & illiteracy. GKS has creates a scope for wide publicity of health-related service delivery system at the community level through writing of messages in Swasthya Kantha of GKS. Near about 46000 Swathya Kantha are in existence and use in prominent places of the village by GKS.



Wall painting of important messages

GKS has creates a scope for wide publicity of health related service delivery system at the community level through wall painting of messages. GKS have undertaken various wall paintings related to health, sanitation, nutrition & others for creating awareness among the local community throughout the state.

Sustha Gaon Puraskar to best performing GKS:

Sustha Gaon & Sustha Panchayat Puraskar have been given to the GKS and GP for achieving the indicators related to health, sanitation, nutrition & others at the village & GP level. During the year 2023, total 314 numbers of GKS have been awarded with Sustha Gaon Puraskar for their outstanding performance.

2.9 NGO Collaboration Projects

Initiative has been taken to undertake partnership arrangement in meeting growing needs for healthcare services. The needs for partnership in healthcare enhance accessibility and adopt alternative model for enriching the quality of healthcare. Followings are the partnership projects operation in the State:

A. PHC(N) Management Project:

Government has contracted out some selective PHC(N)s located in remote and inaccessible areas for operation & management by NGOs/Trust in PPP mode with an aim to improve the quality of primary health care services as per the terms and conditions laid down in the Services Level Agreement (MoU). The contracting out of Primary Health Centers (New) to the NGOs has commence in the State of Odisha from the year 2005 and at present 38 PHC(N)s in 16 Districts are being managed in PPP mode in partnership with the NGOs/Trust selected through open tender process.

All 38 PHC (N)s managed in PPP mode are functional Health & Wellness Centers (HWC) and there is remarkable improvement in service level key health indicators like OPD, Institutional delivery, Laboratory test, formation and operation of Jan Arogya Samiti. Indicator wise performance of PHC(N) Management projects in last three years is given below.



Key service level indicator wise performance (Source: HMIS)			
Service level indicators	2021-22	2022-23	2023-24
Gen OPD (Avg./day)	45	51	53
AYUSH OPD (Avg./day)	20	24	25
Inst Delivery (Avg./ month)	12	12	12
Diagnostic (Avg./day)	27	34	39

To ensure quality certification, 7 PHC(N)s i.e Gaudagotha, Manitara & Pandiripada in Ganjam District, PHC(N) Gudgudia in Mayurbhanj District and Sirimula in Dhenkanal District, Tangargaon PHC(N) in Sundargarh District and Baijhal in Gajapati District has qualified NQAS Certification by Govt. of India in last two years. In the year 2022, total 25 PHC(N)s were qualified for Kayakalp Award.

As a part of innovation, Family Participatory Care & Kangaroo Mother Care (FPC-KMC) has been set up in 18 PHC (N)s located in remote areas with an aim to address neo-natal deaths due to LBW. A total of 2043 babies till December 2023 were monitored in these PHC(N)s. of those, 99% are low birth weight (below 2500 gms) and 1% are just above 2500 gms. Due to this intervention, significant increase in weight amongst LBW babies was noticed. The average weight of the babies was found 2140 during birth which found to be increasing to 2822 grams by the end of 6 weeks with an average weight gain of 682 grams.



B. Maa Gruha (Maternity Waiting Home) Project:

It is a temporary home for expectant mothers where they can wait for safe delivery preferably 7 to 10 days before their expected date of delivery (EDD). On onset of labor, they are to be shifted to nearby health facility having

Performance level indicators:MAA Gruha			
Service level indicators	2021-22	2022-23	2023-24 (Nov'23)
Avg. case load per month/project	26	27	25
% of Institutional Delivery Vs. Admission	93%	94%	96%
Avg. days stay at Maa Gruha by PWs	8	8	8
% of PWs admitted from the tagged villages	94%	97%	93%

at least BeMOC facilities for delivery. The concept of 'Maa Gruha' project evolved with operation of first project the State in 2009 in Kalimela Block of Malkangiri District.

At present 93 Maa Gruha projects were operational in 17 Districts. Total 1,94,455 pregnant women have admitted in the Maa Gruha, out of which 27,964 PWs have been admitted in 2023-24 and in average 98% PWs gone for institutional delivery to the nearest BeMOC facilities for delivery. Out of the total admission, 94% admitted PWs are from the tagged villages. Indicator wise performance of the project in last three years is given below.

C. Arogya Plus (MHU in PPP mode): Arogya Plus is a strategically intervention for delivery of public health services at the door step of the marginalized sections of the society residing inaccessible and difficult areas in partnership with the NGOs. Total 22 Arogya plus projects in 9 Districts are operational. The project is being operationalised out of the State budget. During the period from Apr' 2023 to Dec'2023, total 8590 tagged villages have been covered, where 3,40,229 cases were screened by the team. During screening 1847 Malaria positive cases were diagnosed & given treatment, out of 633 suspected cataract cases, 184 cases referred for cataract operation, 810 cases mobilized for male & female Sterilization, 1344 cases facilitated for early ANC registration, 315 immunization sessions were conducted in the service area and 3396 health education sessions were conducted at the village and School level by the Arogya Plus team.

**D. Urban PHC Management Project:**

There are 32 Urban PHCs are being managed by the NGOs in 18 Urban locations in the State in PPP mode. Along with operation and management of Urban PHC, the partner NGOs are also responsible for implementation & monitoring of the out-reach activities like UHND, Routine Immunisation, functioning of Ward Kalyan Samiti, community process activities, campaigns etc. in the urban areas. Out of 32 UPHCs managed in PPP mode, 15 UPHCs have received NQAS Certification till date.

E. Urban MHU in PPP mode:

To provide mobile healthcare services to the vulnerable population living in slums in the urban areas, 9 Urban MHUs are operational in 7 Urban locations in PPP mode.

F. PM JANMAN (Pradhan Mantri Janjati Nyaya Maha Abhiyan):

In order to improve the socio-economic conditions by saturating Particularly Vulnerable Tribal Groups (PVTG) families and habitations with basic facilities including healthcare services, the programme is being implemented in 43 PVTG Blocks of 14 Districts with an estimated PVTG population of 2.96 lakhs. Under the programme there are two interventions i.e operation of dedicated Mobile Health Unit in the area for regular health check up of PVTG population and provision of one ANM for Multi-Purpose Centres (MPC) to be setup in the selected PVTG habitations. Presently, total 121 MHUs are operational in 14 PVTG Districts, out of which 42 MHUs are operational in 43 PVTG Blocks.



2.10 Mainstreaming of AYUSH

Contractual Ayush Doctor have been sanctioned in 314 CHC and 1162 PHC(N). Unani Stream is available in 3 DHH, CHC and PHC.

Services rendered by Ayush Doctors Ayush Medical officer are rendering Clinical & Public Health Services to the community in PHC/CHC /HWCs. They also play managerial role in certain PHC where allopathic doctor position is vacant. During the 2nd & 3rd phase COVID-19 Pandemic their services are commended.

2.11 Hospital Development activities

Quality Assurance

Numbers of steps are being taken for improvement of overall quality of health care services in Public health facilities for certification under National Quality Assurance Standards (NQAS), LaQshya Certification for quality of care at Labour Room, Maternity OT and MusQan Certification for Paediatric OPD, Paediatric Ward, SNCU, NRC. NQAS is being implemented covering SC HWC to DHH across the state. In addition, efforts were made to promote and sustain Swachhata in public health facilities through Annual Kayakalpa Award for all categories of public health facilities and effective implementation of Nirmal– Strengthening of Ancillary services in Public health Facilities to ensure cleanliness of all public health facilities. Further under the Swachha Pakhawada campaign cleanliness drive was undertaken with active involvement of local public and different organizations. To prioritize and create awareness among the Community and healthcare staff Patient Safety Week was celebrated across the state. Under NIDAN Programme Free Diagnostic Services are provided in all health facilities. Govt of Odisha mandated no of test to be conducted at different level both in-house and outsourced model. Again Govt of Odisha had taken initiatives for transformation of 149 nos of Hospital as “Ama hospital” for over all development and transformation of infrastructure, patient’s amenities, improvement in HR & service delivery and q1uality certification.



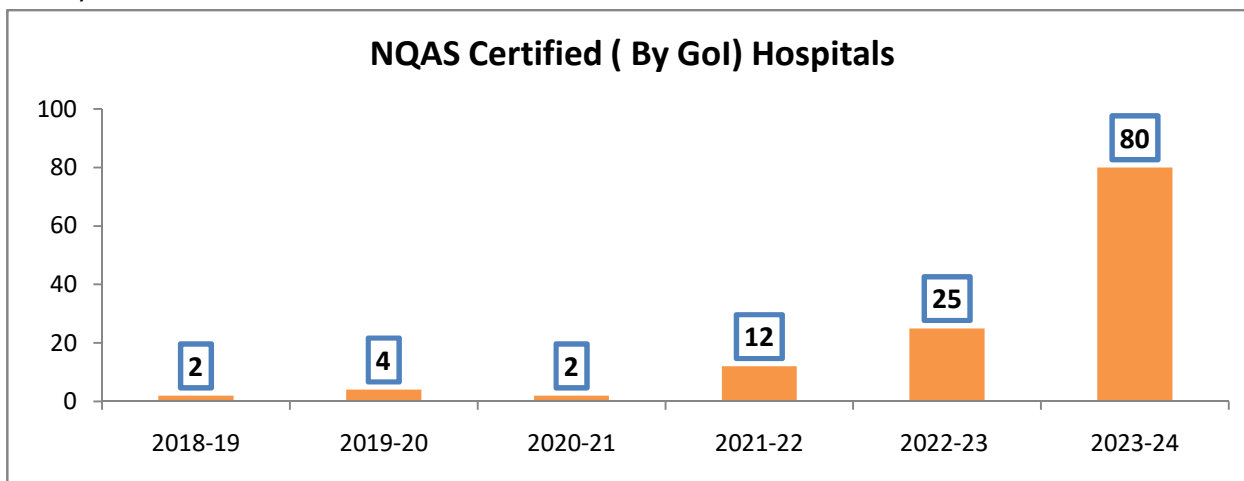
National Quality Assurance Standard:

- **NQAS Certification:** Till the Year 2023-24, 4 DHHs, 4 CHCs, 27 UPHCs, 29 PHCs and 60 SH HWC are National NQAS Certified and 92 SC HWC were state NQAS certified.

- Continuous Efforts are being made for certification of more number of hospitals. This year also special drive initiated for NQAS certification of more nos of HWC-Sub centers for ensuring quality Health services at grass Root level.

Laqshya: State has implemented National Quality Improvement Program for Intra-partum and immediate post partum care delivered in Labour Room and Maternity OT.

- 19 DHH, 1 MCH, 4 SDHs and 2 CHCs are LaQshya National certified and two DHH & one SDHs are State LaQshya certified.



Kayakalp Award to Public Health facilities: To promote cleanliness, hygiene promotion and Infection Control Practices in public Health Care Facilities and to create sustainable practices Kayakalp Award was given to best performing Public Health facilities

In the year 2022-23, all the DHH, SDH/CHC, PHC & UPHC were taken up for the Kayakalp award programme. **Total 26 DHH, 23 SDH, 201 CHC, 657 PHC, 96 UPHC and 1410 HWC-SC (Total 2413 hospitals) qualified for the Kayakalp award.**

2.12 National Urban Health Mission (NUHM)

1. Coverage

National Urban Health Mission (NUHM) was launched in the State on 23rd February 2014. Presently it covers 50 ULB Cities/towns, out of the total 115 Urban Local Body (ULB) in the state to provide healthcare services to the general public in urban areas with focus on the vulnerable poor and urban slum population.

2. Urban PHC-Health & Wellness Centre

At present, 115 Urban PHCs have been converted to Health & Wellness Centres to provide 12 mandated services, Yoga, Nutrition, Geriatric care etc. In addition to this NCD Park/ Open Gym facilities are available in 42 urban health facilities.

3. Major Services

The urban health facilities provide Outpatient services, Specialist services, Immunization and other outreach services. Family Planning Corner, Drug Distribution Centre (DDC), Designated Microscopy Centre (DMC) and Diagnostic Services have been provisioned in all the facilities. Nine (9) Urban Mobile Health Unit (UMHU) are operational to provide outreach services at the doorsteps of vulnerable/ floating/ slum population. At the community level, Urban Health & Nutrition Days are observed to provide Quality Ante Natal Care, Post Natal

counseling and growth monitoring of children. Immunization sessions are being conducted in the outreach pockets for vaccinations of the children. NCD camps are being organized in the non slum locations. Pradhanmantri Surakshit Matritva Abhiyan (PMSMA) days are being observed in all urban health facilities regularly.

OPD Status (Year wise)

Year	Total OPD Services at UPHCs
2018-19	3102015
2019-20	4232921
2020-21	3018521
2021-22	3713066
2022-23	4876627
2023-24	5426116

Ama Clinic : The Specialist Clinics, an innovation of Govt. of Odisha is being implemented since December 2017 in all urban health facilities. At present, 115 Urban PHCs and 7 Urban CHCs provides 12 types of specialist services (Pediatrics, O&G, Medicine, Psychiatric, ENT, Skin & VD, Ophthalmology, Surgery, Orthopaedic, Dental, Nutrition, Physiotherapy), as per the availability of the Specialists in the locality. Since December 2017, in total 42,64,519 patients have been provided the specialist services under AMA clinic. The status as given below:

Year	Patient treated
2017-18	89343
2018-19	507733
2019-20	777509
2020-21	412861
2021-22	592726
2022-23	988580
2023-24	1214645



Quality Certification

27 Nos. of Urban PHCs have received National Quality Certification from Govt. of India under National Quality Assurance Standard (NQAS). During the year 2022-23, 96 Urban PHCs and 6 Urban CHCs have received Kayakalp awards, 106 urban PHCs and 7 UCHCs have received ISO certification.

Kayakalp Award						
	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
UPHC	14	42	66	80	73	96
UPHC	0	0	0	1	3	6
Total	14	42	66	81	76	102

4. Community process:

2112 urban ASHA are in position in the slums of NUHM cities/towns. 3407 Mahila Arogya Samiti (MAS) have been formed and Annual Untied Grant of Rs.5000/- is provided to MAS for awareness generation, cleanliness drive, observance of important days etc. MAS have been playing very important role in the slums to increase institutional delivery, immunization coverage, slum cleanliness, vulnerability mapping etc. They are maintaining an integrated register for reporting, accounts maintenance, recording of meeting. MAS Calendar is provided to all MAS



members. Since 2018-19, performance monitoring of MAS being conducted through the process of Grading process to select best performing MAS at UPHC/ City level. 1147 Ward Kalyan Samiti have been formed at the ward level under NUHM Cities/towns.

7 UHCs & 115 UPHCs Rogi Kalyan Samiti/Jan Arogya Samiti have been formed in all urban health institutions. Since 2017, in total 3,20,788 sessions of UHSND have been observed at the community and 768 Special Outreach camps have been organised in slums to provide curative and preventive care. Health screening camps are organized twice in a year for the Sanitary workers in NUHM cities/towns.

Year	UHND Sessions			Special Outreach Camps		
	Annual Target	Achievement	% of Ach.	Annual Target	Achievement	% of Ach.
2018-19	34328	33568	97.8	96	69	71.9
2019-20	35981	35420	98.4	96	71	74.0
2020-21	35549	33169	93.3	96	80	83.3
2021-22	49536	38099	77	132	96	72.7
2022-23	51552	46566	90	84	74	88.1
2023-24	52608	50063	95.2	60	43	71.7

5. Training:

Training modules have been developed for the training of Medical Officer, Pharmacist, ANM, Staff Nurse, ULB representative, PMU staff, MAS members, WKS member and RKS members. Training programs have been conducted for the Members of WKS, MAS, ASHA, Medical officer, ANM and other clinical staff, Program Management staff. Compendium of Program and financial guidelines under NUHM published. IEC folders have been printed and distributed to different stakeholders.

6. Finance :

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Total Approval (in lakhs)	2906.20	4092.86	5286.48	5017.23	5211.87	6469.63	8768.05	8597.43
Expenditure (in lakhs)	3522.96	5619.38	5350.21	5356.42	4384.19	5857.90	7924.87	7719.91

7. Urban Health & Wellness Centre and Poly clinic

Under XV-FC grant, 122 Urban Health & Wellness Centres (UHWC) and 14 UPHC- Poly Clinic have been operational by December 2023. The UHWC are established below the UPHC level or at the small town having the population of >15000 to provide primary health care services as well as wellness services.

2.13. Training under NHM

- During FY: 2023-24, total 237 MBBS doctors are trained in 10 days BEmOC training at MCH. Till date 1835, BEmOC trained doctors are providing BEmOC services at institution level.
- During FY: 2023-24, total 1137 SNs, ANMs & LHVs are trained in 21 days SAB training. Till date 15446 SNs, ANMs & LHVs are providing services 24x7 at FRUs, CHCs and Ayushman Arogya Mandir.
- Total 03 MBBS doctors are trained in 24 weeks LSAS training during FY: 2023-24. Till date 178 MBBS doctors are trained in LSAS and 53 MBBS doctors are trained in EmOCNC/CS training and providing CS services at FRUs
- Total 13 MBBS doctors and 08 LTs are trained in BSU management training during FY: 2023-24. 364 MBBS doctors and 261 LTs are trained in BSU management training and providing service at BSU of FRUs.
- During FY: 2023-24, total 23 O&G specialist are trained in USG at SCB MCH, Cuttack. Till date 110 O&G specialist

are trained in USG to provide required service on PMSMA day.

- During FY: 2023-24, total 147 MBBS and SNs are trained in FIMNCI training. Till date 1994 MBBS and SN are trained in FIMNCI training and providing 24x7 services at SNCU.
- During FY:2023-24, total 21 doctors and 18 SNS are trained in 3 months ICU care training at SCB MCH, Cuttack. Till date 94 doctors and 136 SNs & Pharmacist are trained in 3 months ICU care training at SCB MCH, Cuttack and AIIMS, BBSR.
- As of FY: 2023-24, total 1548 MBBS & 994 AYUSH doctors are trained on HWC & NCD training to functionalise designated Ayushman Arogya Mandir.
- During FY: 2023-24, total 195 MBBS doctors are trained in EPS training. Till date 1169 MBBS & 942 AYUSH doctors are trained on EPS training under Ayushman Arogya Mandir.
- As of FY: 2023-24, total 4037 CHOs have been trained in 'Expanded Package of Services (EPS)' under Ayushman Arogya Mandir.
- As of FY: 2023-24, total 4058 CHOs have been trained in Induction, ERI & JAS under Ayushman Arogya Mandir.
- As of FY: 2023-24, total 12656 HW (M&F) have been trained on EPS to conduct Population based Screening at Community level under AB-HWC programme.

As of FY: 2023-24, total 139 MBBS & AYUSH MO & 124 SNs of Urban PHC-HWC have been trained to provide 12 package of services under Urban HWC.

2.14e-Swasthya Activities

- **Odisha e-Hospital Management Information System (OeHMIS)** has been implemented in all 32 DHHs, SCB MCH, AHRCC and SISHUBHAWAN. The Portal is also integrated with MoSarkar Platform where the Patient demographic data along with phone nos are shared. (eswasthya.odisha.gov.in)
- **E-Niramaya :Real time monitoring of all aspects of the scheme, to avoid dislocation in indenting, procurement, Quality assurance, payment & distribution:**
- **RCH Portal/ANMOL:** To monitor the provisioning of Maternal and Child care services RCH portal has been implemented in all districts since 2016. ANMs trained in ANMOL are updating the services in the application using tablets provided to them by the State.
- **NCD App :**NCD (Non Communicable Disease) App application is also loaded in the tablet/mobile for recording the enrollment and screening of population details by ANMs.
- **Health Management Information System (HMIS):** A web based system for capturing facility Service delivery data on monthly basis is being done in newly introduced IHIP portal. Data is being captured from across 8527 Public institutions (MCH upto SCs level) and more than 500 Private health facilities.
- **Automation of DC Administration-** a web based system for management of retail, whole seller and manufacturer licenses through online along with enforcement process automation. (www.dcodishaonline.nic.in)
- **Odisha HRH (<https://www.odishahrh.nic.in>)**
Odisha HRH integrates the profile information of all Health Service Providers of H & FW Department, including staffs of Odisha Health & Family Welfare Society (OSH&FWS). It classifies category wise health service providers available in Odisha
- **GKS Monitoring System-** . In order to track the physical and financial activities of each GKS, this online system has been developed to capture the information at a periodic interval. (<http://gks.nhmodisha.in>)
- **e-Blood Bank- (<https://ebloodbankodisha.nic.in>)-**

e-Blood Bank is an integrated blood bank automation system, which inter connects all the Blood Banks of the State into a single network. It provides online status of blood group wise availability of blood units in all the licensed blood banks in the state. The system manages all the activities from blood collection both from camps & hospitals till the issue of blood units. It includes donor screening, blood collection, mandatory testing, storage and issue of blood units.

- **e-ASHA** (<http://nhmodisha.in/asha>)

e-ASHA is a web based system to manage the ASHA Profile, Training, Provisioning, ASHA Kalyan Yojana, ASHA Empowerment, ASHA Success Stories. It also manages the Activity wise claim and payment of each ASHA.

- **108 Ambulance Monitoring System- (<http://ipthhs.nhmodisha.in/108-Service>)**
This system integrates the data from the Emergency Data Solution (EDS) of 108 Call Centre and GPS of Ambulances and generates various MIS reports for billing and other performance monitoring.
- **NGO Application System (<http://nhmodisha.in/ngo>):** This Application facilitates registration, application for projects, scrutiny at different level, selection and award of contract for NGOs interested to work with H & FW Departments.
- **UWIN (Universal Immunization-WIN):** Application used by ANMs for updating immunization details of pregnant women and children. Extended version of CoWIN.

2.15. Other key Initiatives:

- **Nidaan Scheme:** Free Diagnostic Services at identified Public Health Facilities both through own system and PPP mode implemented. More than 4.7cr. tests done during Apr-Dec, 2023.
- **Sahay Scheme:** Free dialysis services provided to all patients at 58 identified Public Health Facilities both through own system and PPP mode. **2.59 Lakhs got Free Dialysis sessions from April'23 to March, 24.**
- **SAMMPurNA Scheme:** Under NHM, besides Emergency Medical Ambulance Service (108/102), provision has been made for reimbursement of transportation cost @ Rs. 1,000/- per pregnant woman for institutional delivery in 7853 notified difficult villages targeting to benefit more than 60,000 pregnant women.
- **Cancer Care-cum-Chemo Units at DHH:** Cancer Chemotherapy is being started with 6-bedded Day Care Chemotherapy units in order to ensure cancer care services at 30 District Headquarter Hospitals including Cancer Chemotherapy and Palliative Care.
- **Sunetra:** Vision centres equipped with appropriate eye-care facilities and trained manpower established across the State in govt. facilities.
- **Nikshay:** More than 53516 Tuberculosis Patients received Cash incentive under Nikshay Poshan Yojana through DBT during 2023.
- **Ama Clinic:** Annually more than 12 lakhs slum populations are getting range of specialist healthcare services at doorstep through Ama Clinic – Specialist Services in Urban PHCs/CHCs.
- **Khusi:** Scheme for providing free sanitary napkins to school girls from Class 6 to 12 in all the government and government-aided schools in the state.

CHAPTER 3

Directorate of Health Services

In three-tier system of administration (I. Administrative Deptt, II. Heads of Deptt. & III. District Offices and Subordinate Offices there to), Heads of Deptt. plays a key role between the Administrative Deptt. of Govt. and District Offices and Subordinate Offices thereto. Director of Health Services, Orissa being the Heads of Deptt. under the administrative control of Health & F.W. Deptt of Government of Orissa occupies a distinct position with following major activities.

Major Activities :**1. Human Resource in Health & Research**

Various steps have been taken up for augmentation of Human Resources in Odisha which includes not only creation of new posts or increasing seats in medical colleges, but also appointment/engagement of regular / contractual doctors and measures for retaining them as well.

Recruitment of Medical Officers

- Recruitment of Medical Officers is being done on regular basis through Odisha Public Service Commission (OPSC). 2290 Nos. of posts of Assistant Surgeons have been filled up vide Govt. Notification No.32016/H dt. 27.12.2023.
- 44 Nos. of post of Dental Surgeon have been filled vide Govt. Notification No.32008/H dt. 27.12.2023.
- 5000 numbers of posts of Medical Officers (Class-I Jr) has been newly created vide Govt. letter No.17236/H dt. 10.07.2023 thereby raising the entry level posts from 10774 to 15774.
- Engagement of contractual doctors through walk-in-interview is being done every month on regular basis both at district and state level for selection and posting of MBBS and Specialist doctors.

Reforms undertaken to attract and retain doctors:

- Restructuring of Odisha Medical & Health Services Cadre (OMHS) has been done vide Govt. Resolution No. 2630/H dt. 01.02.2024 for giving more scope for promotion.
- Place based incentives (PBI) is given to the Medical Officers working in different difficult / remote areas in the state as per vulnerability status of the places taking into consideration certain key parameters such as difficult and backwardness of the location, tribal dominance, left wing extremism, train communication, road and transport facilities, social infrastructure and distance from state head quarter etc. All the 1751 peripheral Government Health Institutions of the State have been classified into five different categories and declared as V-0 to V-4. This incentive is applicable to contractual, ad-hoc and regular doctors. For example General (MBBS) doctors working in V4 CHCs and PHCs get Rs 40,000/- as incentive whereas a specialist working in V4 CHC gets Rs 80000/- as incentive. In the state there are 100 health institutions which are categorized as V-4 and 137 health institutions categorized as V-3.

- Doctors working in V1 to V4 institutions are entitled for additional mark in PG entrance examination. As a result, young doctors are interested to join remote and inaccessible areas to get additional marks for selection for PG courses.
- Incentives for Specialists have been provisioned for motivating Specialist doctors of Odisha Medical & Health Services (OMHS) cadre.
 - Incentive for Doctors with Super Specialization: Rs.30,000/-
 - Incentive for Doctors with Post-graduation: Rs.20,000/-
 - Incentive for Doctors with Post- graduate Diploma: Rs.10,000 /-
- To create more specialist doctors in the state, MoU has been signed with the College of Physicians and Surgeons of Mumbai(CPS) for starting Post Graduate Diploma courses in the state since 2019. So far 119 enrollments have been done in 4 different batches out of which 70 candidates have successfully completed the course and 56 have already been posted in different CHCs and DHHs against the vacant specialist positions. With the help of the Counseling and Admission committee Directorate of Health Services has been continuously bringing reformatations and modifications in order to increase enrollment and improve academic quality.
- Bond has been introduced for the doctors who are doing post-graduation. After completion of post-graduation, they need to serve for two years under state govt.
- Corpus fund has been created in KBK and KBK plus districts for optimal utilization of human resources in inaccessible areas of these districts. This fund is being utilized for filling up the gaps in the districts for human resources. Doctors and Specialists are engaged on negotiable remuneration under this scheme.
- Doctors and Specialists are also engaged under District Mineral Foundation (DMF) Fund with negotiable remuneration.
- The remuneration of contractual doctors have been enhanced to 55,000/- for MBBS doctors and 60,000/- for Specialists with a hike of 3 % in every year on satisfactory completion of one year of contractual service w.e.f. 01.07.2018.
- Study leave period of Medical Officers has been increased from 3 Years to 6 Years and the said period will count towards their promotion under DACP.

Recruitment & career path for various posts.

- Regular monitoring for filling up of vacancies of paramedics at district level.
- About 1000 doctors have been promoted under DACP scheme.
- Under the Vision 2020 of National Programme for Control of Blindness (NPCB) the training courses for Ophthalmic Asst has been resumed.
- A comprehensive cadre rule of Ophthalmic Asst is prepared and submitted to government for approval.

Pharmacy Officer:

- In 2023 Government have restructured the Pharmacist Cadre wherein the total cadre strength has been enhanced from **4072 to 5009**. The base level post, Pharmacist has been re-designated as Pharmacy Officer, while the 1st level, 2nd level, 3rd level & 4th level of promotional hierarchy have been Senior Pharmacy Officer Level-II, Senior Pharmacy Officer Level-I, Chief Pharmacy Officer & Assistant Director respectively.

- On the basis of restructured cadre, the vacant post of Pharmacy Officer (base level post), the requisition for 206 posts of Pharmacy officer has been made to OSSSC for recruitment.
- Steps are being taken for promotion of Pharmacy Officer to the post of Sr. Pharmacy Officer Level-II.
- In order to overcome the difficulties experienced in absence of doctors for various reason in the single doctor hospitals which are managed by Pharmacy Officer, Govt. have allowed the Pharmacy Officers to dispense some drugs for ailments for treatment of the patient.

Radiographer:

- In 2023, Government have restructured the Radiographer Cadre wherein the total cadre strength has been enhanced from **721 to 1160**. 1st level, 2nd level, 3rd level & 4th level of promotional hierarchy have been created newly as Senior Radiographer Level-II, Senior Radiographer Level-I, Radiation Safety Officer & Assistant Director respectively.
- Government have enhanced the Risk Allowance to the Radiographers from maximum Rs. 150/- P.M. to Rs. 1200/- P.M. in 2023.
- On the basis of restructured cadre, requisition to fill up the vacant post of Radiographer will be made to OSSSC for recruitment of base level vacant post.
- Steps are also being taken for promotion of Radiographer.

Medical Laboratory Technician :

- In 2023 Government have restructured the Laboratory Technician Cadre wherein the total cadre strength has been enhanced from **2341 to 2581**. The base level post of Laboratory Technician has been re-designated as Medical Laboratory Technician, 1st level, 2nd level, 3rd level & 4th level of promotional hierarchy have been newly created & designated as Technical Officer (MLT) Level-II, Technical Officer (MLT) Level-I, Chief Technical Officer (MLT) & Assistant Director respectively.

Steps are being taken for promotion of Medical Laboratory Technician to the post of Technical Officer (MLT) Level-II.

Research:

Research & Ethical Committee has been constituted to examine different Research proposal and to encourage various professional, individuals to submit research proposal for benefit of the State. **In April-2023 to December-2023** a total of 47 no of proposals were received out of which 34 proposals were approved by Research & Ethical Committee.

2. State Drug Management Unit (SDMU)

The State Drug Management Unit (SDMU) was managing pooled procurement of drugs and medical consumables to ensure the rational use of drugs in all Govt. health facilities of the State.

But at present, Odisha State Medical Corporation Limited (OSMCL), Bhubaneswar has taken over the activities of SDMU relating to procurement, distribution and quality control of drugs.

Activities:

The SDMU(O) is carrying out the following activities:

- Compilation & rationalization of requirements for instruments, equipments & furniture (EIF) from the districts and medical colleges.

- The requirements of EIF for 2022-23 have been compiled & rationalized at SDMU and finalized by the State Level Equipment Management Committee (SEMC) on 06.03.2023 & 31.05.2023 for procurement by OSMCL.
 - Compilation & rationalization of Drugs, Medical Consumables, Surgical & Sutures.
 - The annual indents of Drugs, Medical Consumables, Surgical & Sutures for 2024-25 compiled by OSMCL have been analysed & rationalized by SDMU and finalized by State Drug Management Committee (SDMC)(on 31.01.2024) for procurement by OSMCL.
 - Essential Drug List (7th revised edition): The revised edition of Essential Drug List.(496 molecules & 750 dosage forms)(7th Edition) has already been published & distributed among all concerned. The EDL (8th revised edition) is finalised by STAC on 27.09.2023. The EDL 8th Edition is under process of editing at D.C (O) & will be approved very soon by Govt.
 - Standard Treatment Guidelines (STG-2018) (the 2nd edition): Treatment protocol of the most common diseases to be followed by doctors have been published & distributed among all prescribing doctors of the State. The 3rd edition will be prepared once EDL 8th edition is approved by Govt.
 - Prescription Audit: In order to investigate the drug-use & to avoid irrational use of drugs in the health facilities, the prescription audit is being done at peripheral health institutions. These reports are submitted time to time to Govt. The Indenting Officers are being requested again & again to submit Prescription Audit & patient beneficiary report in formats.
 - Legal complications: Legal complications arising out of Not of Standard Quality (NSQ) related drugs or firm disclaiming to comply to tender terms & conditions or vigilance matters or Human rights issues or any other mater related to the functioning of SDMU prior to the functioning of OSMCL are being dealt by SDMU.
 - RTI Matters: Reports are being compiled related to RTI applications.
 - Audit queries/ paras: Steps are being taken by SDMU relating to compliance of A.G. Audit queries / para/ IAR.
 - Assembly/ Parliament questions: Replies to Assembly/ Parliament questions related to SDMU are prepared at SDMU level.
3. **Odisha e-Hospital Management Information System (OeHMIS):**

The goal is to streamline patient treatment flow while also empowering the workforce to perform to their full potential in an optimized and efficient manner. OeHMIS customizes the process of collecting clinical data based on each department, laboratory, and so on, reducing the workload on doctors and other medical staff by allowing for fast and reliable information storage, querying, retrieval, and access to aid in the management of resources, costs, and margins. Odisha Government has decided to replicate OeHMIS in all health facilities in the state and has entered into a 5-year service agreement with CDAC to do so effectively.

Odisha Govt. has already approved the EFC for 5 years for smooth execution of the project.

Odisha Govt. has already issued the letter through OCAC to M/s Stock Holding for providing the Informatic Assistant & Supervisors as per the approved EFC to all DHHs. & 4 premier institutes SCBMCH, AHPGIC, VPPGIP, Cuttack & Capital Hospital Bhubaneswar, and MCKCG, Berhampur, SLNMCH, Koraput, VIMSAR, Burla on first phase.

Further, proposal for approval of EFC for another 5 years has already been submitted. Besides, I.T. instruments and equipments alongwith LAN connection to 4 premier institutions and all DHH have already been provided.

4. Planning & Infrastructure Development:

Planning & Infrastructure Development functions has been the focus area of the Combined Health Directorate, Odisha to provide Health Infrastructure to the State and also to maintain, upgrade the existing one. During the current financial year 2023-2024 the State Govt. have approved under the Action Plan 2023-2024 funds to a tune of 2925 crore for development of 1817 different Health Infrastructure of Director of Health Services, Odisha.

Achievements:

- On priority basis Administrative Approval have been given for construction of 718 accommodations for different health service providers.
- As per the earlier targeted New Buildings 06 District Head Quarter Hospitals i.e. Subarnapur, Bhadrak, Deogarh, Koraput & Bhadrak are ready for operation.
- A Cancer Hospital at DHH, Bargarh is also ready for operation.
- Administrative Approval have been given for construction of 24 New Community Health Centres in the State.

4. Revamping Public Health Facilities:

A proposal regarding revamping of Public Health Facility for increasing inpatient beds considering population norms & bringing uniformity in sanctioned bed strength of similar category of Public Health Facilities as per recently notified IPHS 2022 standards and National Health Policy 2017 has been approved by the Govt. Accordingly facility for creation of another 21342 bed will be done. Creation of new facilities i.e., 12SDHs, 20 CHCs & 306 PHCs is also on the way in a phased manner observing IPHS recommendations on priority basis at 20 districts with bed strength @100, @30 & @6 respectively.

5. NIRMAL:

With an aim to provide better ambience to the patients, minimize hospital acquired infection, prepare public health institutions to get better score under Kayakalpa and certification under NQAS to maintain quality of care & provide their attendants at the public health facilities, a State specific scheme NIRMAL was launched in the year 2018-19 for period of 5 years (2018-19 to 2022-23). The scheme is being implemented in as many as 1864 public health institutions/facilities.

The scheme is being implemented in three categories:

- NIRMAL: 1812 facilities (31 DHHs, 33 SDHs, 384 CHCs, 1364 PHCs)
- NIRMAL+: 45 Public Health Facilities/Institutions (4 new Medical Colleges & Hospitals & Hostels, 9 AYUSH College & Hospitals & Hostels and 32 Nursing School & Colleges and Hostels)
- NIRMAL++: 7 Tertiary Public Health Facilities - 3 old MCHs (SCB MCH, Cuttack, MKCG MCH, Berhampur and VIMSAR, Burla), Capital Hospital, Bhubaneswar and 3 other major hospitals



(AHPGIC, Cuttack, SVPPGIP, Cuttack and MHI, Cuttack).

After careful consideration, Government have been pleased to decide that the new Medical Colleges with attached teachings hospitals shall be covered under Nirmal ++.

CHAPTER 4

Directorate of Public Health

4.1 National Vector Borne Disease Control Programme (NVBDCP)

National Vector Borne Disease Control Programme addresses six vector borne diseases (VBDs) that cause major public health concern in the states and country. Out of the six vector Borne diseases, five diseases are prevalent in Odisha. For Lymphatic Filariasis and Malaria, there is global as well as national call for elimination by 2030. Further, there is priority for prevention, control and management of arboviral diseases like Dengue, Chikungunya and Japanese Encephalitis (JE). Kala-azar is not yet reported in the state. Except Filariasis, all other diseases are outbreak prone and need continuous surveillance and constant monitoring for identification of early warning signals to prevent outbreaks. Further, there should be efficient management system to control and contain the disease transmission, preventing them to cause public health nuisances.

Understanding the importance of this National urgency and keeping in view the current disease burden of the State, Vector Borne Disease Control Programme, Odisha has prioritized its activities.

Situational analysis:

Malaria

Malaria continues to be a major public health problem in the State. Given below is the malaria epidemiological scenario of the State for last six years.

Year	BSE	+ve	PF	Death	ABER	TPR	Pf%	API
2016	7201271	444842	384668	77	16.29	6.18	86.47	10.06
2017	6648889	347860	293718	24	14.84	5.23	84.44	7.76
2018	6157502	66311	54042	3	13.76	1.08	81.50	1.48
2019	6552293	39556	35772	9	14.50	0.60	90.43	0.88
2020	5998664	41739	38140	9	13.15	0.70	91.38	0.92
2021	6875913	25525	22618	13	15.07	0.37	88.61	0.56
2022	8160202	23770	19295	5	17.73	0.29	81.17	0.52
2023	9509933	41973	33684	4	20.46	0.44	80.25	0.90

The state has reported 41973 cases in 2023 which shows 90.56.5% decline compared to the cases of 2016 which is observed to be the highest no. of cases reported in a year. Some of the notable and significant achievements of the State in 2023 can be highlighted as follows:

- State ABER (Annual Blood Examination Rate) has increased to 20.46 in 2023 from 17.73 in 2022 signifying strengthened surveillance system.
- Malaria microscopy for malaria has increased to 15.98% in 2023 from 13.85% in 2022.
- All 30 districts have come down to API < 10, 27 districts come under API < 5, 27 Districts are with API < 1

The above substantial decline in comparison to 2016 is majorly attributed to the large scale distribution of LLIN, enhanced use of LLIN in community; follow up mass screening activity in inaccessible areas under State specific DAMaN programme, intricately working community process, intensive monitoring & supervision and large scale

community mobilization. Basing on malaria epidemiological data of 2023 of the State and as per the definitions laid down in the **National Framework for Malaria Elimination** and **National Strategic Plan** of Govt. of India, 2 districts are coming under Category 0, 17 districts are coming under category 1, 4 districts are under category 2 and 7 districts are coming under category 3. This may be noted that the districts under category 1 & 2 are nearer to elimination and are under pre-elimination drive. Eight coastal districts (**Kendrapada, Jagatsinghpur, Bhadrak, Balasore, Khordha, Puri, Cuttack and Jajpur**) are being pursued in the drive of malaria elimination.

Control Strategies undertaken:

1. Early Diagnosis and Complete Treatment (EDCT):

ASHAs and community volunteers are acting as Fever Treatment Depot (FTD) holders and doing malaria diagnosis at village level by using Rapid Diagnostic Test (RDT) kits and providing treatment with Anti-malaria drugs i.e. Artemisinin Combination Therapy (ACT), Chloroquine and Primaquine. > 48000 ASHAs, HWs, > 1000 Community volunteers (Alternate FTDs) are trained and involved in malaria diagnosis and treatment at the community level along with drugs and logistics.

2. Integrated Vector Management (IVM):

Long Lasting Insecticidal Nets (LLIN): The entire community who are under malaria burden (SC areas with API>1) have been covered and protected with LLIN from the supplies of Govt. of India under GFATM support (1.13 Crores of LLIN whose distribution completed in 2021) and DBS support (44.28 lakhs of LLIN distributed in 2020). IRS(Indoor residual spray) conducted in selected areas of most high burden districts(Malakangiri, Raygada, Kalahandi, Koraput & Kandhamal) with a population coverage of 87%.

3. IEC, BCC, Social Mobilization & Public Private Partnership

Following activities have been conducted:

Observance of World Malaria day on 25th April and National Dengue Day on 16th May. Further, Anti Malaria month was observed in the month of June and Anti Dengue Month campaign was done in July. 30 days mass media campaign was conducted using both Electronics and print media. Sensitization programme conducted for Para medical staff in all blocks. Sensitization of community volunteers and GKS members has been done in more than 1700 sub-centers. Further, more than 2700 number of village contact drive have been conducted in the remote and inaccessible villages/hamlets under DAMaN. Special community mobilization & IEC-BCC Campaign (major activities: village meeting by ASHA, miking through megaphones & Folk Theatre at village level) have been conducted in LLIN covered districts to sustain regular use of LLIN with proper maintenance.

4. Training:

Staff personnel of all core have been trained and re-trained in 2023. Training of Mos on Malaria & Other VBDs conducted in 6 batches in different medical colleges, Refresher training of VBDS conducted in 4 batches, Refresher training of SSMTTC conducted in 2 batches, Refresher Training of DEOs on Malaria & other VBDs conducted in 1 batch, Training of SFWs on Malaria & other VBDs conducted in 1 batch. Two batches of Induction training and one batches of refresher training has been conducted for LTs at ROH&FW Bhubaneswar. 27 Nos of FLAs have taken refresher training on Finance & Supply chain Management. Apart from this, more than 1450 ASHA have taken refresher training at district level & more than 750 MPHS/ CHOs and 1500 MPWs have taken refresher training at District level.

5. Monitoring and Evaluation:

Monthly epidemiological data was analyzed thoroughly to identify the high case reporting CHC and SC areas and guidance was sent to districts on every month to help them for setting priorities for actions. Thus M4

analysis reports have been sent to districts. Malaria positive Cases were followed up for ensuring treatment compliance through patient card. Periodical Reviews were conducted at various levels – district, state & National levels. Important decisions recorded in form of minutes were circulated among districts for guided actions. Regular field tours were conducted to monitor the districts and sub-district level activities to bring improvement in their quality. Timely Advisories, Directives, SOPs and guidelines were sent to districts for follow up actions. Activities of the Sentinel sites were monitored to facilitate for their qualitative functioning. Quality assurance of microscopy was ensured through crosschecking of malaria blood slides at reference laboratories of Govt. of Odisha and RoH & FW. Programme quality of high endemic Blocks were evaluated through Lot Quality Assurance Sampling (LQAS). Web- based reporting of malaria cases through IHIP are being done by districts

6. **Durgama Anchalare Malaria Nirakarana (DAMaN): DAMaN has been implemented in 21 districts** having remote and inaccessible villages/hamlets having high malaria burden and also villages/hamlets in accessible areas where incidence of Malaria is high. In 2023, a total number of 1992 no. of DAMaN camps conducted, in which 513328 number of population screened. 13257 malaria positive cases have been diagnosed and treated with appropriate anti malarial. Out of this 2391 are symptomatic and 10866 (82%) are asymptomatic cases. Along with malaria, various nutritional parameters of pregnant women, Lactating mothers and under five children have been assessed and necessary corrective measures taken to improve the hemoglobin status and other nutritional parameters.
7. **Public Private Partnership (PPP): Prayatna have MoU with H&FW Dept. and is working with State** VBDCP for prevention and control of Malaria in two malaria high burden districts of the State i.e. Malkangiri and Koraput for programmatic intervention & technical support.
 8. **Involvement of Mission Shakti SHG:** Mission Shakti SHG involved in malaria control programme with the objective for reduction of malaria burden in high endemic villages, creating awareness among the community through socio behavioural changes & Up-scaling LLIN use by the community. This programme implemented in 1500 villages of 300 SCs of 44 Blocks in 13 Districts (Malkangiri, Koraput, Rayagada, Nawarangapur, Kalahandi, Kandhamal, Sundargarh, Gajapati, Nayagarh, Balangir, Nuapada, Boudh, Ganjam) with involvement of 1500 SHGs.
 9. Odisha Mineral Bearing Areas Development Corporation (**OMBADC**): Districts Jajpur, Keonjhar, Mayurbhanj and Sundargarh have been supported for different activities of NVBDCP under OMBADC. Prevention and control of VBDS under OMBADC support is being extended from 45 blocks of these districts to the entire four districts. Activities like GKS Sensitization, SHG sensitization, display of hoarding, wall painting, construction of hatchery, dengue volunteer for source reduction etc. were prioritized under this important intervention along with the support of additional HR at the block and district level.

Dengue & Chikungunya

Dengue has become perennial in the state. The surveillance for dengue in 2023 is increased by **202% in comparison to the previous year**. The test positivity rate (TPR) reduced from 13.03% in 2022 to 7.86 in 2023. There is increased reporting of dengue cases (12839 cases) in 2023 compared to 7063 cases reported during 2022. Increased case detection is due to increased screening of suspected dengue cases in the state. The major dengue outbreaks were reported from the state during 2023 is from the Bhubaneswar urban area contributing around 32 % of cases to the state.

Action taken at state level

- Inter-departmental co-ordination meeting was held at state level under the chairmanship of chief secretary involving all line departmental secretaries. Similarly the activity was done in the districts under the chairmanship of Collector and DM.
- All 40 sentinel site laboratories along with the Apex Referral laboratory (RMRC, BBSR) were kept ready with availability of ELISA facilities, diagnostic test kits (NS1 & IgM), skilled and trained lab technicians and daily reporting mechanism.
- Two additional testing laboratories in Bhubaneswar made functional at UPHC Patia & UCHC IRC village.
- National Dengue Day was observed on May 16th 2023 across the state on virtual mode in view of ongoing pandemic.
- Directives from Chief Secretary to Secretaries of related Depts. were given for preparedness to combat vector and water borne diseases
- Dengue guidelines/advisory /SOPs were sent by DPH (O) to CDM &PHOs & ADPHO (VBD) wing of all 30 districts to ensure readiness for prevention and control of dengue.
- Training of Medicine & Paediatric Specialists on Clinical case Management of Dengue conducted at AIIMS, Bhubaneswar.
- Stocks with regards to drugs, equipments/instruments, kits, logistics and consumables were replenished timely.
- Pre monsoon and monsoon entomological risk assessment was done in major vulnerable areas for timely implementation of evidence based prevention and control measures.

Chikungunya

No chikungunya case detected during 2023.

Lymphatic Filariasis

Filariasis is an age old public health problem in the state. Currently the programme, "Elimination of Lymphatic Filariasis" is implemented under the umbrella programme of NVBDCP. The NFCP units undertake recurrent weekly anti larval operation using larvicides in the mosquito breeding sites and the NFCP clinics conduct microfilaria blood survey and provide necessary treatment to the Mf positive patients. For elimination of lymphatic Filariasis, Annual Mass Drug Administration (MDA) of single dose of Albendazole and DEC is the key strategy along with management of lymphoedema cases and Hydrocelectomy.



MDA was introduced in 20 districts of the state in the year 2004 by using DEC as the drug of choice for the community. Later albendazole was added. Out of these 20 high endemic districts, currently 9 districts are under different phases of elimination (districts showing clearance of different rounds of TAS). To this old 20 LF endemic districts 7 newly identified districts were added in 2021 based on fresh morbidity and night blood survey (mf rate) for MDA.

- In the year 2023, LF-Mass drug Administration(MDA) conducted in two rounds covering 21 districts.
- In first round MDA with DEC & Albendazole conducted in Balasore, Bhadrak, Bolangir Cuttack, Nuapada, Kalahandi, Kandhamal, Kordha, Nayagarh &Raygada with drug coverage of 89.43 % .

- In second round MDA with Ivermectin, DEC & Albendazole conducted in Angul, Bargarh, Dhenkanal, Ganjam, Jajpur, Jharsuguda, Keonjhar, Mayurbhanj, Sambalpur, Sonepur & Sundargarh with coverage of 87.2 %.
- In the state Seven districts namely Koraput, Boudh, Gajapati, Kendrapada, Puri, Malkangiri, Nawarangpur have cleared TAS-3 and are currently under elimination phase which no longer require MDA. Further two districts i.e Jagatsinghpur & Deogarh have cleared TAS-2 & proposed for TAS-3.
- Provisioned Morbidity Management and Disability Prevention (MMDP) kit to each one of the of line listed 67117 lymphoedema cases of the state.
- A total of 4180 hydrocelectomy operations were done in 2023.
- One batch Training of LTs on Filaria Microscopy conducted at ROH& FW, Bhubaneswar.
- Training on MMDP services conducted at all Blocks of the state.

Japanese Encephalitis (JE):

Japanese Encephalitis Virus (JEV) infection is a mosquito borne zoonotic disease. In Odisha, sporadic cases of AES/JE have been reported from many districts since 2016. In 2023, there were 29 JE cases in the state in contrast to 31 cases reported in 2022. 24 out of 30 districts are covered under JE vaccination through RI mode. However, all 30 districts have shown vulnerability which is addressed with special plan for prevention, control and management of the disease.

Activities undertaken:

1. Lab. Diagnosis & Surveillance:

There are 10 JE Sentinel Site Laboratories including one apex referral laboratory (provided below) functioning in the state for JE diagnosis which is made *free of cost*. JE IgM Kits (NIV, Pune) was supplied by Dte. NVBDCP, GoI.

2. JE Vaccination: 24 districts have been covered under JE vaccination in routine mode.

3. Entomological & veterinary Surveillance: Entomological investigation was carried out by state and zonal entomology unit whereas sero-surveillance from pig was ongoing in collaboration with ADRI, Phulanakhara under Department of Animal Husbandry Govt. of Odisha.

4. Capacity Building: 30 batches of training on JE have been imparted at district and state level. Medical Officers-7, Medicine & Paed. Spsl-1, VBDTs - 4, SSMTCs / LT-1

5. Major activities:

- State level review on functionality of all JE SSLs conducted under the Chairmanship of DPH, Odisha (Virtual Mode)
- Identified AES cases admitted in the IPD/ICUs of either Medicine and/or Pediatrics ward in district/tertiary care hospitals are screened for the JE through IgM-ELISA based assay as referred by the treating physicians.
- AIIMS Bhubaneswar added to JE SSL network of State as new JE SSL which increased the AES surveillance in the state
- All the JE reported districts have been communicated for conducting eco-epidemiological investigation following national guideline and was carried out at district level.
- Advisories from NCVBDCP, GoI has been issued to all CDM&PHOs of all districts and all the DHHs, SDHs and MCHs were instructed for maintenance of AES Case Register
- Training for Medical Officers & paramedics on clinical management of AES/JE conducted at District level.
- Continued surveillance of pig samples through liaison with Animal Disease Research Institute under Dte. of Animal Husbandry & Veterinary Sciences, Govt. of Odisha.

4.2 National Tuberculosis Elimination Programme

The National Tuberculosis Elimination Programme (NTEP) is implemented in the State with the objective to eliminate TB by the year 2025.

Achievement

- State notified 62338 TB cases in 2023 and achieved 95.9% of the notification target.
- Treatment success rate is 90.63%
- Total numbers of DMCs are increased to 998.
- Procurement of 161 TrueNat machines is completed to saturate molecular diagnosis till block level.
- Total 15 Lakhs tests are conducted in the year 2023. Presumptive TB examination rate is 3179 per Lakh population.
- State is implementing “Test and Treat Model” for TB Preventive treatment. In this regards, IGRA kits are provided to all the districts.
- Shorter TPT regimen, 3 HP Regimen (three months of Isoniazid and Rifapentine) started in 30 NTEP districts.
- Under Ni-kshay Poshan Yojana 86% of the beneficiaries received at least one benefit and 58% beneficiaries received all benefits.
- Rs. 250/- is provided to ASHA as treatment supporter for TB Preventive Treatment and Rs. 50/- for bank seeding within 15 days of diagnosis.
- Puri district was awarded a silver medal and Sambalpur district was awarded a bronze medal during Sub-National Certification.
- Under Pradhan Mantri TB Mukta Bharat Abhiyan total 2057 Ni-kshay Mitras are registered and total 95830 food baskets are delivered to the TB patients by 31st December 2023.
- TB Mukta Panchayat activity started in all districts. Total 526 Gram Panchayat submitted claims for bronze medal for the year 2023.
- Patient Provider Support Agencies (PPSA) have been engaged in six districts of Khordha (including Bhubaneswar MC)/ Cuttack/ Ganjam/ Mayurbhanj/ Sundargarh & Sambalpur to enhance Private Sector notification of TB cases.

Year wise Achievement

Year	Total TB Notification (Current year)	Total Success Rate (previous year)
2018	48856	87.8%
2019	53378	88.8%
2020	45702	88.2%
2021	52346	88.5%
2022	60313	89.1%
2023	62338	90.6%

Priorities for the year 2024

- Implementing Test and Treat strategy by rolling out IGRA testing for TB Preventive Treatment.
- Increase upfront molecular diagnostic techniques utilization.
- Adult BCG vaccination at 15 intervention districts.
- To roll out TB Mukht Panchayat activities.
- Supply chain of anti TB drugs & diagnostics to be streamlined.
- On time DBT payment under various schemes.
- Reduce the death rate by implementing Differentiated TB Care approach.

4.3 National Leprosy Elimination Program (NLEP), Odisha

Background:

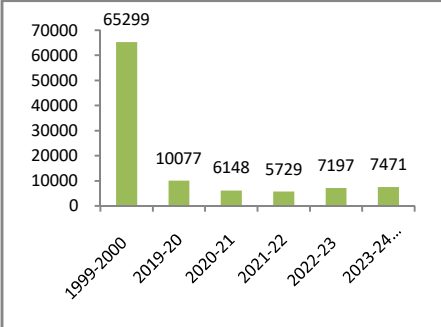
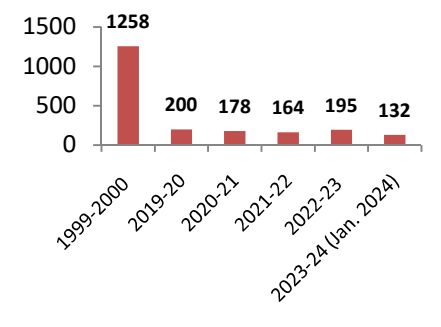
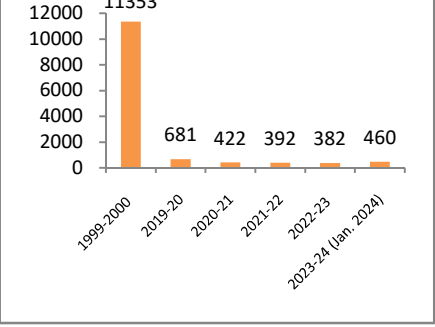
The National Leprosy Eradication Programme (NLEP) with Multi Drug Therapy (MDT) started in the year 1983 with the objective of achieving eradication of leprosy from the country. Prior to introduction of MDT, Odisha was one of the very high endemic states of the country. With introduction and successful implementation of Multi Drug Therapy (MDT) programme in the State since March, 1983, the Prevalence Rate (PR) as well as Annual New Case Detection Rate (ANCDR) of leprosy has substantially declined. The Prevalence Rate (PR) was 121.4 per 10,000 population in 1983, which is 1.57 as on 31st January 2024.

Major activities & Achievements of NLEP for 2023-24 (as on Jan 2024):

Declining trend of leprosy cases in Odisha from 1999-2000 to 2023-24 (up to Jan):

Indicator	1999-2000	2019-20	2020-21	2021-22	2022-23	2023-24 (Jan. 2024)
New case detected	65,299	10077	6148	5729	↓ 7,197 Decline of 89%	7471
No. of Grade 2 Disability (G2D) cases	1258	200	178	164	↓ 195 Decline of 84%	132
Child Cases amongst newly detected cases	11353	681	422	392	↓ 382 Decline of 97%	460

- Detection of new leprosy cases have declined by 89 % i.e. 65299 in 1999-2000 to 7197 in 2022-23
- The number of Grade 2 disability cases have declined by 84 % from 1258 in 1999-2000 to 195 in 2022-23
- The Child cases have declined by 97% from 11,353 in 1999-2000 to 382 in 2022-23

		
<p>No. of new cases detected</p>	<p>No. of Grade-2 cases detected</p>	<p>No. new Child cases detected</p>

Activities during 2023-24 (as on Jan 2024):

1. Reconstructive surgeries: During 2023-24 (up to Jan.24) 113 RCS surgeries have been conducted. Rs 12000/- is provided as loss of wages/welfare allowance per each Reconstructive Surgery to the patients. Total 6804 reconstructive surgery have been conducted from 1994 to 2023-24 (up to Jan. 2024)

2. Leprosy post-exposure prophylaxis (LPEP): Post Exposure Prophylaxis (PEP) with single dose of Rifampicin (SDR) is given to all contacts of all new cases to prevent spread of infection by *M. Leprae*. During 2023-24, 1,56,353 contacts have been administered SDR.

3. Disability Prevention and Medical Rehabilitation (DPMR): 386 DPMR clinics are functioning in all block CHCs, Sub-division Hospitals and District Head Quarters Hospitals in the State. Disability services like ulcer care, complication management, MCR foot wears and ulcer kits are also provided to the patients who need the same.



DPMR Services in Leprosy colony

During 2023-24 7174 pair of MCR foot-wears and 11449 ulcer kits provided to PALs (People Affected with Leprosy).

4. IEC / BCC Activities: Regular IEC/BCC activities have been carried out throughout the State in print and electronic media to generate awareness and reduce stigma and discrimination associated with persons affected with leprosy. Sparsh Leprosy Awareness Campaigns (SLAC) is conducted every year in coordination with Panchaytiraj, School and Mass Education, SSEPD, W&CD Dept wherein Gram Sabhas in villages across the State are organised to create awareness in the community. School children are encouraged to spread awareness about the disease through plays, posters, debate competitions etc.

4.4 Integrated Disease Surveillance Programme

Background:
overview

The Integrated Disease Surveillance Programme (IDSP) acts as India's nationwide shield against outbreaks and disease threats. Launched in 2004, this collaborative effort between state and central governments empowers early detection

and long-term monitoring of various illnesses. Through a network of trained personnel, robust data collection, and rapid response teams, the IDSP aims to effectively track disease trends, nip outbreaks in the bud, and ultimately safeguard public health. At its core, the IDSP seeks to enhance early detection, prompt response, and effective management of outbreaks, thereby mitigating the impact of infectious diseases on public health.

Its primary objectives encompass:

Establishment of a robust surveillance system capable of timely data collection, analysis, and dissemination;

Strengthening of laboratory networks for accurate disease diagnosis and monitoring; the development of rapid response teams for swift intervention in outbreak situations

Implementation of preventive measures through targeted public health interventions and risk communication strategies.

The working areas of the IDSP span a wide spectrum of activities, including:

- Routine surveillance of communicable diseases, epidemic intelligence, outbreak investigation and response, capacity building of healthcare workers,
- Strengthening of laboratory infrastructure, integration of data management systems, and collaboration with various stakeholders at national, state, and local levels.
- Interdepartmental coordination for zoonotic diseases

Through these multifaceted endeavors, the IDSP endeavors to foster a proactive and coordinated approach to disease surveillance, ultimately safeguarding the health and well-being of the population.

Activities undertaken

1. Infectious disease trends are routinely monitored for the management of unusual events by the trained Rapid Response Team.
2. In 2023, the IHIP has the status of Form S (Suspected form) 98% and Form P (Probable/Presumptive) 99% and Form L (Laboratory) 99% of the real-time data entry and secured second position in India.
3. The State Surveillance Unit is actively scrutinizing the Media Alerts and every day verifying the Print Media/News rumors. As per the situation, necessary steps have been taken.
4. In 2023, a total of 54 outbreaks were identified by the Block, District, and State RRT. Out of the 54, reported ADDs (10), Anthrax (2), Chicken Pox (4), Food Poisoning (18), and Scrub Typhus (02) were confirmed outbreaks and 91% were confirmed by the laboratories' methods.
5. Prompt deployment of outbreak investigation teams to affected areas.
6. Regular water testing and ensuring water quality management by grassroots health workers.
7. Regular H2S and OT test is conducted in high vulnerable areas to predict and prevent waterborne diseases.
8. In 2023, a total 1085728 COVID-19 tests were conducted, out of which 610412 RAT and 475316 RTPCR were conducted. A total of 11903 Positive cases were reported, out of which 2015 are under 18 years.
9. Regular dissemination of information and risk communication to the public regarding COVID-19 prevention and control measures

Workshop and training

1. National-level workshop on One Health Conclave conducted to discuss the intersection of human, animal, and environmental health, in the presence of Commissioner cum Secretary, MD NHM, MD OSMCL, DHS, DPH. District authorities, CDMOs, and CDVOs were the major participants. The conclave was conducted in collaboration with NCDC, CDC, WHO.
2. State-level training of medical officers on National Rabies control program, leptospirosis, scrub typhus, Snakebite, national hepatitis Control Program.
3. Workshop conducted on stakeholders meeting convened by the Department of Health, Government of Odisha at Sandy's Tower in collaboration with USAID and RISE, focused on optimizing molecular testing laboratories. Partner agencies lauded the initiative, with special recognition extended to the district microbiologists for their significant contributions.
4. State level brainstorming workshop on 11th October 2023
5. State level brainstorming workshop on IPHL & BPHU on 8th December 2023
6. Hands on training of all Microbiologist at AIIMS, BBSR
7. Training of new Microbiologists at MKCGMCH & SCBMCH
8. Training of LTs on IPHL at MKCGMCH

Laboratory strengthening

32 nos. of District Public health laboratories have been made functional with manpower and equipment / instruments across the State where culture, sensitivity, ELISA based test for infectious diseases and viral load testing for Hepatitis B & C , COVID-19 tests are being and conducted. Three State Referral Laboratories under IDSP have been functional in three Old Govt. MCHs. The DPHLs & RT PCR laboratories provide invaluable insights into disease surveillance, outbreak investigations, and health trends. These laboratory reports detail the diagnostic testing capacity, quality assurance measures, environmental health hazards, and emerging pathogens, and enhancing preparedness for future health threats.

4.5 National Viral Hepatitis Control Program

- Establishment of specialized treatment centers equipped with modern diagnostic and therapeutic facilities to provide timely care and management for individuals affected by viral hepatitis.
- Whole blood-based Hepatitis B screening KITS are available at VHND sessions
- Screening camps by dist. IDSP team is regularly conducted.
- In the year 2023 (April-Dec,2023) A total 1189280, high risk populations were screened for Hepatitis B, out of which 817 eligible persons (Viral load) were put under the treatment. A total of 509302 Pregnant women were screened for the Hepatitis B (April-Dec,2023) out of which 454 newborns to pregnant women (found positive for HBsAg) received HBIG.



- In the year 2023 (April-Dec,2023), a total of 667280 high-risk populations were screened for Hepatitis C, out of which 191 were put for the treatment.
- Free drugs are available for both hepatitis B and C-positive cases.

4.6 National Rabies Control Program

- Rabies is a viral disease that affects the central nervous system and is almost always fatal once symptoms appear.
- Anti-Rabies vaccines are available at all CHCs, SDHs, DHHs, and Medical colleges
- Immunoglobulin PEP are available at all DHH and Medical Colleges
- Prompt and appropriate wound care, along with timely administration of post-exposure prophylaxis (PEP), is ensured by all the districts.
- Model anti-rabies clinic, proposals are submitted and very soon all the districts will have functional MARCs.

4.7 National Programme on Climate Change and Human Health (NPCCHH)

- Development of IEC material on health impacts of Climate variability & change has been done and shared.
- Advocacy on health impacts of Climate variability & change in health institutions.
- Strengthening of health care system in context of climate change.
- Capacity building for vulnerability assessment at various levels is being done.
- Develop/ strengthen the monitoring and surveillance systems for climate sensitive diseases.
- The mechanisms for Early Warning System/ alerts and responses at state, district and below district level is being developed through capacity building.
- The joint action plan have been developed with other department/ organizations in view of their capabilities and complementarities.
- Strengthening of healthcare services based on researches on climate variables and impact on human health.
- Constitution of District Task Force under chairmanship of Collector & District Magistrate in all 30 Districts, Share the details of District Task Force such as Name, Designation, Mobile no & Email id.
- Constitution of District Environmental Health cell under chairmanship of District Nodal Officer Share the details of District Environmental Health cell such as Name, Designation, Mobile no & Email id (All 30 Districts)
- According to NCAP (National Clean Air Programme), 6 cities not attaining Good Air Quality (AQI) under 5 Districts (**Bhubaneswar, Cuttack, Angul, Talcher, Balasore, Rourkela**).
- 13 sentinel Hospitals of 6 cities selected for ARI Surveillance.
- Bhubaneswar: AIIMS,KIMS,Hi-tech MCH, Capital Hospital, IMS & Sum Hospital, Cuttack : S.C.B M.CH, Aswini Hospital,Balasore: F.M M.C.H, DHH,Angul: DHHAngul, Nehru Satabdi Hospital,Talcher,Rourkela : RGH, IGH

4.8 National Iodine Deficiency Disorder Control Program (NIDDCP) in Odisha:

- The programs benefited the population of Odisha since 1989, this is a national program. Salt Iodization, Monitoring and Surveillance, Awareness, and Education, salt testing are conducted under this program.

Some very important initiatives conducted in 2023 in Odisha under the Integrated Disease Surveillance Program (IDSP) include:

1. Rabies declared as notifiable disease
2. One Health conclaves successfully conducted

3. Hepatitis declared as notifiable diseases
4. Onboarding of IHIP at urban health care facilities
5. 100% CHCs declared as Anti-rabies clinics

4.9 National Mental Health Programme

- **State Mental Health Authority (SMHA)** is functional in the state to monitor and supervise the mental health activity in the state under the chairmanship of Commissioner Cum Secretary to Govt., H&FW Deptt.
- Total **30 Mental Health Care Review Board** established at **district level**.
- 32 District Mental Health units are functional at district level with 115 dedicated DMHP staffs.

	April, 2023 to March, 2024
OPD (New)	28353
Follow up	101113
IPD	1323
Referral	3448

- IEC/BCC activities conducted in mass media and mid media and outdoor display media such as hoarding (535 nos.), posters (192 nos.), tin plate (62645 nos.).
- The screening camps (121 camps) exclusively for PMIs, workplace stress management (150 sessions), life skill education (2667 batches) for school teachers, training of Paramedical staffs & Medical Officers (95 batches) conducted by district DMHP units for awareness generation on mental health during the year 2023-24.
- Provision of free psychotropic drugs under 'Niramaya' to all Persons with Mental Illness at DHH level and MCH Level (Items under EDL—34 items)
- E-Sanjeevani facilities are available in 11 hubs and 5513 spokes for counselling and prescription generation. E-Sanjeevani facilities provided to all 87 jails.
- From November 2022 to January 2024 total calls received from jails to e-Sanjeevani Hubs & Spoke is 493.
- Prototype of tin plate, poster, hoarding, FAQs, booklet for ASHA was shared to district to spread awareness in community.
- **30 Mobile Mental Health Unit (MMHU)** across 30 districts for counseling, doorstep delivery of psychotropic drugs, rescue of wandering PwMI and upscaling public awareness in the community.



National Tele-Mental Health Programme (NTMHP)

- Two (2) Tele-MANAS cells are functional in Odisha since 10.10.2022
 1. COE, MHI, SCBMCH, Cuttack
 2. Integrated DMHP/DAC unit, MKCGMCH campus, Berhampur
- Mentoring Institute is functional at COE, MHI, SCBMCH, Cuttack under the Director, MHI for monitoring & supervision on daily basis.
- From October, 2022 to till date total 73,611 calls received at two (2) TM cells and psychological intervention has been provided

- Total no. of user initiated calls -17383
- Total no. of Tele-MANAS initiated calls - 56228

4.10 National Programme for Prevention and Control of Non Communicable Diseases (NP-NCD):

Under NP-NCD, screening for early diagnosis, treatment and follow up for complications and treatment adherence are ongoing in the State. Under Population Based Screening, individuals above 30 yrs are screened for Diabetes, Hypertension and three common Cancers (Oral, Breast & Cervical).

Achievements of PBS (From 01st April 2023 till 31st March,2024):

Enrolled Population	Enrolled 30+ Population	Total Screened population	Referred By Screening	Individuals confirmed with diagnosis	Individuals put under Treatment
89,29,275	53,31,649	79,68,231	6,68,842	Diabetes: 3,36,698 Hypertension: 6,24,122 Oral Cancer: 2,306 Breast Cancer: 439 Cervical Cancer : 478	Diabetes: 3,36,480 Hypertension: 6,23,229 Oral Cancer: 1,764 Breast Cancer: 163 Cervical Cancer: 221

Under NP-NCD, following facilities are established in the state:

1. District NCD Clinic – 32
2. District NCD Cells - 30
3. CHC NCD Clinic- 414
4. District Day Care Cancer Chemotherapy Centres – 32
5. District Level CCU/ICU – 18
6. Dialysis Units under Pradhan Mantri National Dialysis Programme (PMNDP)- 52
7. Districts implementing National Programme for COPD -30
8. Districts implementing National Programme for Non Alcoholic Fatty Liver Disease -30
9. STEMI – 6 districts (28 Spokes),
10. Districts rolled out with NAFLD Programme – 30
11. Districts Rolled out with Stroke Programme – 30
12. Districts rolled out with COPD Programme - 30
13. Geriatric ward in DHH – 32 facilities in 30 districts
14. Facilities established with Integrated Physiotherapy Units – 207
15. NOHP Rolled out in all 30 Districts and Dental Surgeons posted in 354 facilities
16. Districts rolled out with Home Based Palliative Care – 30

Capacity Building under NP-NCD (during 2023-24 till feb):

- 27 Medical Officers, 26 Nursing Officers & 22 Physiotherapists / Consultants were trained for palliative care
- 30 Medical Officers & 67 Nursing Officers were trained for critical care case management

- 18 Medical Officers (Radiotherapists / O.G. Specialists / MOs) were trained on breast imaging for diagnosis of breast cancer
- 32 Programme Officers and 32 TB & Chest/Medicine Specialists has attended as State ToT at SCB, MCH Cuttack.
- 32 Medicine Specialists are trained on NAFLD.
- 56 Counsellors, 29 Assistant Managers NCD, 21 District Epidemiologists, 23 ADPHO-DCs, 38 FLCs were trained on NP-NCD program
- 19 District Reviews with Training for NP-NCD portals conducted

4.11 National Programme for Health Care of Elderly (NPHCE):

- **NPHCE** is being implemented in all the 30 districts. Provisions have been made at each District Headquarters Hospital, PGIMER & Capital Hospital, Bhubaneswar & RGH Rourkela for a special Geriatric Ward of 10 beds strength. Elderly serviced in all 32 DHH are integrated with Integrated Physiotherapy Units (IPUs) established. Apart from that Elderly Care is also being provided in 115 CHCs and outreach activities by Physiotherapists and health worker teams under each Health and Wellness Centres (5436). A total of 1,34,0084 numbers have been provided treatment at Geriatric OPDs and from them 15,58,447 have availed IPD services with 1,60,382 numbers of laboratory services and 2,92,910 numbers of health cards distributed. An Extended Physiotherapy service is also available at PHC-HWCs level where Home based geriatric care and Palliative care is provided by the empanelled physiotherapist.
- Special Health Camps are being organised for elderly persons for eye care, hearing impairment, Hypertension, Diabetes, Mobility disorder, Neurology and Psychiatry problems at each Panchayat level periodically. Education on Lifestyle modification, healthy diet, exercise, Yoga, meditation is also being imparted to them in the health camps and at Health & Wellness Centres.

4.12 National Programme for Prevention and Control of Deafness (NPPCD):

NPPCD programme is being implemented in all the 30 districts. Based on the WHO report, about 6.8% of population having hearing impairment of whom 50% can be prevented if interventions could have been made in right time. Audiometry provisions of sound proof rooms with services of audiologists (RBSK) are available at District Headquarters Hospitals for screening from neonatal to elderly in all 30 Districts. A mechanism of referral from remotest villages through the health care facility network is established. With assistance from Ministry of Social Justice and Empowerment (MSJE) hearing aids are distributed free of cost. So far this year till now 1077 numbers of hearing aids have been distributed free of cost from 3687 having been referred for rehabilitation. A total of 30 numbers of ENT specialists, 32 O&G Specialist and 32 Paediatrics Specialists and 112 Medical Officers are trained under NPPCD for prevention of Congenital Deafness. Management of common ear nose and throat problems drugs, nasal and ear drops including wax softeners are being provided under free drug (NIRAMAYA) scheme of Govt. of Odisha. 1077 persons are provided with Hearing aids.

4.13 National Programme for Palliative Care (NPPC):

Under NPPC, facility based Palliative care is being provided in dedicated 6 bedded palliative Care units established at all 30 District Head Quarters Hospitals. Palliative Care Services are being provided in integration with Day Care Cancer Chemotherapy centres where Trained Medical Officers and Staff Nurses are providing services. Pain clinics are established and Narcotic analgesics are also provided at these facilities. Already 61 Medical Officers and 82 Staff Nurses are trained in Essential Palliative Care at AHPGIC, Cuttack and Karunashray Bangalore. Home Based

Palliative Care is being implemented in 10 districts and it is planned to expand to rest 20 districts soon. Karunashray has started Home Based Palliative Care in the Urban areas around Bhubaneswar since last one year.

4.14 National Oral Health programme (NHOP):

- Under NOHP Dental Units are established at 30 District Hospitals, Capital Hospital, RGH Rourkela and 225 CHCs where Dental Surgeons are placed with infrastructure of Dental chairs and Dental instrument equipment.
- Under state Govt. initiative, 359 Dental Surgeons are placed at CHCs as regular cadre.
- Under NOHP during April'23 to February 2024, total 1226 Medical Officers of HWCs are trained on Oral Health Care by SCB Dental College under comprehensive Primary Health Care initiative.

4.15 National Tobacco Control Programme (NTCP):

- Tobacco Free Youth Campaign rolled out in all 30 districts.
- Tobacco Cessation Centres Established – At 30 District Head Quarters Hospitals, Capital Hospital Bhubaneswar and RGH Rourkela. The Dental Surgeons are made Nodal Officers for Tobacco Cessation activities in the facilities. 80290 individuals are counselled at Tobacco Cessation Centres with 10% quit rate.
- State level Coordination Committee formed under the Chairmanship of Chief Secretary, Govt of Odisha for implementation and monitoring of Tobacco Control Programme. District Level Coordination Committees are formed in all 30 districts. 48 number of DLCC meetings held in the year.
- 614 Medical & Para Medical Staffs are trained on NTCP, Tobacco Cessation including implementation of Tobacco Control laws.
- 574 IEC Campaigns were done at Health Institution covering 14476 persons
- 6500 Schools and 288 colleges are covered under Tobacco Free Educational Institution Programme. This covered around 2, 43, 000 students.
- 509 enforcement squad visited with 6637 No. Of violations & Rs. 11,25,423/- were collected on violation of COTPA 2003



4.16 District Comprehensive Cancer Care Programme:

Under NPCDCS, screening for common Cancers i.e. Oral, Breast and Cervical Cancer are being conducted under Population Based Screening by ANMs trained on Cancer screening at sub centre level routinely on every Thursday and in campaign mode too. More than 700 Staff Nurses and ANMs are trained in VIA screening for Cervical Cancer. More than 6000 ANMs are trained in Clinical Breast Examination (CBE) and Self Breast Examination (SBE) for screening Breast Cancer and Oral Cancer screening with incandescent light, disposable spatula and examination mirror. Till date they have identified 28,400 Oral Cancer, 11540 Breast Cancer and 38,000 Cervical Cancer cases and referred them to

Tertiary Centres for confirmation of diagnosis. Cancer screening and consultation camps are organized in presence of Oncologists of AHRCC, Cuttack. Till date more than 120 camps where 7830 suspected cancers are screened and 340 cases have been identified as new cancer patients and 3967 cancer patients are provided free consultation in different districts during 2023.

District Day Care Cancer Chemotherapy Centers are established in 30 DHH, RGH, Rourkela and Capital Hospital, Bhubaneswar where 74,320 Cancer patients are provided consultation and 58,220 Chemotherapy Cycles are administered by trained Medical Officers and Staff Nurses. District Palliative Care Programme is being managed by trained Medical Officers and Staff Nurses in integration with Day care Chemotherapy Centre in 20 districts and there is dedicated Palliative Care unit in 10 district hospitals. Till date 30,452 cancer patients have received Palliative Care in these facilities. These facilities providing Palliative Care are exempted from licensing for procurement, storage and dispensing Narcotic Drugs like Morphine for pain management by Drugs Controller, Odisha.

4.17 Pradhan Mantri National Dialysis Programme (PMNDP):

Pradhan Mantri National Dialysis Programme (PMNDP) is being implemented in all 30 districts under PPP Mode. There are 58 centres and 446 Hemodialysis Machines are functional at Odisha.

Peritoneal Dialysis is implemented in SCB MCH. Further the services will be expanded to MKCG & VIMSAR in 2024. Target for 2024-25 is 100 & for 2025-26 is 150 Budget will be proposed. Establishment of Peritoneal Dialysis (PD) Unit at Nephrology Department, SCB MCH Cuttack and establishing **Peritoneal Dialysis Network** for the period 2022-24 is approved under NHM PIP 2022-24. Total 75 patients benefitted under this service at SCB MCH, Cuttack.

4.18 National Programme For Control Of Blindness & Visual Impairment (NPCBVI)

Blindness is a major public health problem in India with an estimated 12 million blind persons in the country. India is the first country in the world to launch the National Programme for Control of Blindness (NPCB) in the year 1976 with the commitment to reduce the burden of avoidable and treatable blindness with the goal to reduce the prevalence of blindness from 1.4% (1974) to 0.25% by the year 2025 by developing eye care infrastructure human resources, improving accessibility quality of eye care services. Subsequently the programme is extended to include Visual Impairment (VI) and the name changed to NPCB&VI.

The NPCBVI activities are being implemented in the State by the Govt. Hospitals & registered NGO/Pvt. Practitioners.

Major Coverage area:

- Cataract surgery
- Spectacles to school children
- Spectacles to others
- Treatment/management of other eye diseases including Diabetic Retinopathy, Childhood Blindness, Glaucoma, Keratoplasty, Vitreoretinal surgery
- Cornea collection for transplantation
- Functioning / Strengthening of Eye Bank & Eye Donation Centre
- Functioning of Vision Centre and Mobile Ophthalmic Unit in all the district and Municipality areas
- Training to Ophthalmologist and PMOA

Cataract Surgery:

- Cataract surgeries have been done in Govt. & NGO sector by trained Eye Surgeons out of which more than 99% are micro surgery with IOL implantation.

Year	Annual Target (Allocated by Govt. of India)	Achievement	% of achievement
2017-18	276853	132887	48
2018-19	276853	148982	54
2019-20	276853	125207	45
2020-21	276853	78004	28
2021-22	225750	184556	82
2022-23	332400	335121	101
2023-24	398900	342114	86

2) School Eye Screening

School Eye Screening programme is carried out by PMOAs posted in blocks and also by Eye Specialists at SDH/DHH level. Also children having defective vision detected by basic health workers in biannual screening programme are examined by Ophth. Assts. and referred to Eye Specialist in SDH/DHH whenever needed for better treatment.

Year	Free spectacles provided to school students		% of Achievement
	Target	Achievement	
2017-18	50000	90242	180
2018-19	100000	60243	60
2019-20	200000	37508	18
2020-21	100000	668	0.6
2021-22	50000	1812	4
2022-23	50000	36678	73
2023-24	100000	64154	64

3) Spectacles to old person for near vision)

Year	Annual Target	Achievement	% of Achievement
2017-18	116104	69992	60
2018-19	100000	116231	116
2019-20	200000	50985	25
2020-21	120000	7821	7
2021-22	60000	36455	61

The activity "spectacles to old person" now extended to "Spectacles to others" in 2022-23

ii) Spectacles to others

Year	Annual Target	Achievement	% of Achievement
2022-23	60000	52779	88
2023-24	120000	190119	158

4) Eye Donation

Eye Donation activities is gradually improving in our state due to extensive community awareness activities done at state / district level and also due to good co-ordination and remuneration to NGOs.

Year	Target	No. of Eyes Collected	No. of Eyes Utilised	% of Achievement	%
2017-18	1100	1344	1049	95	78
2018-19	1200	1563	1195	99	76
2019-20	1300	1348	1008	78	75
2020-21	1300	593	523	40	88
2021-22	1300	1244	1060	82	85
2022-23	1400	1843	1729	132	124
2023-24	1500	2152	2054	137	95

5) Other Eye Diseases (Treatment / Management)

Year	Glaucoma	Diabetic Retinopathy	Childhood Blindness	Squint	ROP	Low Vision	Vitreo retinal surgery	Keratoplasty
2017-18	603	6226	789	-	-	-	15	326
2018-19	834	9318	330	-	-	-	-	399
2019-20	751	7725	362	64	-	38	-	403
2020-21	2374	9151	1593	442	414	126	193	511
2021-22	5183	10919	2488	722	875	1298	4596	945
2022-23	7953	13818	3668	1606	1249	3237	923	1634
2023-24	7736	15853	3110	1874	2853	1725	1259	1890

6) Capacity building:

Vision Centre at CHCs: 183 nos. of Vision Centres have been functioning at CHCs level in the state for providing eye care services to rural people.

Mobile Ophthalmic Units: 35 nos. of Mobile Ophthalmic Units are functioning (@ 1 unit in 30 districts and 5 Municipality Corporations) to provide eye care service.

Ophthalmic Equipment / Instrument:

The ophthalmic equipments, instruments, surgical sets etc. are being provided to Districts for eye surgeries

- Kits are provided to ASHA workers for preliminary screening of eyes.

Drugs & Medicines:

- Various eye drops are being available at HWCs functioning at health centres.

Retina Centre:

- One Retina Centre is functioning at Capital Hospital, Bhubaneswar.

Eye Banks / Eye Donation Centres:

- At present seven nos. of Eye Banks (3- old Govt. MCHs, 1-RGH & 3-NGO/Pvt.) are functioning in the State
- Another six Eye Banks one each at PRM MCH, FM MCH, SLN MCH, BB MCH & Capital Hospital- establishment in process
- Six nos. of Eye Donation Centres (2-Govt. & 4-NGO) are functioning in the state

Training:



- Ophthalmic Surgeons have been sent inside and outside the State for training in sub-specialty in micro surgery like Phaco, Glaucoma, SICS, ECCE, Oculoplasty surgery and Medical Retina & Laser Technique etc.
- Refresher training is being imparted at Medical College level to the Ophthalmic Assistants & Staff Nurses for providing better service.

Manpower:

- 02 nos. of contractual Eye Surgeons are engaged.
- 115 nos. of contractual Ophthalmic Assistants have been posted at districts.
- 9 nos. of Counselors have been posted in Eye Bank & Eye Donation Centres established at Cuttack, Ganjam, Khurda & Sambalpur for carrying out Eye Donation activities.

IEC:

- Every year Eye Donation Fortnight (from 25th August to 8th September) is being organised in the districts having eye banks to enhance eye donation activity and public awareness in the community.
- World Sight Day (2nd Thursday of October and the full month) is being done at state and district level.
- World Glaucoma Week (3rd week of March) is being observed every year.
- The above three event are being observed to aware the general public regarding various eye problem, its eradication and Govt. free services available.

4.19 Bio- Medical Waste Management

Biomedical Waste (M&H) Rules 1998 was implemented in Odisha since the year 2000. From March 2016, New BMW (Management) Rules, 2016 is being implemented across 1821 Hospitals (MCH/DHH/SDH/CHC/UCHC/PHC/UPHC/OHs). State Govt. provides funds for outsourcing of BMW, logistics and consumables, training, Immunization, equipment & instruments, liquid waste management and outsourcing of dedicated HR at SDH & CHC for BMW work.

1. Five Major achievements of the Department in the last two decades:

a. Authorization of Govt. HCFs: The details of authorization of Govt. HCFs year wise as follows:

Sl. No.	Year	HCFs under authorization administration	Sl. No.	Year	HCFs under authorization administration
1	2011	129	7	2017	1207
2	2012	220	8	2018	1232
3	2013	278	9	2019	1761
4	2014	324	10	2020	1787
5	2015	549	11	2021	1808
6	2016	1157	12	2022	1821

b. Construction of Storage cum Equipment room at PHCs: There was no such provision of storage room at PHCs as per the point 4 (b) of Biomedical Waste Management Rules 2016 till the FY 2020-21 for which a budget of Rs. 103.764 crore have been provisioned to PR & DW dept. in FY 2021-22 for construction of the same. Further Rs. 24 crore had been sanctioned in FY 2022-23 for three phase electricity connection to the newly constructed rooms which is further allocated to concerned districts in 2023-24.

- c. **Construction of Storage cum Equipment room at CHC& UHCs:** Like PHC, in CHC & UHCs are also not having dedicated storage cum equipment room as per the point 4 (b) of Biomedical Waste Management Rules 2016 till the FY 2021-22 for which a fund of Rs. 57.15 have been approved for the same to be executed by Works department & accordingly a fund of Rs. 15.64 crore had been released to different districts in FY 2022-23 & the rest amount of Rs. 41.51 crore allocated to different districts in FY 2023-24.
- d. **Establishment of ETP & STP:** Since inception of Biomedical Waste Management & Handling Rules 1998, only 7 HCFs were having STP facility for which in FY 2022-23 the same had been assigned to Works Dept. to execute the work with a tentative estimate of Rs. 1813.54 crore. Out of which Rs. 211.68 core have been already provisioned to different DHHs to establish the same in FY 2022-23 for which the CE (Buildings) already floated the tender for 21 DHHs & rest are in process. Detailed status as follows:

Sl. No.	Description	Nos.	Remarks
1	AA accorded	21	Tender floated by the CE (Buildings)
2	Estimate under preparation and will be submitted soon	4	Capital Hospital, BBSR; Puri, Rayagada, Jagatsinghpur
3	Already Constructed	1	Kendrapara
4	Not to be taken up by Works dept.	1	Angul
5	With in scope of new DHH	5	Boudh, Sonapur, Deogarh, Bhadrak, Jeypore.
TOTAL		32	

- e. **Barcoding:** Barcoding system for monitoring the waste from collection till disposal & tracking the vehicles through GPS. An estimate amounting Rs. 19.87 crore projected for implementation of Barcoding at all level of HCFs up to PHC. Rs. 2.366 crore has been provisioned for DHH, SDH, UCHC & some of the UPHCs initially in 2022-23 for procurement of hardware for Barcoding implementation. Further, in FY 2023-24 the rest fund i.e. Rs. 17.5345832 crore allocated to different districts in 2023-24 to procure the hardware & implement the same up to PHC level.

2. Awards received

2413 hospitals have received Kayakalpa award in 2022-23.

887 hospitals have received Kayakalpa award in 2021-22.

586 hospitals have received Kayakalpa award in 2020-21.

337 hospitals have received Kayakalpa award in 2019-20.

186 hospitals have received Kayakalpa award in 2018-19.

91 hospitals have received Kayakalpa award in 2017-18.

20 hospitals have received Kayakalpa award in 2016-17.

3. **Evolution of Budget:** If we see the budget provision for last 5 years it is gradually increasing from year to year as follows:

Sl. No.	FY	Budget for BMW (In crores)
1	2018-19	6.84
2	2019-20	9.45
3	2020-21	9.45
4	2021-22	123.204
5	2022-23	272.70

6	2023-24	205.0525
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4.20 National Programme for Prevention and Control of Fluorosis (NPPCF)

- National Programme for prevention and control of fluorosis(NPPCF) has been implemented in a phased manner in three districts namely Nayagarh, Angul&Nuapada since 2008-09.
- Surveys for detection of dental and skeletal fluorosis cases conducted in different selected villages. Free Drugs and treatment are being given for these identified cases.
- Lab services made available at district level to detect the flouride content of water and urine. IEC/BCC activities conducted in the villages/blocks of the district to upscale awareness in the community.
- Inter-sectoral convergence done with related departments like Rural Development, H & UD & PRI etc.

CHAPTER 5

Directorate of Family welfare

5.1 Reproductive Health

During 2023-24, efforts were concentrated on enhancing integrated Reproductive Health services through regular reviews and supportive supervision. Significant initiatives were undertaken to restore Family Planning services, with a focus on making reversible contraception methods accessible through ASHAs. Periodic reviews and improved commodity availability led to increased utilization of all Family Planning methods. (Refer to table below for statistics).

FP Methods	2019-20	2020-21	2021-22	2022-23	2023-24 (up to Dec 23)
Female Sterilization	50104	54353	82152	92529	50071
Male Sterilization	939	719	991	1537	1307
IUCD	176885	184456	153698	141382	122811
OCP	95230	139980	133919	155294	112005
Injectable	17615	32053	46759	79484	112454
Centchroman	3902	17260	138663	218245	179068
Condom	95919	111226	117964	146472	108411

In addition to the planned activities for 2023-24, a few extra activities were scheduled for the year, outlined below:

Involvement of GKS/ VHSNC for strengthening male engagement in family planning: To enhance male involvement in family planning, GKS level meetings will serve as platforms for community mobilization and awareness activities, including sessions and IEC/BCC initiatives, in 20% of identified GKS statewide. MPHWM will utilize these meetings and other platforms to motivate and mobilize male clients for sterilization, with each Male Health Worker incentivized with Rs.750/- for motivating at least 5 clients for vasectomy.

Provisioning of Condom Boxes in FRUs, HWCs, CHC, DHH, SDH, UCHCs and UPHCs: Condom boxes are made available to each FRU, UPHC and UCHCs for promoting use of condoms while maintaining anonymity of client..

Strengthening FP LMIS and ASHA level roll out of FPLMIS: To ensure uninterrupted supplies of FP commodities multiple reviews and reorientation meetings has been completed for FPLMIS which will be supplemented by ASHA level training on FPLMIS.

State Initiatives & Innovation: To encourage modern contraceptive use, the State implemented various initiatives such as deploying IEC Vans in 10 aspirational districts, organizing village-level, Saasu – Bohu sammelani, and distribution of Nayi Paheli Kits to newly married couples statewide to promote birth spacing.



- Urban BBSR 4 Batches of IUCD Training for Staff nurses and ANM has been conducted and FDS has been initiated in 4 UCHCs.

Observation of World Population fortnight 2022 (27 June- 24 July): The state observed "World population fortnight 2023 from 11th July to 24th July 2023. This year special emphasis was given in spreading awareness about the Basket of Choices with a special emphasis on Newer Contraceptives. State level Observation was done. The Family Welfare Cell facilitated the development of district-level guidelines, IEC microplans, and Mass Media plans. Furthermore, a monitoring plan was developed to oversee service provision and quality assurance activities during WPD 2023. Additionally, a comprehensive book on Family Planning services was launched on the observation day.

Observation of World Vasectomy fortnight 2023 (21st Nov- 4 December): During World Vasectomy Fortnight 2023, observed from November 21st to December 4th, a state-level event was held at the Combined Conference Hall. The event, chaired by the Director of Family Welfare in which vasectomy prize winners from districts were felicitated. The Family Welfare Cell facilitated the development of district-level guidelines, IEC microplans, and Mass Media plans. Additionally, it coordinated State and district-level celebrations for World Vasectomy Day, and established a monitoring plan to oversee service provision and quality assurance activities throughout World Vasectomy Fortnight 2023.



State Level Launching of FP 2030 vision and newer contraceptives: On December 6th, 2023, a State-level event titled "Launching of FP 2030 Roadmap and Newer Contraceptives" was held. Dr. Brundha D, IAS Mission Director NHM Odisha, Dr. Bijaya Kumar Panigrahy, Director of Family Welfare, Odisha, and Andrea M. Wojnar, UNFPA representative India & Country Director Bhutan, chaired the event. In line with India's FP2030 vision, Odisha introduced a FP2030 roadmap and two newer contraceptives: subdermal implants (single rod) and subcutaneous injectable contraceptives (Antara).



Roll out of Newer Contraceptives: The subdermal implant will be implemented in Medical colleges and District Headquarter hospitals in Ganjam & Cuttack. 17 service providers have been trained, 1978 health care providers were oriented and 5361 ASHAs were sensitized from both the districts and 401 clients have received implants.

The subcutaneous injectable contraceptive (Antara) is introduced in selected facilities in Gajapati and Balasore districts. 66 service providers have been trained, 1295 health care providers were oriented from both the districts and 15 clients have received SC MPA.

Family Planning Review: A one day state level FP and FPIS review was conducted at Hotel Sutrupti from 18th-20th Oct'23. Detailed district wise review was conducted and low performing districts were given timeline with expected level of achievements and was reviewed in the month of Feb'24 by AD MH & FW.

5.2 MATERNAL HEALTH

- **First Referral Unit: 80 FRUs** are providing C section services out of 94 FRUs. Specialist manpower with Blood Banks in 50 facilities and Blood Storage Units in 42 facilities are functional in the State.
- **LSAS & EmOC:** 82 LSAS trained doctors & 5 nos. of EmOC trained doctors are posted in FRUs and providing Comprehensive Emergency & Obstetrics care services.
- **Delivery points:** The State has prospective target of 1190 delivery points of which **486** institutions are already functional and steps are being taken for functionalizing remaining DPs. Alongwith 486 delivery points, another 4 Medical Colleges are also providing delivery services.
- **Janani Surakya Yojana (JSY):** JSY have been instrumental in increasing the institutional deliveries. Under this scheme the beneficiary is provided incentive of Rs. 1400/- and Rs. 1000/- for delivery in Rural & Urban area respectively. The scheme is applicable for all deliveries in public health facilities and JSY accredited private health facilities. As per NFHS-5 Institutional Delivery is 92%, which has increased from 82% in NFHS-4 (2015-16). Total **4,21,699** number of beneficiaries have been benefitted under JSY (during 2023-24).
- **Janani Shisu Surakhya Karyakram (JSSK) –** Free services which include free drug, blood, diagnosis, diet & referral services are provided to all pregnant women and sick newborn and infants (upto 1 year) through implementation of Janani Shisu Surakhya Karyakram at public health facilities. 4,64,057 nos. of pregnant women have received various JSSK entitlements during 2023-24 (up to 3rd quarter).
- **Skilled Attendant at Birth (SAB)** training is given to the Paramedics and AYUSH doctors to augment the institutional delivery (Public Facilities) and Home Deliveries in hard to reach areas. During 2023-24 (up to 3rd quarter), 4,45,708 nos. of deliveries have been conducted / assisted by SAB trained service providers in the State .
- **Maternal Death Review (MDR) committees** have been formed at State and district level to review the maternal death. During 2023-24, **296** nos. of maternal deaths have been reported by August 2023 (MDR Report) and out of that **212** nos. of death have been reviewed by CDM&PHOs of the district. During last five year maternal deaths reported are mentioned below:

Year	No. of Maternal Deaths
2019-20	752
2020-21	751
2021-22	684
2022-23	786
2023-24 (till Aug 23)	296

- **Comprehensive Abortion Care (CAC):** In the State, 329 facilities are providing Comprehensive Abortion Care services where there is availability of equipments, drugs and trained doctors, and are providing services along with counseling & post abortion contraceptive services.
- **Village/ Urban Health Sanitation & Nutrition Day:** Fixed day Health & Nutrition day (VHSND / UHSND) is being organized every Tuesday / Friday at village Anganwadi centers. So far 99% of VHSND/ UHSND Sessions have been organized against the target during 2023-24. Also in hard to reach areas special VHSND and RI Sessions are held to address all left out and drop out cases.
- **LaQshya:** Under this programme the LR & MOT will be standardized for providing quality care services. This activity aims at improvement of infrastructure providing respectful maternity



care and ensuring regular supplies to labour room & Maternity OT. The target is set to standardize all Medical Colleges & FRUs in the State in phased manner. By February 2024, 24 nos. of OTs and 25 LRs have been certified from National Level.

- **Obstetric HDU& Hybrid ICU:** For providing critical care for obstetrics cases, 5 High Dependency Units in 5 DHHs (Kandhamal, Kalahandi, Keonjhar, Dhenkanal and Capital Hospital) and 2 Hybrid ICUs in MCH MKCG, Berhampur & MCH SCB Cuttack are functional. Till date 7 nos. of doctors and 11 nursing officers have been trained from different HDUs in 2 batches in specialized HDU training at PGIMER, Bhubaneswar.
- **Maternity Waiting Homes (Maa Gruha)** The Maa Gruhas are established near to delivery points to accommodate the expected delivery cases from difficult geographical pockets at least before 7-10 days of Expected Date of Delivery for having safe institutional delivery. Maa Gruha not only provides facilities of temporary rest shed but also a home with counseling services to mothers on personal hygiene, family planning measures and new born care etc. Currently out of 93 State target, all the 93 are functional.
- **Initiatives for Anaemia Control:** About 4.4 Lakhs Pregnant women are covered during 2023-24 (Upto Dec 2023) for IFA and calcium tablet supplementation. Inj. Iron sucrose, Inj. FCM & Blood transfusion services are made available at Institution level for pregnant women with severe anemia. One time de-worming of all pregnant woman ensured during pregnancy in second trimester.
- **PMSMA and extended PMSMA:** This programme focused on screening of antenatal cases by doctor preferably O&G specialist at least once during 2nd or 3rd trimester. This activity is implemented on 9th of every month on fixed day basis. During the year 2023-24 (Upto Feb 2024) 3,05,217 nos. of antenatal cases have been screened. 51,114 nos. of high risk cases has been detected who were given Red Card. Under extended PMSMA, the identified high risk cases gets specialized treatment for another 3 visits accompanied by ASHA and for which the beneficiary is provided mobility cost for 3 visits. This has improved the management and treatment of high risk cases.
- **SUMAN:** Surakshit Matritva Aswasan (SUMAN) is a programme which has been implemented with the aim to provide assured, dignified, respectful and quality health care at no cost and zero tolerance for denial of services for every pregnant woman newborns and all mothers upto 6 months post-delivery cases visiting the public health facility in order to address all preventable maternal and newborn deaths and morbidities and provide a positive birthing experience. Out of the prospective target of 1907 facilities for notification under various SUMAN packages viz SUMAN Basic, SUMAN BEmOC & SUMAN CEmoNC, by February 2024, 1785 nos. facilities have been already notified by the respective DQACs for providing services as per SUMAN service package.
- **Center of Excellence for Maternal Health and SUMAN:** The Center of Excellence for Maternal health and SUMAN is established at O & G Department of SCB MCH which is providing technical support to the FRUs by providing mentoring support through trained mentors. There are 57 mentors working with CoE for different FRUs in the State and provide hands on mentoring to the service providers at the Labour Room, ANC and PNC wards.



5.3 Child Health

With a SDG goal of reaching an under five mortality rate of 25 per 1000 live births by 2030, Odisha is marching towards reduction of its mortality rates in children under five years of age. In the last decade, the U5MR of Odisha has

reduced by 33 units from 72 in 2011 to 39 in 2020 as per SRS reports. This decline is higher than the National decline of 23 units in the last 10 years (SRS 2011-2020). Currently, the infant mortality rate (IMR) of Odisha is 36 per 1000 live births and that of India is 35 per 1000 live births against the National IMR of 28 per 1000 live births and the neonatal mortality rate (NMR) of Odisha is 28 per 1000 live births against the National NMR at 20 per 1000 live births (SRS 2020). Although the decline in IMR & U5MR is appreciated, the rate of decline in the neonatal mortality rate of Odisha remains to be a major concern.

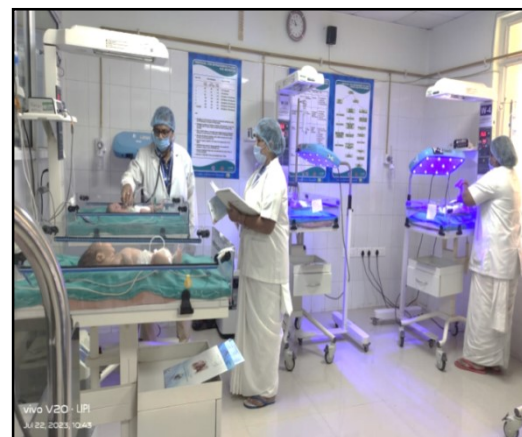
In view of an accelerated reduction of NMR and U5MR as a whole, several interventions have been undertaken in the State through NHM. A brief of the same is delineated below:

- **New Born Care Corner (NBCC):**

The State has established 530 newborn care corners at functional delivery points, i.e. both at labour rooms and maternity OTs for providing essential newborn care & resuscitation and thereby preventing mortality & brain damage immediately after birth. In the last 5 years, the State has a similar trend in the NBCCs, with about 7-8% live births resuscitated and 4-5% live births referred to higher centres for appropriate treatment in a year.

- **New Born Stabilization Units (NBSU):**

For treatment of moderately sick newborns & low birth weight newborns and for stabilization of sick newborns prior to referral, the State has established 49 Newborn Stabilization Units and 24 NBSUs are under the process of establishment, one NBSU of Bolangir SDH Patnagarh is going to be upgraded to SNCU. In the last 5 years, although the overall admission of newborns in the NBSUs has declined, the proportion of newborns successfully discharged from NBSUs has increased from 68% in 2017-18 to 73% in 2023-24 till Dec. '23. The proportion of referrals from NBSUs to higher centres for appropriate treatment is 24%.

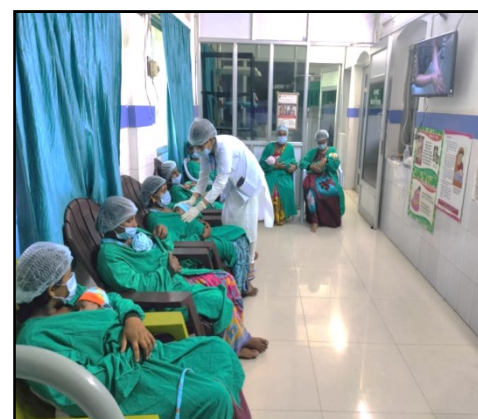


- **Special Newborn Care Units (SNCU):**

Currently, the State has 44 functional Special Newborn Care Units (SNCU) (out of 45 planned) at different medical college & hospitals, district headquarter hospitals and sub-divisional hospitals for treatment of severely sick newborns. In the last 5 years, the overall admissions in SNCUs in the State have increased from 46538 in 2017-18 to 53256 in 2023-24 till Dec. '23. Also, the proportion of newborns successfully discharged from these units has increased from 72% in 2017-18 to 81% in 2023-24 till Dec. '23 and the referrals have gone down from 14% to 10% in the last 5 years.

- **Kangaroo Mother Care (KMC) Units:**

KMC units have been established in all 44 institutions adjoining the SNCU and 31 high case load NBSUs for providing Kangaroo Mother Care to low birth weight & sick newborns, i.e. for maintenance of warmth and promotion of early initiation of breastfeeding through skin-to-skin contact with special focus on preterm, LBW and sick newborns. Another 28 KMC units have been planned to be established during 2023-24. During 2017-18 to 2023-24 till Dec. '23, the proportion of LBW admissions in SNCUs receiving KMC has gone up from 33% to 66% in the State.



- **Home based new born care (HBNC):**

All ASHAs have been trained for making home visits to newborns for early identification and referral of newborns with danger signs and providing counselling to caregivers on home based newborn care. Under HBNC, 89% of all live births are visited by ASHAs and the proportion of newborns receiving six visits against newborns visited has gone up from 92% in 2017-18 to 97% in 2022-24 till Dec.23.

- **Intensified Diarrhoea Control Month (IDCM):**

An intensified diarrhoea control fortnight is held every year from 2015 during the monsoons, where prophylactic dose of ORS is distributed to each under five child in order to prevent any death due to childhood diarrhoea. However, during 2018, the campaign was modified to cover each household and a prophylactic ORS packet was distributed by ASHA to each household for prevention & control of diarrhoea in both adults & children. During the campaign, ASHA made home visits to each household in her area and counselled the mother/caregiver on preparation of ORS with demonstration, danger signs and when to seek help in case of an incidence of Diarrhoea. Besides, ORS corners are established at all facility level to address any diarrhoeal case as well as counsel parents/caregivers on ORS preparation & treatment and a special zinc awareness campaign was taken up to increase the utilisation of zinc during diarrhoea. While 3069602 under five children were covered in 2017-18, 3535572 U5 were covered in 2023-24. The proportion of U5 who were distributed with prophylactic ORS has increased from 84% in 2017-18 to 98% in 2023-24.



- **National Newborn Week (NNW):**

A week of dedicated IEC activities was carried out during November 15th to 21st each year for awareness generation on newborn care at home. Besides, all newborns are screened at delivery points and medical colleges and home visits to all newborns by ASHAs. While 9264 newborns were visited by ASHA during the week in 2019-20, 39232 were visited by ASHA during the week in 2023-24.

- **India Newborn Action Plan (INAP):**

Under the India Newborn Action Plan (INAP), all newborns are to be administered with Vitamin K1 for preventing the newborn deaths occurring due to vitamin K deficiency bleeding disorders and administration of antenatal corticosteroids to all pregnant women identified with preterm labour is done in order to prevent newborn deaths occurring due to respiratory distress syndrome. Administration of Vitamin K to newborns has increased from 67% in 2017-18 to 95% in 2023-24 till Dec.23. Similarly, administration of antenatal corticosteroids to mothers with preterm labour has increased from 7% in 2017-18 to 34% in 2023-24 till Dec.23.

- **Home Based Care for Young Children (HBYC)**

All ASHAs have been trained for making home visits to all young children for early identification and referral of newborns with danger signs/ development delays/ SAM and providing counselling to caregivers on home based care of young children, appropriate feeding practices, ORS & Zinc therapy and IFA supplementation. The implementation of HBYC programme started in 2019-20 in the State in 14 districts which was later scaled to all 30 districts. In 2019-20, 102657 children were visited of which 8% children were identified as sick and 93% of them were referred. In 2023-24 till Dec.23, 1566677 children were visited, of which 2% were identified as sick and 83% of them were referred.

- **Childhood Pneumonia Management Programme: Social Awareness and Action to Neutralize Pneumonia Successfully (SAANS)**

SAANS programme was rolled out in 2020-21 on World Pneumonia Day on 12th November, 2020 by the Additional Chief Secretary, H&FW Deptt., Govt. of Odisha. Under this programme, all doctors and Staff nurses have been trained on standard facility based management protocols for management of childhood pneumonia. Besides, an extensive IEC campaign is carried out every year from 12th November to till the end of February. All ASHAs and ANMs have also been trained on early identification and prompt management of childhood pneumonia cases. In the last 5 years, the number of under-five pneumonia cases reported in the State was 12759 in 2017-18 and 27330 in 2023-24 (till Dec. '23). Campaign for the year 2023-24 is continuing from 12 Nov, 2023 to 29 Feb, 2024. Reporting of U5 pneumonia cases has improved after conducting SAANS Campaign.

- **Child Death Review (CDR):**

Child death review has been implemented in the state during 2015-16 under which committees have been formed at State and District level for detailed review and analysis of each under five child death and taking necessary corrective actions. The total no. of under-five child deaths in the State shows a declining trend, with 16077 deaths in 2017-18 and 6533 deaths in 2023-24 till Sep. '23. The proportion of U5 deaths reviewed has increased from 82% in 2017-18 to 83% in 2023-24 (up to Sep, 2023) and the proportion of neonatal deaths reported shows a decline from 61% to 59% in the last 5 years.



- **Emergency Triage Assessment & Treatment (ETAT) units:**

Under NHM, Paediatric ETAT units are now being established at each DHH level in the emergency or near the ward for triaging of patients and for providing emergency & immediate care to severely ill children. The State has planned to establish 32 ETATs, i.e. one in each of the district headquarters hospitals.

- **Paediatric Hybrid Intensive Care Units & Paediatric Intensive Care Units (PICU):**

The State has also established 4 PICUs at Medical College & Hospital level for treatment of very sick children. Besides, under ECRP-2, the State is now establishing a 12 bedded hybrid ICU (HDI+ICU) at 29 DHHs & SVPPGIP in the State for treatment of very sick children and Paediatric ward bed in all the 32 DHHs are being oxygen supported. Out of which 25 Hybrid ICUs are functional.

- **Capacity building** of Specialists, MOs, Nursing Officers and Health Workers involved in Newborn & child care is being done from time to time to ensure quality service delivery.
- **Centre of Excellence:** SVPPGIP Cuttack is functioning as the CoE for Newborn & Child Health.

5.4 Rashtriya Bal Swasthya Karyakram (RBSK)

Rashtriya Bal Swasthya Karyakram (RBSK) was rolled out in Odisha by Honourable CM at Baripada on 1st March-2014. The objective of the programme is to screen the children at early stage and provide complete treatment. Under this programme, 40 identified health conditions are to be addressed through '4D' approach which includes **Defect at Birth, Deficiencies, Childhood Disease and Developmental Delay & Disabilities**. Under this programme, 630 number of Mobile Health Teams are functional for screening of 93.34 Lakh 0-18 years age group.

Screening of Children at AWC & Schools:

- During the Year 2023-24, 92.80 Lakh children have been screened by MHT out of targeted 93.34 Lakh children. After covid pandemic situation in 2020-21 & 2021-22, RBSK screening activities at AWC & Schools at rural & urban areas has been reinitiated in full phase.

Screening of New Born at Delivery Points:

- New born screening of visible birth defects continuing at Delivery Points by the service providers. During the year 2023-24, 322732 new born have been screened at delivery points and 4917 number of children have been identified with congenital birth defects.
- For early identification and timely intervention, New Born hearing screening is continuing in 30 DEICs of the State. All SNCU admitted babies and High risk new born at District Head Quarter Hospital are screened by DEIC. During the year 395 new Born have been identified with hearing defect and provided required follow up therapy by DEIC.
- To prevent Retinopathy of Prematurity related blindness, regular ROP screening sessions conducted at 10 Health facilities. During 2023-24, 1972 number of sick new born are screened and 137 numbers of identified babies are provided laser therapy to prevent blindness.

Early Intervention & Therapeutic services at District Early Intervention Centers :

- For treatment of Birth defect children, therapeutic intervention for Developmental Delay and children with impairments, DEIC is established in 32 District Head Quarter Hospitals of the State. During the year, 4917 children with birth defect are provided referral treatment and 61854 children are provided early intervention services at DEIC.

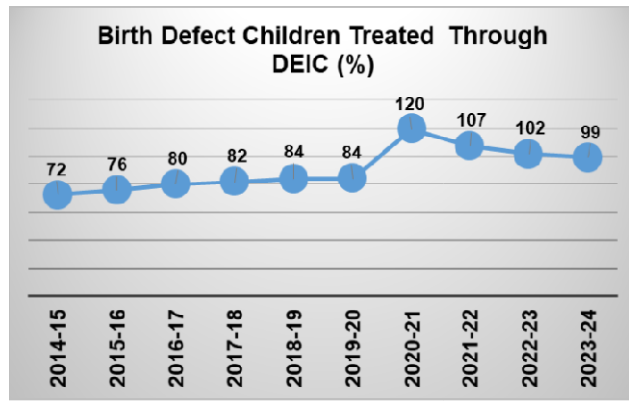
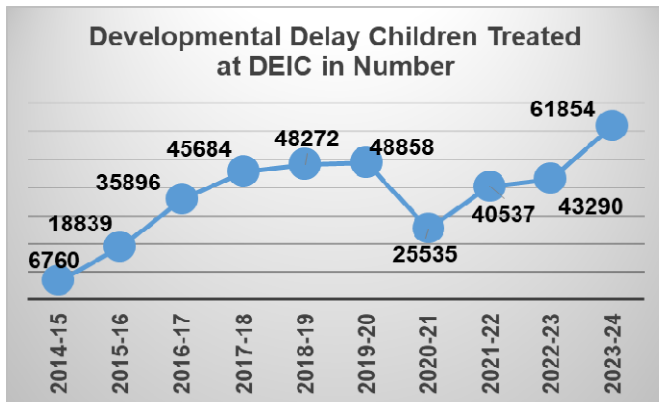
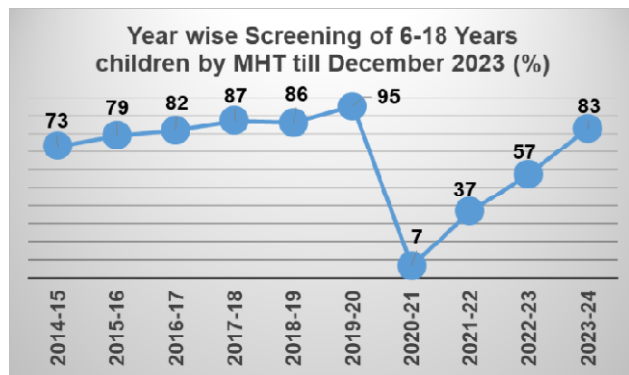
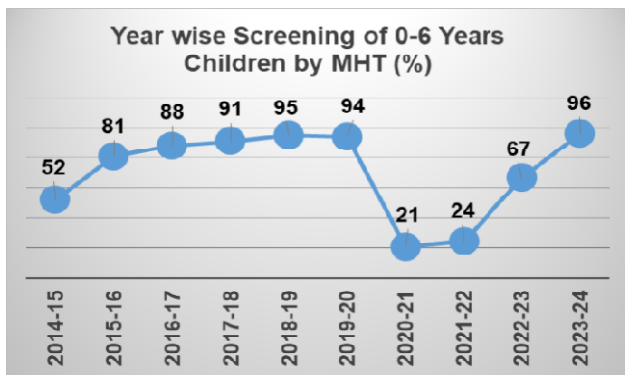
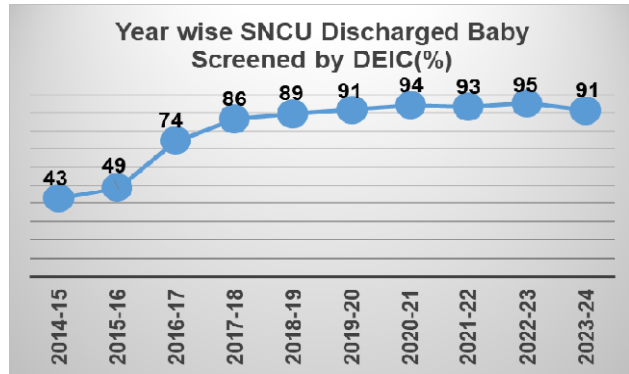
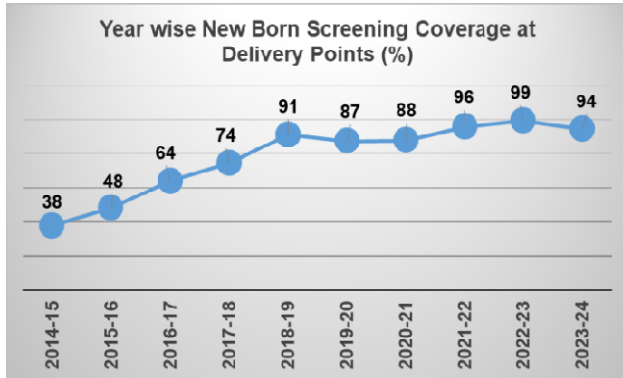
Major Health Conditions treated under RBSK during the year is as follows.

Major Health Condition	Achievement during 2023-24 (Upto December 2023)
NTD	38
Down Syndrome	446
Cleft Lip & Palate	417
Congenital Cataract & other Eye defects	675
Club Foot	506
Hearing Impairment	628
CHD	558
Other Surgeries	227
Retinopathy of Prematurity	137
SAM children referred to NRC	4315
Developmental Delay	61854

Tie Up with Different Institutions for Treatment of identified children:

Health Condition	Name of the Institution tied up
Neural Tube Defect	SCB MCH, Cuttack, SVPPGIP, Cuttack & AIIMS, BBSR
Cleft Lip & Palate	SCB MC&H, MKCG MC&H, AIIMS and Five Smile train empanelled hospitals
Congenital Cataract	LVPEI, BBSR
Hearing impairment	Ali Yavar Jung National Institute for Hearing Handicapped, Janala
Congenital Heart Disease	SCB MC&H, Capital Hospital, BBSR, Narayana Hrudayalaya, Mission Hospital, Durgapur & Sathya Sai Heart Hospital, Ahmadabad & Hitech Hospital, BBSR
Club Foot	Cure International Trust
RoP	LVPEI, BBSR
Other Surgery Cases	SCB MCH, VSS MCH, MKCG MCH , SVPPGIP & AIIMS, Bhubaneswar
Capacity Building of DEIC Staff	NIMHANS, Bangalore

Year Wise Achievement trend of different Indicators under RBSK :



5.5 Rashtriya Kishor Swasthya Karyakram (RKSK)

RashtriyaKishorSwastyakaryakram (RKSK) expands the scope of preceding ARSH programme, through identification of six priority areas viz. Nutrition, Mental Health, Substance abuse, Injuries and Violence, Prevention of Non- Communicable diseases and Sexual and Reproductive Health. Capacity building of service providers in these six thematic areas is vital for effective and successful implementation of RKSK programme.

The program focuses on adolescents belongs to age groups 10-14 years and 15-19 years with universal coverage, i.e. males and females; urban and rural; in school and out of school; married and unmarried; and vulnerable and under-served.

The program implemented under RKSK are as follows:

- Peer Education:**Community based interventions that focus on peer education for establishing direct communication platforms such as (quarterly adolescent health day, weekly, and monthly adolescent health sessions and establishing convergence with other programs) with target adolescents on regular basis. The peer education program aims to ensure that target adolescents benefit from regular and sustained peer education sessions covering the six identified health issues (nutrition, sexual and reproductive health, conditions for NCDs, substance misuse, injuries and violence including gender based violence and mental health). This is eventually expected to improve life skills, knowledge, and aptitude of adolescents.



The programme implemented in 6 districts (Dhenkanal, Bolangir, Koraput&Bhadrak, Mayurbhanj&Boudh)of Odisha. Out of total 44656 Peer Educators, 16036 New Peer Educators trained in 2023-24

- Adolescent Health Day(AHD) :**

The objectives of Adolescent Health Day (AHD) are:

Improve coverage with preventive and promotive interventions for adolescents. Increase,awareness amongadolescents and stakeholders on adolescent health needs, increase awareness among adolescents about the determinants of adolescent health such as nutrition, SRH, mental health, injuries and violence (including Gender Based Violence - GBV), substance misuse and conditions for Non-Communicable Diseases (NCDs) &Improve awareness of other Adolescent Health related services, in particular Adolescent Friendly Health Clinics (AFHCs)/Shraddha clinics.



AHDs organised by ANMs with the help of ASHA, AWW & PEs focusing on activities like sharing **Information on** Nutrition,SRH,Mental Health,GBV&NCDs, provision of **Commodities** like Sanitary Napkins,IFA,Albendazole& contraceptives and different **Services like**General health check-up, (BMI& anemia),Referral to SHRADHA clinics (for counseling and clinical services).

Currently the program implemented in all villages of 6 districts (Dhenkanal,Bolangir, Bhadrak ,Koraput, Mayurbhanj&Boudh) and indifferent villages under HWC sub centers of other districts. In 2023-24 , 40922 AHDs organized up to December 2023.

- **Menstrual Hygiene Scheme (MHS):** The MHS program aimed at promotion of menstrual hygiene among adolescent girls aged (10-19 years) in rural areas to increase awareness among adolescent girls on menstrual hygiene, build self-esteem, and empower girls for greater socialization, to increase access to and use of high quality sanitary napkins by adolescent girls in rural areas, and to ensure safe disposal of sanitary napkins in an environment friendly manner. Currently the program implemented in all 30 districts.

The channel of interventions is mainly through social marketing of sanitary napkins by ASHA. Adolescent girls can purchase sanitary napkin (Rs.6/-pkt) from ASHA. In Odisha the sanitary napkin packet branded as “Khushi”. Total 354803 out of school adolescent girls targeted under the programme and distributed sanitary napkins through AHSA.

The Weekly Iron and Folic Acid Supplementation (WIFS) program involves the administration of supervised Weekly Iron-folic Acid Supplements of 60 mg elemental iron and 500 mcg Folic acid using a fixed day approach for school and non school going adolescents respectively, screening of target groups for moderate/severe anemia and referring these cases to an appropriate health facility, biannual de-worming (Albendazole 400mg) for control of helminthes infestation, information and counseling for improving dietary intake and for taking actions for prevention of intestinal worm infestation.

- The IFA distributed at all schools and AWC on weekly basis.

WIFS Coverage in %	2023-24 (up to Dec-23)
Girls & Boys (6th -12th) provided 4 IFA tablets in schools Total Beneficiaries : 3099710	83%
Number of out of school adolescent girls (10-19 years) provided 4 IFA tablets at AWCs Total Beneficiaries : 812568	60%

- **Adolescent Friendly Health Clinic:** The facility level interventions are mainly linked to strengthening of adolescent friendly health clinics (designated as Shraddha clinics in Odisha). The shraddha clinics provides counseling and curative services at primary, secondary and tertiary levels of care on fixed days and fixed time with due referral linkages. The three key functions of the clinics are availability of commodities (WIFS tablet, albendazole, sanitary napkins, non-clinical contraceptives and medicines), information sharing and counseling on six identified health issues of adolescents through behavior change communication tools and curative services.

251 Shraddha clinics are Operational covering all 30 districts in DH, SDH and some designated CHC level. At District Hospitals the Shraddha clinics clubbed with Integrated Counseling Centre. 1, 66,845 adolescents got registered at Shraddha clinics up to Dec. 2023.

- **School Health Programme Under AYUSHMAN Bharat:**

School Health programme is a joint initiative of Department of Health and Family Welfare and Department of School & Mass Education. Under the programme two teachers, preferably one male and one female, in every school designated as “Health and Wellness Ambassadors-HWA” and they are trained to transact health promotion and disease prevention information in the form of interesting activities for one hour every week in schools. The programme started from 2020-21 in phased manner. Program successfully implemented in 20 districts covering 17426 Schools. Total 302 batches of One day orientation of Head Masters/ CRCCs completed covering 17977 numbers of HMs, CRCCs and other officials of Health and Education. Total 1073 Batches of 5 Days

training of Teachers (HWA) Completed and 30439 HWAs trained up to 2021-22. In 2022-23 another 9970 schools targeted and 5 days training of Teachers (HWA) is completed.

Year	Total districts	Total School	Total HWA targeted	Total HWA trained
2020-21	10	8456	16912	14529
2021-22	10	8970	17409	15980
2022-23	10	9970	19940	18166

Currently the HWAs are taking classroom sessions in schools. One mobile application has been developed by Gol for tracking of sessions reporting at school level which is piloted successfully and under process for implementation.

5.6 Routine Immunization

Immunization is one of the most cost-effective interventions for disease prevention. Traditionally, the major thrust of Immunization services has been the reduction of infant and child morbidity and mortality. Vaccines in Routine Immunization are one of the most cost-effective health investments. The benefit of quality vaccination is not only in the prevention of diseases and disabilities but also the opportunity for a healthier & a more productive life. To maintain the quality of vaccination efficient supply chain management & Cold chain management is highly essential to ensure that cold chain equipment is functional, storage temperatures are correctly maintained & recorded and that adequate stock of vaccines & logistics are available & issued in time.

The State of Odisha has 1 State Vaccine Store, 9 Regional Vaccine stores & 32 District Vaccine stores & 1255 Functional Cold chain points across the State which targets to 9,34,255 Pregnant women & 7,92,356 infants through Routine Immunization. Every year, 3, 52,082 numbers of sessions are being conducted every year to vaccinate the target beneficiaries.

The State is providing immunization services to children & pregnant women to prevent 12 vaccine preventable diseases i.e. as per immunization schedule Govt. of India, through fixed immunization day approach (In Wednesday). In addition to this, integrated VHND & RI sessions are being conducted in identified hard to reach villages under SAMMPurNA strategy.

Major Achievements.

- No Polio Case reported since 2008 in Odisha
- Maternal & neonatal tetanus eliminated in 2014
- Pentavalent Vaccine has been introduced under RI in 2015
- Rota Virus Vaccine has been introduced under RI in 2016
- Inactivated Polio Vaccine has been introduced under RI in 2016
- MR campaign was conducted in 2018 and subsequently included in RI
- JE Vaccine introduced in 24 Districts since 2019-20
- IMI 5.0 has been conducted in all Districts of Odisha during the period of September to November 2023 and each round was held for 6 days including Routine Immunization day.
- As per NFHS-5 Survey, 90.5% full Immunization coverage has been achieved in the State.

National Cold Chain Management Information System(NCCMIS)-

Total Functional Cold Chain Equipment :-1232

No of Functional ILR(Cold Chain Equipment) :-2621

No of Functional DF(Cold Chain Equipment):-1751

Sickness Rate (Breakdown Rate) :- 0.2%

COVID-19 Vaccination Programme

- **1st Dose Achievement:-3,52,49,745 (96.8 %)**
- **2nd Dose Achievement:- 3,30,00,187 (90.6 %)**
- **Prec. Dose Achievement:- 1,31,89,191 (36.2 %)**
- **Total Covid-19 Vaccination: - 8,14,39,123**

Dedicated Power Supply under Routine Immunization Programme – 2023-24

- a. Uninterrupted power supply to 32 District Vaccine Store (DVS), 8 Regional Vaccine Store (RVS), State Vaccine Store (SVS) with power backup and 1232 Cold Chain Point.
- b. Maintenance of proper cold chain system.
- c. Proper vaccine and logistics supply chain management.
- d. Maintenance and repair of vaccine van.

Achievement :- One genset for State Vaccine Store, four nos. Genset for RVS and 31 Nos. of genset for DVS, 286 inverter and 154 Generators for Cold Chain Points, four servo voltage stabilizer for RVS and 380 low voltage stabilizer for Cold Chain point have been purchased and installed respectively and ongoing expenditure of electricity charges. Maintenance and repair of Vaccine Van, DOL for generator & AMC for repair of Generator will met for activities from this fund as when required in every year and installation of Genset for newly supply of WIC & WIF at SVS and 6 RVS level(Koraput, Ganjam, Sambalpur, Sundargarh, Balasore and Cuttack). Installation of Transformer for WIC Cuttack and Installation of WIC/WIF, Genset of State Vaccine store , Bhubaneswar. The money has been utilized for upgradation of Cold Chain points during COVID-19 vaccination.

5.7 NUTRITION

The state has been adopting diverse Nutrition program interventions are as mentioned below :

I. Promotion of Infant and Young Child Feeding practices for preventing under-5 child death (through community & facility based interventions by – Capacity building of ANMs/ASHA/AWW on IYCF/Mothers' Counselling on Breast feeding & Complementary feeding)

Facility /Community level initiative for various training and IEC activities are going on Under MAA Programme

- Initiation of Breast feeding within one hour of Birth
- Exclusive Breast feeding up to six months
- Complimentary feeding practices and age appropriate diverse foods from six months of age
- Continuation of Breast Feeding up to 2 years or more.

Coverage :

- 218 Master trainers are trained on MAA in 7 days state level TOT.
- 3623 Medical Officers, 140 Counsellors, 3091 Staff Nurses, 7336 ANMs and 34984 ASHAs were trained of Infant and Young Child Feeding practices and improved counseling skills.

National Iron Plus Initiatives

National Iron Plus Initiative (NIPI) programme, an anaemia control programme, has been implemented across the state by Health and Family Welfare Dept. in coordination with School and Mass Education Dept. (S&ME Dept.), Women & Child Development Dept (WCD Dept) and ST & SC Development Dept.

II. This programme is catering to the following beneficiaries:

- Children 6 months to 5 years age group: IFA syrup (1 ml contains 20 mg elemental iron and 100 mcg Folic Acid) are administered by ASHA bi-weekly (Tuesday & Friday).
- Children 6 to 10 years age group: WIFS Junior (Pink Tablets), IFA tablets (45 mg elemental iron and 400 mcg Folic Acid) are administered on Monday by teachers to children in class 1 to 5 at all Govt. & Govt. Aided schools.
- Adolescents (10 to 19 years age group):
 - For School going Adolescents: WIFS (Blue Tablets), IFA tablets (60 mg elemental iron and 500 mcg Folic Acid) are administered on Monday by teachers to adolescents in class 6 to 10 at all Govt. & Govt. Aided schools.
 - For Out of School Adolescent Girls: WIFS (Blue Tablets), IFA tablets (60 mg elemental iron and 500 mcg Folic Acid) are administered on Saturday to adolescents girls at Anganawadi Centres by AWWs.

State Coverage:

Year	Children 6-59 months	Children 5-9 yrs	Adolescent 10-19 yrs (In school)	Adolescent Girls 10-19yrs (out of school)	Source
2022-23	58%	80.5%	69.1%	56.3%	HMIS
2023-24 (upto Dec.)	70.3%	75.7%	83.1%	60.1%	HMIS

III. NRC / Facility based Interventions for management of Severely Acute Malnutrition (SAM) Children

- A Nutrition Rehabilitation Centre (NRC) is a unit for the management of severely acute malnourished children- Children admitted with defined admission criteria who are referred by from VHND and RBSK teams
- Children kept under observation and provided with medical and therapeutic care
- Focus on improving the skills of mothers on complete care and feeding.

State Coverage

Year	No. of NRC Functional	No. of Admission	Total Discharge	% of Recovery	% of Bed occupancy
2022-23	67	12780	11969	94%	83%
2023-24 (upto Dec.)	67	10195	9305	95%	87%

IV. Vitamin-A supplementation

Children of age group 9 months-5 years receive Vitamin – A supplementation biannually along with Routine Immunization in total of 9 doses are administered to the children <5.

State Coverage:

Year	1 st Round	2 nd Round
2022	98.9% (Feb. Round)	98.6%(Aug Round)
2023	99.3% (Feb. Round)	98.7%(Aug Round)

V. National Deworming Day (NDD):

The objective of NDD is to deworm all children in the age group of 1-19 years.

- The children/adolescent are administered with Albendazole at AWC and Schools to reduce Soil Transmitted Helminth infestation and Anaemia
- It is a fixed day approach with a mop up day to cover left outs due to absenteeism or sickness
- Started since February, 2016 & conducted biannually in February and August every year. In our State deworming of Women of Reproductive Age 20-24 years is also included to reduce anaemia since August-2023

State Coverage:

Year	1 st . Round	2 nd Round
2022	98.2% (Feb. Round)	98.3%(Aug. Round)
2023	97.8%(Feb. Round)	97.8%(Aug. Round)
2023(WRA 20-24years)		97.1%(Aug. Round)

AMLAN (Anaemia Mukh Laqkhya AbhiyaN):

Under this programme 1,37,28,755 beneficiaries are benefited which includes

1. 6-59 month children(56,35,731)
2. 5-9 years in school children (27,49,457)
3. 10-19years(36,06,571)
4. pregnant women (9,38,249)
5. lactating women (8,34,742)
6. women of reproductive age (19,64,005).

For implementation of the programme, six interventions like prophylactic Iron Folic Acid supplementation,T3 strategy, capacity building, year round Social Behaviour Change Communication (SBCC), Dietary diversity and treatment of non- nutritional causes of anaemia are undertaken.

Under this strategy

- The beneficiary category of Children 6 to 59 months, out of school Adolescent girls of 10-19 years, Women in Reproductive Age (WRA) 20-24 year, Pregnant Women and Lactating Mother are tested for haemoglobin estimation at their respective VHSND/UHSND.
- All students studying in class 1st to 12th in Govt and Govt. aided schools are tested for haemoglobin estimation at their respective schools.
- Those beneficiaries who are left out or belong to out of reach areas are tested in T3 camps, which is organized yearly twice at every CHC and quarterly once in every Districts.
- Based on the Hb test results, necessary therapeutic dose is administered/ referral is done to higher centre.
- If there is no anaemia, prophylactic dose is administered.
- Counseling & follow-up are undertaken.

Comprehensive Lactation management center (CLMC)

2 numbers of CLMC was set up in Capital Hospital, Bhubaneswar and SCB Medical College, Cuttack. CLMC is set up with collection, screening, processing, storage and dispensing facility of mother's milk to fulfill the feeding requirement of admitted sick babies. In the year 2022-23 154 liters of milk collected and dispensed to sick babies.

Lactation Management center(LMU)

- 19 nos Lactation Management Unit is being established in District Hospital/Medical colleges adjacent to functional SNCU having at least 12 beds where sick new-borns are admitted for medical management. The LMU is set up with collection and storage facility of mother's own milk to fulfil the feeding requirement of their own admitted sick babies. 10 LMUs are functional and another 9 LMUs will be functional by end of February-2024

5.8 SAMPurNA

Objective:

- The State aims to achieve an additional 30% decline of State Maternal Mortality Ratio (MMR) and Infant Mortality Rate (IMR) from the current rate of decline.
- Provision of good quality care to pregnant women & children for *their* survival by identifying high risk cases, referral and management.

Strategy :

1. **Reimbursement of transportation cost to pregnant women from difficult villages:** Provision of reimbursement of Rs.1000/- (Rupees one thousand) per pregnant woman from difficult villages towards transportation cost to nearest motorable point. **(Implemented from 23/09/2017): 1580** nos. of pregnant women were provided with transportation cost from difficult villages to motorable points from April 2023 to December 2023
2. **Drop Back incentive package to pregnant women & sick infant:**
Provisions of Rs.500/- towards assure drop-back Transport Services for Pregnant Women after Institutional Delivery & Sick Infants treated at Public Health Facilities. **(Implemented on Sept- 2018)**
 - a. **128417** nos. of pregnant women were provided with drop back cost after Institutional Delivery from April 2023 to December 2023.
 - b. **12410** nos of Sick Infants were provided with drop back cost for treated at Public Health Facilities from April 2023 to December 2023
3. **Disposable gowns:** Disposable gowns for pregnant women help in maintaining personal hygiene during delivery & utilized in the labour room. Total 70227 No. of disposable Gown distributed to pregnant women from April 2023 to December 2023
4. **Additional Incentive to LSAS & EmOC Doctors:** 249 LSAS & EmOC doctors received incentives from April 2023 to December 2023
5. **Free diet:** Free diet to pregnant mother including one attendant those who reside at maternal waiting home, also for children below five years.
6. **5,524** nos. of stretchers 20 nos. of Bike Ambulances are being operated in different districts in high terrain areas.
7. **Kelley's Pad-** The disposable Kelley's pad helps in preventing infection during delivery , **40819** nos. of Kelley's pad has been distributed to pregnant mother.

5.9 EQUITY & ADVOCACY

1. National Family Health Survey 5 has recorded an improvement in Gender indicators.
2. 40 officials including SPMU and Programme Officers have been trained on Gender Mainstreaming in Health with support from UNICEF, Odisha.
3. Guidelines and Protocols for victims / survivors sexual violence cases reprinted for circulation
4. Capacity Building Training of Doctors and Nurses, One Stop Centre Staff and Counsellors on Linkages of OSCs with Health, Protection, Legal aid and Shelter – Issues and challenges



5.10 Strengthening Implementation of PC & PNDT ACT

The National Family Health Survey reported a sex ratio at birth (SRB) of 894 girls per 1000 boys. This stood at 941 in 2011 census and 953 in the 2001 census and at 967 in 1991 census. Skewed sex ratios are already exerting their effect on gender relations. Sex-selective abortion or female foeticide has led to a sharp drop in the ratio of girls born in contrast to male child in some districts in Odisha. Ultrasound technology has made it possible for families to learn the gender of a foetus early in a pregnancy. With an objective to regulate use and prohibit misuse of technology, the Pre-Conception and Prenatal Diagnostic Techniques (PC & PNDT) Act 1994 and amended in 2003 is being used as an important tool for addressing sex selective eliminations, to prohibit and regulate the use of diagnostics techniques for sex determinations. Civil Registration System reflects, ten districts have low SRB. Nayagarh, Jagatsinghpur and Dhenkanal have a continuous low SRB over the past five years of Civil Registration System. Districts like Cuttack & Khordha have the highest concentration of USG Centres. Other five districts such as Jajapur, Bhadrak, Jharsuguda, Angul and Ganjam also have low SRB than that of the state average over the past five years of Civil Registration System.

Pre-Conception and Pre-Natal Diagnostic Techniques (PCPNDT) Act, 1994 with Rules made thereunder is an Act of the Parliament of India enacted to safeguard the girl child, to stop female foeticide and arrest the declining sex ratio in India. The State Government has taken the following steps for effective implementation of Pre-Conception & Pre-Natal Diagnostics Techniques (Prohibition of Sex Selection) Act, 1994:

1. State Supervisory Board has been constituted under the Chairpersonship of Hon'ble Minister, Health and Family Welfare, Govt. of Odisha.
2. The Secretary, Health & Family Welfare has been notified as the State Appellate Authority
3. Statutory bodies such as the State Supervisory Board, State Advisory Committee and District Advisory Committee are being reconstituted every three years.
4. Since the inception of the Act in the state, 1515 USG facilities have been registered under the PC & PNDT act including 28 Genetic Counselling Centres/ Genetic Laboratories/ IVF centres.. In the FY 2023 - 2024, 86 new registration, 36 renewal of registration have been provided by the District Appropriate Authority.
5. 277 monitoring visits to the Ultrasonography Clinics have been conducted during the year. 01 complaints has been received and redressed by the State Appropriate Authority. Departmental proceeding initiated against 8 Government doctors.
6. 78 cases have been filed in the state since 1994. Total 44 court cases have been disposed off upholding the orders of the DAA.

7. The informer's incentive scheme has been rolled out in the state government of Odisha. One incentive has been provided in Cuttack District.
8. Training of District Nodal Officers on PC PNDT Act and Asst. Managers, LA & IS, on online registration and renewal of Ultrasound facilities have been conducted in February 2024.
9. In obedience to the direction of the Hon'ble S.C in W.P.C No. 349 of 2006, the Director Medical Education and Training is conducting the six months training in USG.
10. Influencing state policy, special provision has been made in the State Policy for Women & Girls for protection and promoting value of the Girl Child.
11. Biju Kanya Ratna Yojana is being implemented in Dhenkanal, Angul and Ganjam District having low child sex ratio and BBBP programme in Nayagarh district.
12. Community level action initiated for addressing gender discrimination and sex selection. The community are being sensitized through interactive sessions, audio jingles, advertisement in print & electronic media, panel discussion, docudrama, TV spots, information on village Swasthya Kantha, hoardings & wall paintings, tabloid during observance of Republic day parade at State and District level etc. Dedicated PC & PNDT website hosted for sharing of knowledge and information of public.
13. National Girl Child Day was observed at the state level on 24th January 2024.



14. Resource and communication material in form of FAQ, leaflet, poster, banner, doctor's kit, legal kits etc. have been developed disseminated for awareness generation.

CHAPTER 6

Directorate of Food Safety

BACKGROUND

The Food Safety & Standards Act, Rules & Regulations thereunder have come into operation throughout India with effect from 5th August, 2011 including in Odisha vide Health & Family Welfare Department Notification No.19346/H, dated.25.07.2012.

For ensuring effective & proper monitoring of food safety activities in the State, one post of Commissioner have been created by the Government of Odisha.

Activities:1. **Food License:**

- License is issued to all food business Operators whose annual turnover is more than 12 lakhs upto 20 crores.
- The Licensing Authority in the state given as additional charge to the the District Public Health Officer of the District & Health Officers and declared as Designated Officer (Food Safety)
- At present there are 37 posts created for Designated Officers.

2. **Food Registrations:**

- Registrations are issued to all food business operators whose annual turnover is less than 12 lakhs.
- The Food safety Officers are the Registering Authority in the State. At present there are 61 FSOs in position.

Online Licenses Issued Till date	49102
Online Registration Certificates issued till date	123175
Total Amount Collected by the State	Rs.20,86,93,000.00

FOSCOS(Food Safety and Compliance System) All the License and Registrations are issued by the online FOSCOS system. It was first started in Odisha among all larger states from 1st March ,2020 and all license and registrations are issued at the earliest for ease of doing business.

STATE FOOD TESTING LABORATORY (SFTL)

- The State Food Testing Laboratory, Bhubaneswar headed by one Deputy Director -cum- Chief Food Analyst is functioning under administrative control of Commissioner of Food Safety, Odisha.
- The said SFTL is the approved statutory NABL Laboratory by the FSSAI under Government of Odisha for testing & analysis of all types of food samples.
- Kalyani Laboratory, Bhubaneswar (NABL and FSSAI empanelled) is now utilized for quick checking surveillance Food samples for effective enforcement.
- Regional Food Testing Laboratory are already in process of setup under OMBADC in Sukinda,Keonjhra,Sundargarh and Mayurbhanj.



- The RWSS laboratories at District level are now also available for testing water samples in all districts required for Food license, Registration and surveillance checking of water samples.
- 3. **Food Sample Collection & Testing:** The Food sample (both Legal & Surveillance) are being collected regularly by the Food Safety Officers to check the quality & standard of the Food products.
- 4. **Launching of Prosecution and Cases:**
 - The Additional District Magistrate (ADM) of the District has been declared as Adjudicating Officer of Food Safety for efficient implementation of the Act & Rules in Odisha. The samples found to be substandard and misbranded are filed before ADM court.
 - A Food Safety Appellate Tribunal has been established to hear the appeals on the decision of the Adjudicating Officer u/s 68 of Food Safety & Standards Act, 2006.
 - The samples found to be unsafe are filed before SDJM court after sanction of prosecution from Commissioner of Food Safety, Odisha.
 - Till date more than 161 ADM cases No. of Cases Launched 102 criminal cases launched..
- 5. **Mobile Food Testing Laboratory**

One Mobile Food Testing Laboratory (MFTL) has been provided to the State by the FSSAI for ensuring spot quality testing & create awareness in different areas. The Testing charges have been made free by the Government of Odisha. MFTL is regularly covering 30 districts and 6 ULBs of Odisha. This year 2400 samples were tested in MFTL.



6. **Inspections:**

- Regular inspections of Food Business Operators are being conducted by the Food Safety Officers.
- Use of IT enabled inspection techniques of Food Businesses Unit through FoSCoRIS (Food Safety Compliance through Regular Inspection and Sampling System)

7. **TRAINING AND OTHER ACTIVITIES.**

(i) **(Food Safety Training & Certification program)**

Training have been conducted in Odisha to ensure safe and hygienic food to the consumers. Till Now more than 38,000 Food Business Operators are trained in different parts of Odisha.

(ii) **Digital Mitra Training:** To increase the online FOSCO trainings were conducted where applicants were

trained to help the FBOs for filing online applications for ease of doing business.

(iii) **Different newer initiatives have been started regarding Food Safety i.e.**

- Clean Street Food Hub- is implemented in Khaogali, Bhubaneswar
- Eat Right Campus –Established in Food academics, Treatment & business establishment in capital and AMRI, KIIT, APOLLO, IHM JP Hospital have been declared as Eat Right Campus



- BHOG- 3 temples (SaniMandir, Kali Mandir, SaiMandir at Bhubaneswar) are chosen to be established. ISCON, Bhubaneswar and Tarini Mata Mandir, Rourkela certified under BHOG.
- Bhubaneswar Railway Station is declared as the Eat Right Station which is sixth one in all over the country this year in Eat Right practices.
- SNF- Different Fortification procedures and RUCO for restrictive use of overcooked oil initiatives have started to function.
- Share Food- Under this initiative surplus foods are distributed at the hunger point through NGO.
- There has been a remarkable development in the food served at the religious places. Endowment Committee has also collaborated with Food safety to serve safe food in all the temples.
- The hospitals under BSKY are brought under the Food safety umbrella. Apart from upgrading the canteens, steps have been taken to provide wholesome food to the patients and public.

CHAPTER 7**Director of Medical Education and Training**

- In order to meet the demand of the State, MBBS course has been started with annual intake of 100 MBBS students at Dharani Dhar Medical College & Hospital, Keonjhar, Govt. Medical College & Hospital, Sundargarh from the academic session 2022-23 and Saheed Rendo Majhi Medical College & Hospital, Kalahandi started from the academic session 2023-24.
- Two new Medical Colleges are in pipeline at Jajpur & Phulbani. The construction work is in full swing and expected admission of MBBS students from the academic session 2024-25 at Jajpur and from the academic session 2025-26 at Phulbani. Further, the LOP for Jajati Keshari Medical College & Hospital, Jajpur has already been applied to NMC, New Delhi.
- Steps have been taken for enhancement of P.G seats in different disciplines at three Govt. Medical Colleges, i.e. at SCBMC Cuttack, MKCGMC Berhampur & VIMSAR Burla.
- Steps have been taken for strengthening of new Govt. Medical Colleges for opening of P.G seats in different disciplines.
- All the Medical Colleges of the states have been equipped with RTPCR facilities and VRDL for COVID testing and to tackle any future Epidemic.
- From the academic session 2022-23, PGIMER & Capital Hospital, BBSR and AHPGIC, Cuttack has made functional.
- Establishment of Tertiary Cancer Centre at MKCG MCH, Berhampur & VIMSAR, Burla are under process.
- Liver Transplantation Unit both Paediatric & Adults is now ready for starting the transplant at SCB MCH, Cuttack.
- 07 Nos. of Kidney transplantation has been conducted at SCB MCH, Cuttack during 2023-24.
- SOTTO has co-ordinate and conducted 8 nos. of Cadaveric donation till date.
- 33 no. of Trauma Care Facilities units are functioning in the State and 55 nos. of Trauma Care Centres are in principle approved to be functional.
- Free (Cash less) treatment for first 48 hours for Trauma Victims is continuing in 18 nos. of private hospitals under FTTF scheme.
- Total of 5439 nos. of ALS / BLS Ambulances have been identified for integration with Govt. owned 108 for decreasing response time during Golden Hour Management.
- High- End Instruments like Anatomy table and others Equipments have already been procured for 7 Govt. Medical Colleges of the state along with AHPGIC, Cuttack in accordance with the requirements of the patients & Medical Students. High-end mannequins for skill labs are under the process of procurement.
- All Drugs & Cancer Drugs are being distributed on free to the patients, in all Govt. Medical Colleges & Hospitals of the State and AHPGIC, Cuttack respectively under NIRAMAYA Scheme.
- Free Diagnostic facilities are being provided in all Govt. Medical College & Hospitals of the State under NIDAN Scheme.
- To regulate and promote the Cadaver Transplantation of Human Organs like Eye, Lungs, Heart, Liver, Kidneys & Pancreas etc., SOTTO has been established in SCB MCH, Cuttack and made functional since 2019.
- To provide high standard and uniformity of Medical and Allied Science Education & Research in the affiliated Health Institutions of the State, "Odisha University of Health Sciences" has been established and functional.
- To provide high quality Super speciality Health Care to the people in the remote area of the State at their doorstep through air, Mukhya Mantri Bayu Swasthya Seva (MMBSS) Scheme was started and functioning since 2021.

- Re-development of the SCB Medical College & Hospital, Cuttack, into AIIMS+ is under active process.

Chapter 8

State Institute of Health & Family Welfare

Activities of SIH&FW (O): State Institute of Health & Family Welfare is the nodal directorate of Department of Health & Family Welfare to promote positive behavioral changes across the state. Along with this directorate supports the health communication programs implementation & monitor and also dedicatedly working to build up capacity of the human resource engaged in health sector at state, district & block level.

Communication Activities: Regular communication activities have been implemented across the state during observation of different designated days & also important health days. Different sets of outdoor activities were conducted to observe these days at different areas of the State.

Specific Days/Fortnight Observation: World Health Day-7th Apr', Safe Motherhood Day 11th Apr, HWC Day 14th Apr', World Malaria Day 25th Apr', Anti Dengue Day 16th May, World Hypertension Day 17th May, Menstrual Hygiene Day 28th May, World No tobacco Day 31st May, World Blood Donor Day 14th June, World Population Day 11th July, Anti Dengue Month-July, World Hepatitis Day 28th Jul, Breast Feeding Week 01st to 07th Aug', World Eye Donation Day 25th Aug, National Eye Donation Fortnight 25th Aug-8th Sep', International day for clean air & blue skies 7th Sep', International Safe Abortion Day 28th Sep', World Rabbis Day 28th Sep', World Heart Day 29th Sep', International Day for Older Person 1st Oct', National Blood Donors Day 1st Oct, World Sight Day 2nd Thursday of Oct', Mental Health Day 10th Oct, World Stroke Day 29th Oct', IDD Day 21st Oct, World Stroke Day 29th Oct, World Pneumonia Day 12th Nov', World Diabetes Day 14th Nov', COPD Day 15th Nov', World New Born care Day 15th-21st Nov', NSV Fortnight 21st -4th Dec', Universal Health Coverage Day 12th Dec'2023, National Girl Child Day 24th Jan'2024, Anti leprosy Day 30th Jan'2024, World Cancer Day 04th Feb'2024.

Mid Media Interventions: Dynamic hoardings, CAC poster (Sun Board), Folk show / street theaters outreach pockets, targeted Sub centers, Branding of VHND, UHND, Maa gruha , Standy and banner on PMSMA AT HWC , Hoarding at DHH & Block level, Calender on school health, Sun Board with TB Messages, Wall Painting at Village level, Sensitisation of NGOs & PRIs were conducted. Improving communication through bulk sms services, Development new AV Spots & Editing/ Dubbing of existing AV spots shared by GoI/ other Development Partners Following types of events shall be organized. At village level to create awareness among the community Village Level mini & mega Events & Village Level Campaign as well as Sponsoring sports event were also conducted to sensitize the youth mass. Also a special campaign at Identified Sub Centers on PCPNDT was conducted with the objective to sensitize the community about importance of the girl child in the society & to promote girl child in every sphere of life.

Mass Media Interventions: Apart from conducting different Awareness activities at grass root level some activities were also conducted at State level, covering the entire state through using different mass media platform which are as follows;

Media Platform: All most all Mass media activities are directly carried out by the Directorate from State level, for specific state level events such as organizing health stalls at different crowd places like book fair or any specific gathering the directorate also implement some mid media activities but a major portion of the mid media activities has been conducted at district & block level events as per the instruction given from the State. The following mass media activities were carried out this year. **Production of TVCs & documentation:** Different TV spots and documentation related to major schemes such as urban Health, Eye Care were produced with the objective to create awareness among community through television and other Available audio visual platforms. Eight numbers of training videos on pregnancy care and newborn health care were produced to train ASHA workers through audio visual mode. `

- I. **Publication through Print Medium:** More than 755 numbers of advertisements has been published in different Vernacular & National newspapers covering different thematic areas aligned with different designated days and other important health issues.
- II. **Broadcast & Telecast of Advertisements through Electronic Medium:** Television and radio along with community radio has a huge presence across every nook and corner of the state with an objective to reach large number of audience more than 11,000 spots, jingles were aired through different TV channels, All India Radio and different FM stations across the state along with identified community radio platforms in concern districts.
- III. **Digital Display Board:** Awareness messages are disseminated through 12 numbers of digital display boards placed inside hospital premises at Different Medical Colleges and DHHs to create awareness among public.
- IV. **Digital Display in Cinema Hall:** Audio visual advertisements on different health issues were displayed in cinema halls across the State.

Communication Capacity Building of Frontline Workers: District level refresher training on TARANG, Social and Behavior Change Communication for Demand Generation on RMNCHA+N & Routine Immunization along with other communication activities at field level was organized in 14 districts i.e. Angul, Balasore, Cuttack, Ganjam, Jagatsinghpur, Jajpur, Kendrapada, Khurdha, Nayagarh, Puri, Sonepur & Sambalpur districts of the state.

Training Activity

Training activity report at SIH&FW (O): Providing training to the workforce under Department of Health & Family welfare is the primary responsibility of the training wing functioning under the DSIH&FW, Odisha. Starting from preparation of appropriate training modules in coordination with resource persons to send communication & follow up to districts for nomination of participants for different trainings, monitoring & supportive supervision of different training and TMIS activities are being conducted by this wing. In addition to that handholding support in HR update and facility correction in TMIS portal at block level is also provided. Technical support provided to all BDMs, DDMs and State personnel to conduct all types of training through TMIS. Regular follow up to all districts as well as state training nodal officials was provided for submission of quarterly/annual training achievement report in order to compile the same at state level and submit the report to Gol are some of the usual activity being carried out by this wing. Some of the important activities were conducted as mentioned below;

- Review meeting of Training and TMIS was held with the district and medical college nodal officials for knowing the training status and future training activity.
- Capacity building training for Communication Officers at reputed institutions were conducted in phased wise manner.
- Three batches of 30 days Induction training for newly appointed MBBS Doctors was completed.
- 2 batches of 5 days financial management training for DDOs at MDRAFM were completed.
- Selection and enrollment of 29 Medical Officers for One Year PGDPHM Course at IIPH (B), was completed.
- 12 batches of refresher training of MPH/M were completed at different Regional Training Centers and Govt. Medical Colleges.
- One batch SAB ToT Completed.
- 2 batches of ToT on Laparoscopic Sterilization training completed at city hospital Cuttack.
- 1 batch NSV ToT completed at CHC Ghatagaon, Keoinjhar.
- Second batch of HSTP training for senior Medical Officers is currently continuing.

CHAPTER 9

Directorate of AYUSH

Government of Odisha have recognized Ayurveda, Unani & Homoeopathy systems of medicines and these systems have the heritage of community acceptance, gained popularity & continues to cater health care services to a larger number of people in the State. After launching of National AYUSH Mission, several activities have been undertaken to promote AYUSH medical systems in the State. The major initiatives taken during 2023-24 are as follows.

- 172 nos. of Govt. AYUSH dispensaries have been up-graded as AYUSH Health & Wellness Centers under “Ayushman Bharat” in the State. Under the said scheme, Medicinal Plant gardens, branding of the dispensary buildings and regular Yoga practices are being done at AYUSH Health & Wellness Centers of the State.
- Capacity building of ASHA on strength of AYUSH is being conducted by the AMO/HMO acting as CHO in AHWCs of the State. .
- Medicinal Plant Gardens have been developed at all AYUSH Health & Wellness Centers and Govt. Hospitals of the State.
- Regular Yoga Session are being conducted by the Yoga Instructors (Male & Female) in all AHWCs of the State.
- New appointments of 105 Homoeopathic Medical Officers (HMOs) and 116 Ayurvedic Medical Officers (AMOs) are in progress for Govt. Homoeopathic and Ayurvedic Hospitals/dispensaries of the State.
- Construction of 50 bedded integrated AYUSH hospital at Berhampur is on progress.
- Construction of the office of DAMO, Balasore, Bargarh, Kandhamal and Jajpur and office of DHMO, Cuttack and Jajpur are under progress.
- Construction of 115 nos. of dispensary buildings is on progress.
- Essential AYUSH drugs have been procured by Directorate of AYUSH for the Govt. AYUSH Hospitals and dispensaries of the State.
- School Health Programme , Outreach activities, IEC/BCC and AYUSH Grama under National AYUSH Mission are in progress.
- 1999 nos. of AYUSH drugs have been tested at State Drug Testing and Research Laboratory(ISM) in Bhubaneswar during the year 2023-24.



AYUSH Health & Wellness Center at Ganjam



Training to ASHA on AYUSH



**Medicinal Plant Garden developed in
AYUSH Health & Wellness Centres**



Yoga session at AHWC, Nagenpalli, Dist. Bargarh

CHAPTER 10
DIRECTORATE OF NURSING, ODISHA

- 01 (One) Nursing personnel of our State have been awarded with Florence Nightingale Award.
- 22 (Twenty) Continuous Nursing Education (CNE) programme organized by the Govt. Nursing Institutions for the Nursing Personnel and students have been completed. 2 days State level workshop also completed at College of Nursing, Berhampur in the month of Jan'2024.
- Successfully completed 52 batches of 6 days DAKSH training organized by the Comprehensive skill lab for the Nursing officers of the State.
- 07 meritorious students of ANM, GNM have been rewarded in the state level celebration of Nurses Day'2023. 6 meritorious students of Basic B.Sc., P.B.B.Sc. & M.Sc. Nursing course have been rewarded in the State level workshop organized at College of Nursing, MKCGMCH, Berhampur.
- Exposure visit of State/District Officials to Tamilnadu, Kolkatta and Gujurat have been successfully completed.
- Total 4080 Nursing Officers have completed the CPCH training programme.
- Two Batches of Administrative and Management training completed at NIHFW, New Delhi.
- The State Midwifery Training Institute, MKCG Berhmapuris functional & started its 1st batch of NPM training from May'2023.
- 1st batch of NPM training programme successfully completed at the State Midwifery Tanning Institute (SMTI) College of Nursing, SCB MCH, Cuttack & the 2nd batch of NPM training commenced from 1st Feb'2024.
- 06 Numbers of Midwifery Educators have already completed their 6 months training at NMTI Patiala, Punjab. Now there are total 18 Midwifery Educators (6 at each SMTI).
- Establishment of MLCU at VIMSAR, Burla and SMTI at College of Nursing, Burlais under process and will be functionalized by end of Feb'24.
- Total 3732 newly recruited Nursing Officers are posted in 30 districts and all Medical College Hospitals of the State.
- 168 (One Hundred Sixty Eight) Nursing Officers have been promoted to the Post of Asst. Nursing Superintendent.
- 04 (Four) Asst. Nursing Superintendent have been promoted to the Post of Deputy Nursing Superintendent.
- Odisha Nursing Education Service Cadre is under active consideration of Government for approval & implementation.
- The clinical cadre of Nursing Officers is restructured with more numbers of promotional posts along with better promotional avenues.
- The stipend of Nursing students of the Govt. Nursing institutions is hiked. ANM will get Rs. 2000/ month for entire course period & BSc Nursing students will get Rs. 5000/ month for 6 months internship period.
- Around 109 new teaching and 88 non-teaching posts are created in the 08 Govt. Nursing Colleges of the State.
- Under the NUA-O initiative, for encouraging the students for sports, culture, and other curricular activities the Integrated Youth Development Programme (IYDP) and the NUA-O Odia Literary completion programme are successfully organized in all the Govt. Nursing Colleges and 03 ANMTCs at Gajapati, Malkanagiri, Bhubaneswar.
- The labs and libraries of the Govt. Nursing colleges are being strengthened and equipped with more items/articles with support from NHM PIP.

CHAPTER 11

Odisha State Medical Corporation Ltd

The “Odisha State Medical Corporation Ltd.” (OSMCL) has been established under the companies Act. 1956 as a wholly owned Government of Odisha undertaking vide Government Resolution No. 8844-Sch-I-Med.-264/2013 (Pt.), dtd. 26th June, 2013.

Odisha Medical Corporation Limited (OSMCL) is the Nodal Agency of the Department of Health & Family Welfare, Government of Odisha for procurement of (a) Drugs, Surgical & Medical Consumables, (b) Equipment, Instrument & Furniture (EIF) Service.

Objectives :

The key objectives of OSMCL include timely procurement of quality medicines for “Niramaya” – free medicine distribution scheme, medical consumables, surgical, equipments, instruments, furniture etc. through fair, transparent and competitive bidding process.

- Timely procurement of quality medicines, surgical and EIF (Equipment Instrument and Furniture) centrally adhering to a fair, transparent and competitive tendering process.
- Manage central drug warehouses to ensure smooth flow of supply to health facilities through a centralised online inventory management system.
- Monitor drug distribution counter to be set up across health facilities centrally and track prescription practices and disease pattern.
- Procurement and maintenance of medical equipment across health facilities.
- Management of Central Drug Warehouses at district level to ensure smooth supply to health facilities.
- Management of logistics up to block/CHC level.
- Provide equipment management support at periphery and tertiary health institutions.
- Provide integrated IT system for Inventory Management.

1. Drugs & Surgical Division –

Procurement & distribution of drugs & consumables as per the recommendation of the State Drug Management Committee (SDMC) :

- (a) The procurement & distribution activities of EDL items (Essential Drug List) & programme items comprising of general items, surgical items, anti-cancer items, programme items and other items from Non-Essential Drug List as per the recommendation of State Drug Management Committee.
- (b) **Sufficient number of counter** : 532 computerised Drug Distribution Centres (DDCs) have been established across the facilities up to CHC level to distribute medicines at OPD counter.
- (c) **Sufficient number of drug warehouses** : In addition to 39 District Drug Warehouses, efforts are on to operationalise block level Drug warehouses for distribution up to PHC level from block drug warehouses.
- (d) **Supply of drugs to the warehouses in time** : 53 numbers of dedicated GPS enabled transport vehicles are engaged for doorstep delivery of drugs up to PHC level.



- (e) **Management of stock out positions** : The stock out position is analysed at regular interval for replenishing the stock by reallocation from Central Drug Store or other Drug Warehouses and plan for local procurement at institutional level. An ordering plan is being followed for availability of sufficient quantity of drugs and avoids stock out.

(2) KHUSI programme –

Menstrual hygiene and the awareness regarding use of sanitary napkins among the adolescent girls is one of the important areas under preventive health management initiative. In a bid to better the health of adolescence girls and to ensure reproductive health of women the programme of “KHUSI” will bring major breakthrough. The expansion of the Menstrual Hygiene Scheme “KHUSI” to cover all girl students of class 6th to 12th by way of supply of free beltless sanitary napkins is a flagship scheme of Government of Odisha and involves large scale expenditure. The schools covered include all Government / Government aided schools under S & ME Department, schools under SS & EPD Department, ST & SC Development & MBC related schools and central schools.

Under the programme, each girl student is being provided 18no.s of beltless sanitary napkins per month.

For the financial year 2022-23, around 18,24,51,528 pieces of sanitary napkins have been provided to beneficiaries. For this scheme, a total expenditure amounting to Rs. 168.95 crores has already been made till 31.12.2023.

For the financial year 2023-24, A total of 17,83,901 beneficiaries have been identified from 27802 schools tender has finalised for 38,53,22,616 pieces of sanitary napkins and supply under process.

2. Equipment Division –

Odisha State Medical Corporation procured all required Equipment, Instrument and furniture for establishment of dedicated COVID Hospitals and COVID Care centre across the state. OSMCL is also supplying all the required testing kits along with VTMs (Viral Transport Media) for carrying out uninterrupted testing during COVID-19 pandemic at all the designated Govt. Testing Labs.

Further, 34 Nos. of RT-PCR COVID Testing Laboratories with Biosafety Level 2 plus facility have been set up at all District Headquarter Hospitals and Medical College Hospitals for conducting the COVID -19 tests.

Tenders already finalised/Supplied:

1. CT Scan Machine in PPP Mode :

Work Order has been issued for supply & installation of 16 Slice CT SCAN Service in PPP mode at 18 nos. of District Headquarter Hospitals, out of which the CT Scan machines have already been installed at DHH-Jharsuguda, DHH-Bhadrak, DHH- Jagatsinghpur, DHH- Deogarh & DHH-Kandhamal.

2. Liquid Medical Oxygen Plant:

Operationalisation of Liquid Medical Oxygen (LMO) Storage unit at MKCGMCH, Berhampur, Capital Hospital, Bhubaneswar, SCBMCH, Cuttack, VIMSAR, Burla, BBMCH, Bolangir, PRMMCH, Baripada& FMMCH, Balasore.

3. Supply of ECMO machine :

Supply of 6 Nos. of ECMO machine with additional EIFs namely Fiber Optic Bronchoscope, ACT Machine, Dual Chamber Pace Maker, ECG Machine & ABG Machine required for smooth functioning of ECMO unit at SCBMCH, Cuttack.

4. Supply of Equipment for Establishment of Shree Jagannath Medical College & Hospital, Puri, Dharani Dhar MC&H, Keonjhar and Saheed Rendo Majhi Medical Collage & Hospital, Kalahandi

Procurement & Supply of required EIFs for LOP (Letter of Permission) requirement Shree Jagannath Medical College & Hospital, Puri, Dharani Dhar MC&H, Keonjhar and Govt. Medical Collage & Hospital, Kalahandi

5. **Tender for Radiotherapy Equipment for AHPGIC, Cuttack:**
Supply of high end Radiotherapy Equipments (High & Low Energy LINAC, Brachytherapy & Mould Room accessories) at AHPGIC, Cuttack.
6. **Tender for ceiling Suspended high end cathlab machine:**
Supply & installation of high end Cardiac Cathlab Equipments at SCBMC&H, Cuttack, VIMSAR, Burla and Capital Hospital, Bhubaneswar.
7. **Tender for provision of PET CT Scan in PPP Mode at AHPGIC, Cuttack:**
Functionalization of PET CT SCAN Service in PPP mode at AHPGIC, Cuttack.
8. **Tender for Mobile Blood Collection Vans & Vaccine Van:**
Supply of 7 Nos. of Mobile Blood Collection Vans and 10 Nos. of Vaccine Vans.
9. **Empanelment of laboratories to Conduct Molecular Pathology Tests Of Samples Collected at Various Govt. Healthcare Facilities:**
Tender has been Finalized for procurement Of Diagnostic Services From Prospective Diagnostic Centres Through Empanelment To Conduct Molecular Pathology Tests Of Samples Collected At Various Govt. Healthcare Facilities and agreement has been signed with the service provider.
10. **Supply, Installation, Commissioning and Maintaining the Fully Automated Biochemistry Analyzer on Reagent Rental Basis.**
Tender has been finalized for Supply, Installation, Commissioning and Maintaining the Fully Automated Biochemistry Analyzer on Reagent Rental Basis and agreement has been signed with the service provider.
11. **Supply Installation of Dental Chair for Establishment of Dental Unit at CHC Level:**
Tender has been finalized and contract has been issued for supply and Installation of 207 nos of Dental Chair for Establishment of Dental Unit at CHC Level.
12. **Tender for Supply of Dialysis Machine:**
Tender has been finalized and contract has been issued for supply of Dialysis Machine for implementation of Dialysis Services upto the Level of SDHs/ CHCs.
13. **Tender for supply of High End Surgery Equipment at AHPGIC, Cuttack:**
Tender has been finalized and Purchase Order has been issued for Supply and Installation of Ultrasonic Surgical aspirator and Electrical Drill & Sawat AHPGIC-Cuttack.
14. **Tender for supply of Spectacles:**
Tender has been finalized and Purchase Order has been issued for Supply of Spectacles.

On-Going Tenders already floated:

1. **Supply of MRI Scan and CT Scan Machine**
Re-Tender has been floated for Supply, Installation & commissioning of 1.5 Tesla MRI Scan Machine and 128 Slice CT Scan Machine for Dept. of Radio diagnosis of SCBMCH-Cuttack.
2. **Tender for supply of Equipments for New Teaching Hospitals of Govt. Medical College & Hospitals.**
2 (Two) years Rate Contract Tender has been floated for functionalization of teaching Hospital of New MC&Hs and Re-development of SCB MC&H and SVPPGIP, Cuttack for the Dept. of. Blood Bank, Furniture, Anaesthesia, Radiology, Biochemistry, Microbiology, Cardiology, Nephrology, Orthopedics, Pathology, FMT Dental Skin VD, Pediatrics, Critical Care, Surgery CSSD & OG, ENT, Physiotherapy, Ophthalmic, Urology and Psychiatric.

Bio-medical Equipment Maintenance Programme

To strengthen the public health system in the State with a vision to minimise the downtime of the biomedical equipments available in the hospitals especially in remote locations, the centralised Biomedical Equipment Maintenance Program has been rolled out across the state with effective from 01.01.2020 through M/s Kirloskar Technologies Pvt. Ltd., as the third party service provider for all the Government Health care delivery institutions down to the level of PHC under the H & FW Dept. (O) supported by 24x7 call centre.

e- UPKARAN (EMMS) software:

OSMCL is implementing its own customised IT solution called “e-Upkaran” software for supply chain management, inventory management, maintenance of medical equipments, instruments, furniture’s in required quantities for the Govt. health facilities including State Medical Colleges, 30 District Headquarter Hospitals (DHHs), Secondary Healthcare Institutions, Community Health Centres (CHC) and Primary Health Centres (PHC) for a transparent and efficient procurement process.

3. Quality Assurance Division –

(A) Quantitative Report (from 1st Apr’ 2023 up-to 31st Jan’ 2024)

Various batches of drugs and surgical items received by Quality Assurance Cell are being sent to different empanelled laboratories for test and analysis through online mode and details of report received for the period from 1st Apr’ 2023 to 31st Jan’ 2024 are given below;

	No. of items	No. of Batches
Received	491	10671
Sent for testing	473	10172
Report received	456	9598

(B) Achievements :-

- No. of Items declared as Not of Standard Quality (NSQ) by empanelled laboratories- **2 no.**
- No. of Batches declared as NSQ by empanelled Laboratories - **4 no.**
- No. Firms Blacklisted/De-barred in respect of individual items -**Nil**
- No. of Firms Blacklisted / De-barred for all items –**Nil**
- No. of Laboratories empanelled for year 2023-24 -**14 nos.**
- New procedure was implemented to De-recognize / debar of “Misbranded” and “Spurious” drugs.

4. IT CELL –

e-Niramaya Software :

- **Real time monitoring of all aspects of the scheme, to avoid dislocation in indenting, procurement, Quality assurance, payment & distribution:** The “e-Niramaya” software was launched on 01.04.17 for managing the entire drugs supply chain and distribution process. The e-Niramaya Software has been designed to streamline free drugs distribution from Warehouse to Health facilities. The system would have robust disaster recovery link with State Data Center, OCAC.
- AAP i.e. Annual Demand for the current financial year 2024-25 has been obtained from the down below facilities like PHCs, UPHCs, CHCs, SDHs, DHHs, and consolidated at DWHs level via e-Niramaya software. This will help to generate demand pattern over a period of time.
- Revamp done in the e-Niramaya software in order to incorporate expiry management.
- The online training on “e-Niramaya” software has been completed by OSMCL to all PHCs and PHCs (I/Cs). Training manual and concerned module process flow recording have also been provided to all the trainees.
- Regular online monitoring of DDC.

In view of the integration of e-Niramaya software with OeHMIS software and Central Dashboard of DVDMS.

(A) Drug Vaccine Distribution Management System (DVDMS):

DVDMS (Drugs and Vaccine Distribution Management System) is a software platform to automate various activities of Directorate General Medical Health, Govt. Of Odisha. It comprises of Drug and Vaccine Supply Chain Management that deals with Purchase Order, Inventory Management & Distribution of various drugs etc. Also it helps for managing receipt, Issue, Quality Control, vaccines and other health sector goods that are supplied to States under various disease control programmes.

(B) Odisha e-Hospital Management Information System(OeHMIS):

Drug distribution at DDC level with respect to Prescriptions has been integrated with OeHMIS for issue of medicines to patients i.e. there is a bridge/interface in between e-Niramaya & OeHMS software. The development for integration of OeHMIS with e-Niramaya web-application has been completed & implemented in Capital Hospital SCB-MCH on pilot basis. This enables DDC counters to facilitate drug distribution (issue of medicines) as well as clinical records of patients as per the prescription prescribed by the doctors of the concerned hospitals.

(C) KHUSI software :

The “KHUSI” Web based software was inaugurated on 29.12.2020 in order to manage the storage, free distribution and supply chain of Sanitary Napkins to girl students under Govt. of Odisha flagship programme “KHUSI”. The system would have robust disaster recovery link with National Data Center, NIC.

(D) OSWAS software:

In line with 5T initiative, Odisha State Medical Corporation updated with “OSWAS” office automation software. It is a cloud ready with web responsive design recovery link with OCAC, State Data Center and National Data Center. It would have features like 24x7 secure accesses, notification and real time executive dash board. The software has principal applications like correspondence management, file management, file processing, record room, internal messaging, dash board, leave management, MIS reports.

(E) KAVACH Authentication:

- i. For security purpose the two factor authentication (i.e "KAVACH" authentication APP) has already been installed at head quarter level in every division, at District-DWH level, at DHH and MCH level by OSMCL.

(F) e- Upkaran Software:

- i. The OSMCL has implemented its own customised IT solution called “e-Upkaran” for supply chain management, inventory management, maintenance of medical equipment, instruments, furniture in required quantities for the Government health facilities including state Medical Colleges, 30 District Headquarter Hospitals (DHHs), Secondary Healthcare Institutions, Community Health Centres (CHC) and Primary Health Centres (PHC) for a transparent and efficient procurement process.
- ii. The first phase hands on training on e-Upkaran software has been given by CDAC team to the OSMCL head quarter staff of and 5 health facilities staff.

CHAPTER 12**DIRECTORATE OF DRUGS CONTROL**

1. To facilitate for testing of more drugs samples to ensure the quality of the medicines available in the State, Govt. have established another drug testing laboratory at Sambalpur under Central Sponsored Scheme.
2. Directorate of Drugs Control also ensures the availability of **safe blood** and blood products such as Plasma, Platelets, RBC etc to the public. During COVID pandemic some blood centres were permitted to manufacture fresh frozen plasma for the treatment of Covid patients. There are 31 Nos of Blood Storage Centres and 87 nos of Blood Centres in the State.
3. Besides the above the officers of this Directorate have conducted raid at different places in different times to check the Not of Standard Quality (NSQ), Spurious, Adulterated, Misbranded, prohibited drugs throughout the year and registered cases against the accused for violating the norms. The details of enforcement activities as follows:
 - a. No of Raid Conducted: 746
 - b. No of Seizure made : 22
 - c. Amount of article seized : Rs.1,87,220/-
 - d. No of PR submitted in Court of Law: 33
 - e. No of spurious drug detected : 12
 - f. No of sample declared as NSQ : 88
 - g. No of sample declared as Misbranded : 17
4. The officers of this Directorate also detected charging of higher price on scheduled formulation and 48 nos of violation of DPCO have been reported by the Drugs Inspectors
5. The Price Monitoring Resource Unit Society has been registered and functioning at the Directorate building to check the overcharging of the price of the drugs with reference to the price fixed by the National Pharmaceutical Pricing Authority (NPPA).
6. The Additional Chief Secretary to Govt. of Odisha, H & FW Deptt. has recognized the work of this Directorate in the field of enforcement of COTPA-2003 under National Tobacco Control Programme in Odisha and has issued a Certificate of Appreciation in the year 2022. Under COTPA Act, 525 Nos of raid have been conducted and Rs.4,48,203/- levied as fine under COTPA Act.
7. Government has taken steps for recruitment of 47 posts of Drugs Inspectors through Odisha Public Service Commission (OPSC) and 15 posts of Senior Laboratory Assistant through Odisha Staff Selection Commission (OSSC). These posts are lying vacant under the Directorate of Drugs Controller, Odisha.
8. Government have constituted a Special Task Force (Drug Enforcement Squad) to conduct surprise raid, inspection of facilities, storage of drugs and medical consumables.
9. 02 Nos of drugs manufacturing units have been issued with WHO GMP Certificate and another company has been issued with Test Licence for 05 types of Vaccines.
10. There are 75 nos of licenced allopathy drug manufacturing units, 06 nos of cosmetic manufacturing units, 05 nos of Homoeopathic Medicine manufacturing units and 18 nos of medical devices (Class A& B) manufacturing units in the State.

CHAPTER 13
Odisha State AIDS Control Society (OSACS)

National AIDS & STI prevention and control Programme (**NACP- V**) has implemented in the country from April 2021, with a vision achieve following targets, aligned with SDG Target 3.3 of Ending the AIDS Epidemic as a Public Health threat by 2030.

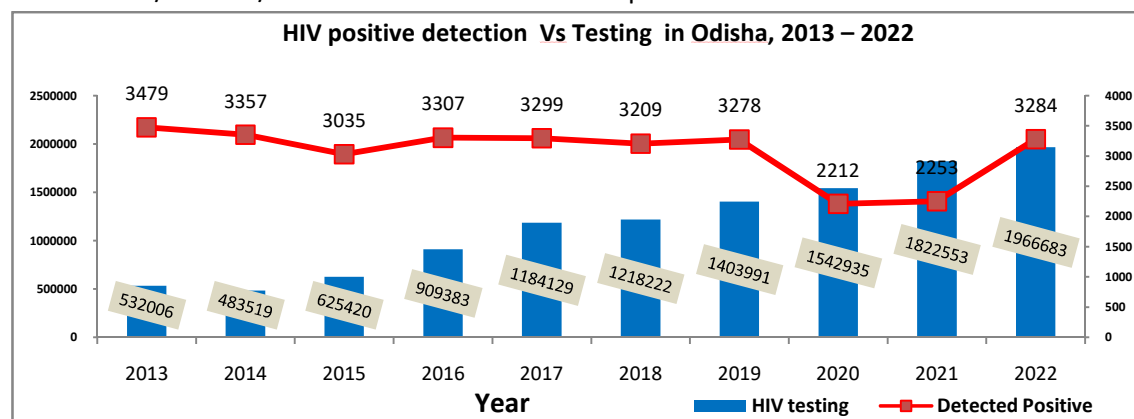
- HIV/AIDS prevention and control
 - 95% of people who are most at risk of acquiring HIV infection use comprehensive prevention.
 - 95% of HIV positive know their status, 95% of those who know their status are on treatment and 95% of those who are on treatment have suppressed viral load.
 - 95% of pregnant and breastfeeding women living with HIV have suppressed viral load towards attainment of elimination of vertical transmission of HIV.
 - Less than 10% of people living with HIV and key populations experience stigma and discrimination.
- Universal access to quality STI/RTI services to at-risk and vulnerable population.

Epidemiologically districts have been categorized as High, Moderate, Low & Very Low according to HIV estimation 2019

District Priority	No. of districts	Name of Districts	PLHIV Size as per estimation
High	2	Ganjam, Cuttack	≥5,000
Moderate	4	Angul, Baleswar, Khordha, Nabarangapur	2,500 ≤5,000
Low	11	Balangir, Bargarh, Bhadrak, Jajapur, Kalahandi, Koraput, Mayurbhanj, Puri, Rayagada, Sambalpur, Sundargarh	1,000 ≤2,500
Very Low	13	Rest of the districts	<1,000

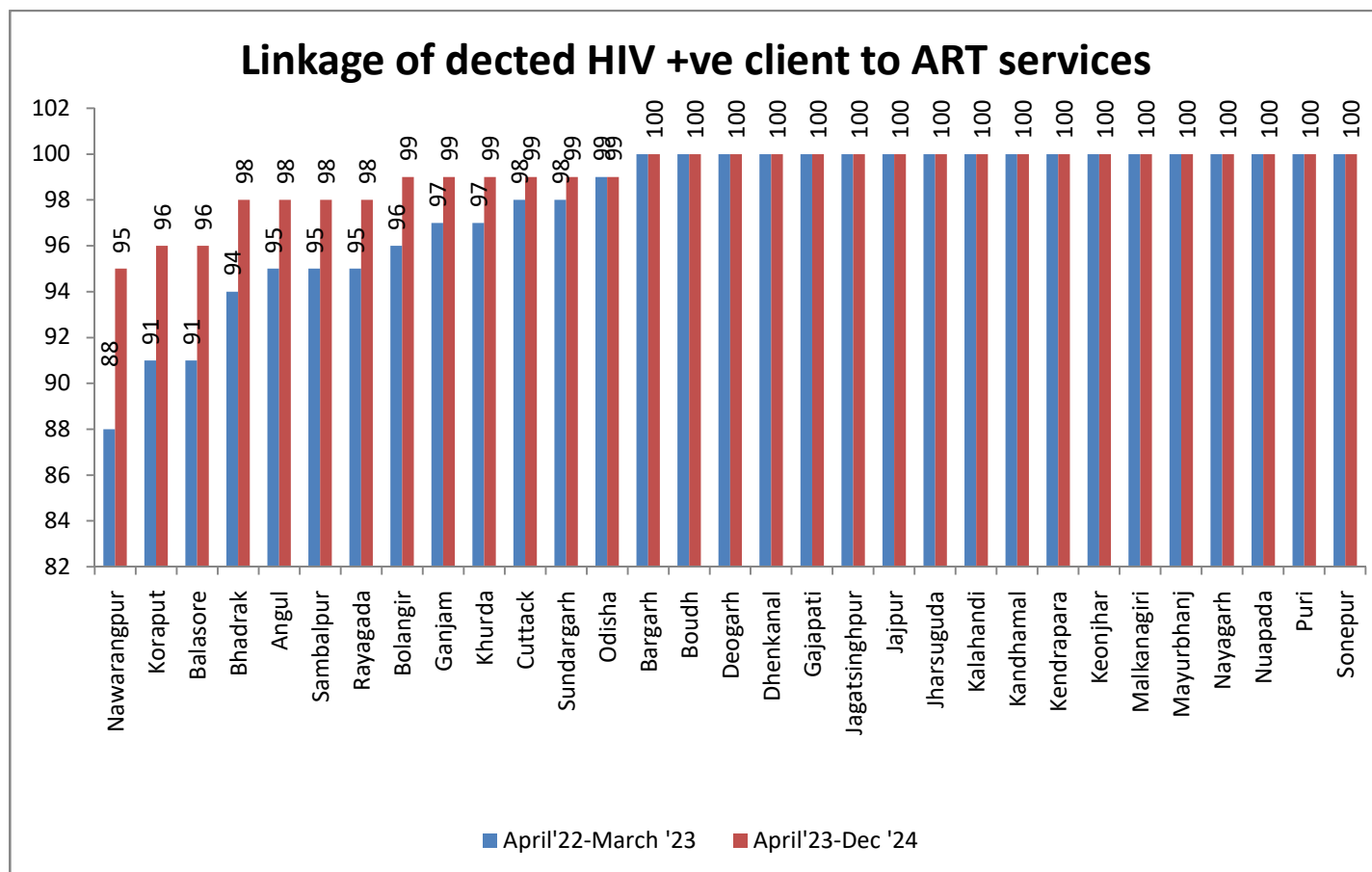
Program intervention

Basic Service Division: Providing Counseling & Testing services to different types of clients, There are 167 ICTC, 372 FICTC & 40 DSRC functional in the state in public health institutions. HIV screening services in 445 FICTC/Health Wellness center/ VHSND/Prison intervention and other private institutions under PPP



Care Support & Treatment (CST) Division: 19 ART centres providing free Care, Support & treatment services to people living with HIV (PLHIV), Anti-Retroviral Therapy, Treatment for Opportunistic infections, Follow up, nutritional and family counselling. Provision of link ART centre to dispense drugs at nearest public health facility. Social security schemes made available through single window model.

- ART dissemination has increased 99% for new cases in this year.
- Introduction of e-SACEP (State AIDS Clinical Expert Panel) helps client take recommended ARV from nearest ART to improve their adherence level.
- State is monitoring the ART linkage indicator through 5T program on quarterly basis.



Targeted Intervention (TI)/Link Worker Scheme (LWS)/ Opioid Substitution Therapy(OST)

53 nos. of TI NGO projects are working for core high risk group i.e FSW, MSM,, TG/Hijra, IDU and Bridge Populations i.e Migrants & Truckers in different urban pockets. Provide counselling, condom, STI/RTI & HIV services. 07 nos. of Link Worker Scheme(LWS) are working in the rural areas(100 village per district) to link vulnerable people to HIV services. TI division also covers Prison & other close setting homes in the state in co-ordination with line dept. 28 Employer led model intervention in the industries & PSU of the state

- 52 nos. of TI NGO projects are working for core high risk group i.e FSW, MSM,, TG/Hijra, IDU and Bridge Populations i.e Migrants & Truckers in different urban pockets.

- 07 nos. of Link Worker Scheme(LWS) are working in the rural areas(100 village per district) to link vulnerable people to HIV services.
- Integrated STI, HIV, TB and Hepatitis (ISHTH) Campaign launched in the state 16th September 2023
- 22728 Prison & Other inmates screened in 208 points, link reactive clients to public health facility
- 28 Employer led model intervention in the industries & PSU of the state
- 39456 HRG screened for HIV in Community Based Screening Camp
- 21624 Sex workers out of 24673 availed Ration Card as per the orders of Hon'ble Supreme Court

IEC & Mainstreaming

Create awareness among youth, migrants and other vulnerable population under NACP

- During RathaYatra in the month of June'23, spots on HIV/AIDS has been telecasted through Doordarshan alongwith their YouTube channels
- The Red Run (MARATHON), Drama Competition, Quiz Competition have already been completed at district & state level. **Odisha** has got **3rd position** in **Regional Quiz Competition.**
- Capacity building of DLN for community system strengthening at district level has been completed in Ganjam & Cuttack districts.



State Red Run by College

- District level Training for Mission Shakti on Basics of HIV/AIDS and Act 2017 has been completed in Nawarangpur & Khurda districts.
- During World AIDS Day - 2023, Auto Branding on '1097' awareness in 900 nos. of Autos in khurda district, Mass Rally by college students, Sand Art by SBI, Flash Mob etc have been done.
- 16,90,000 nos. of Bulk SMS campaign on HIV/AIDS through BSNL on World AIDS Day - 2023
- Awareness through different social media handles of OSACS like Instagram, Twitter, Facebook & YouTube
- Regional level Complaints Officers training on HIV/AIDS Act, 2017 have been completed in Korpaut, Ganjam & Bolangir regions and will be organised on 19th Feb'24 in Khordha region during FY 2023-24.
- 300 nos. (approx.) of YRC Counsellors (Lecturers), Volunteers (College students), district officers across the state have been sensitized on HIV/AIDS during the State level Training Camp in collaboration with IRCS, Bhubaneswar from 5th to 7th Feb'24.



ASHA training session on EMTCT



Students of PRN MCH performing street play on HIV/AIDS

- 500 nos. (approx.) of Counsellors (Teachers), Volunteers (School students) have been sensitized on HIV/AIDS during State level JRC Study –cum-Training Camp in collaboration with IRCS, Bhubaneswar from 30th Jan to 3rd Feb'24.
- Folk performances have already started from 22nd Dec'23 by 22 nos. of Folk Troupes in 9 nos. of districts i.e.
- Awareness on HIV/AIDS through 2 nos. of IEC Vans in Ganjam district has been completed successfully.
- Display of awareness messages on HIV/AIDS at 4 nos of Bus stops in Sambalpur district at Store Chhaka, Hirakud Railway Station, Nua Zamda & Durga Mandira Chhaka is going on & upto 18th Feb'24.
- State rules under HIV/ AIDS Act 2017, Draft State rules has already been framed. Ombudsman has already been designated. The draft rule also processed, soon after approval of department concerned, the rule will be notified.

Strategic Information Division

Monitoring physical progress through real time applications Strengthening overall Care for HIV beneficiaries – SOCH. Conducting HIV Sentinel Surveillance (HSS) in every 2nd year to evaluate HIV epidemic in the state, the 18th round of HSS Plus start from January 2023 for ANC & Prison inmates, further HSS for HRG & IBBS PLHIV will commence from February 2024.

CHAPTER 14

Acharya Harihar Post Graduate Institute of Cancer

The ecosystem of Odisha cancer care has undergone a metamorphosis in the recent past. AHPGIC is playing the leading role in this transformation.

- A 30 bedded Day Care services and Linear accelerator Machine were dedicated by the Hon'ble Chief Minister of Odisha on 06.10.2023.
- Two new radiotherapy bunkers have been constructed and two more state of the art Linear Accelerators have installed for treatment under SCI program in 60–40 scheme which are used for precise and advanced radiotherapy treatment of cancer. There are four state of the art LINACs in AHPGIC, Cuttack.
- A new Brachy Therapy system to strengthen the capability of intracavitary radiotherapy service has been recently installed.
- Pathological department has been modernized with installation of new equipment and introduction of immuno-histochemistry studies. Biochemical tests and culture sensitivity added strength to the diagnostic services. Molecular studies have been initiated under NIDAN scheme on PPP mode, the cost which is borne by the State Government.
- An International service provider has been identified through a transparent method for providing comprehensive facility maintenance services (CFMS) for all services covered under NIRMAL++ in respect of AHPGIC, Cuttack.
- MD (Anaesthesiology) and MD (Pathology) has been started from this year at AHPGIC.
- Nine batches of state level training for doctors and paramedics staff on “colposcopy, biopsy and thermocoagulation for screening of cervical cancer”, “screening of Breast cancer” and “screening of cervical cancer” were organised.



The future of AHPGIC looks very bright. Further expansion is linked with the SCB redevelopment plan. Under this, the bed strength will be enhanced to 1000 beds. 15 table modular OT complex, new OPD, Academic area, hostels have been incorporated in the plan. The master plan has been prepared by a reputed consultant and submitted to the government. The physical work is going to commence very soon.

Besides development of AHPGIC, under Odisha Comprehensive Cancer Plan (OCCP) 1029 Cr is sanctioned for 11 cancer wings dispersed all over the state. This will improve the accessibility of cancer care for the entire population by ensuring cancer care across the length and breadth of the state. The govt. has a grand vision for the development and delivery of quality cancer care to the people of Odisha. The AHPGIC being the nodal centre in this plan is making an earnest endeavour to realise this dream project.

Hospital Statistics:-

SINo.	Particulars	Number
1.	Total No. of OPD registration:	145361
2.	Total No. of Admission:	26380
3.	Total No. of Pathological Investigation:	871107
4.	Total No. of Radiological Investigation:	20806
5.	Total No. of OT Procedure:	2356
6.	Total No. of Chemotherapy Cycle:	31730
7.	Total No. of Radiotherapy Treatment:	7652
8.	Total No. of PET CT Scan Test (PPP mode):	4405
9.	Total No. of CT Scan Test (PPP mode):	12549
10.	Total No. of MRI Test (PPP mode):	5084
11.	Total No. of Molecular Test (PPP mode):	781

CHAPTER 15

Strengthening Blood Services

- Blood Centres: Director Blood Safety Supports 56 State/Central Govt Blood Banks, 2 Central Red Cross Blood Bank, 29 Central Pvt blood Banks and 42 no of functional Blood storage units in the state of Odisha.
- Blood Component Separation Units: 27 Nos of Govt/redcross/Pvt Blood Component Separation Units are functioning in the state.
- Blood Collection in the year 2023: The Total Blood Collection was 5,23,200 units out of which the total voluntary blood Collection is 3,63,968 units i.e 69.5% of the total blood Collection.
- Provision of NAT tested Blood: There is a provision to supply NAT tested blood at 11 Blood Centres i.e SCB MCH, Cuttack, CRCBB, Cuttack, MKCG MCH, Berhampur, VIMSAR Burla, Capital Hospital, Bhubaneswar, BMC Hospital, Bhubaneswar, DHH Bolangir, SLNMCH Koraput, SDH Jeypore, DHH Balasore and DHH Baripada.
- e-Blood Banking: e-blood banking is operational in 69 Blood Centre (55 Govt, 1 Red Cross Blood Banks and 13 Private Blood Banks) in the State.
- Free Blood transfusion (service charge exempted): 5,10,320 units of free blood transfusion (service charge exempted) was issued during the year 2023.
- Transport cost assistance for blood disorder patients: 24,267 blood disorder patients have been provided the transport cost assistance @ 500/- per person /per month.
- Mobile Blood Collection Vans: The Sixteen Nos of Mobile Blood Collection vans were provisioned for 15 Nos of Govt blood centres in the state.
- “Control of Sickle Cell and Thalassemia Diseases in Odisha” Project: The Programme is functional at 15 Districts of Odisha in Collaboration with CMC Vellore and the screening of Pregnant Women is being done since 2017 at the RI sessions. The Aim of the Project was to increase access to testing, counselling and pre-natal diagnosis along with counselling and screening of individuals and couples. 2, 15,000 Nos of samples have been tested so far in this programme.
- National Sickle Cell Mission Programme: The programme will initiate diagnosis, prevention and management of Sickle Cell Disease in a mission mode covering the entire population (0-40 years) involving screening and awareness strategies. In the first phase 0-25 year population of the 30 districts of the state will be covered. The screening will be through the Point of Care Method at field level, Gazelle at Institutional level and Dried Blood Spot-HPLC method is piloted at Ganjam, Gajapati and Rayagada. Till date 14,41,648 Nos were screened and uploaded in the portal. Out of that sickle Cell negative are 12,44,610, Sickle Cell trait are 1,31,416 and Sickle Cell Disease are 53,344. All the Sickle Cell screened individuals will be distributed Sickle Cell Status Cards.

CHAPTER 16
State Health Assurance Schemes

BijuSwasthyaKalyanYojana (BSKY) has been launched as a path breaking program to provide universal health coverage, with emphasis on the health protection of vulnerable families and women. BSKY scheme has two components as below:

Component-1 (Cashless Health Care in State Government hospitals)

State Government will bear the full cost of all health services delivered to all patients (irrespective of income, status or residence) in all State Government health care facilities starting from Sub Centre level to District Head Quarters and Government Medical College Hospital level.

Component-2 (Cashless Health care in empanelled private hospitals)

State Government will bear the cost of healthcare provided in empanelled private hospitals within and outside Odisha to all BSKY Smart Health Card/ NFSA/ SFSS card holder families in the State, for an annual health coverage of Rs. 5 lakh per family and additional Rs.10 lakh for the women members of the family .

Achievement:

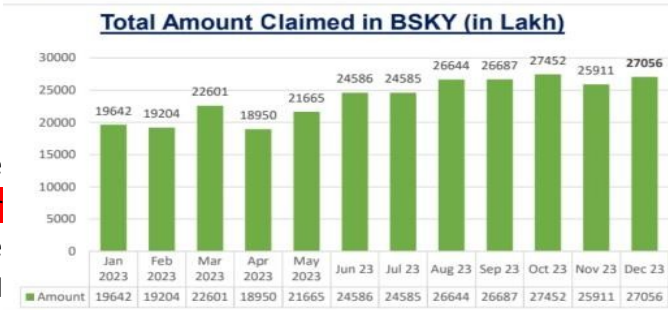
- BSKY(BijuSwasthyaKalyanYojana)–Universal Health Coverage**

All healthcare services, from OPD consultation to ICU and surgery, are provided free of charge to all persons, in all Government hospitals. Each year, poor families save Rs. 1000 crores expenditure on drugs, which is borne under Niramaya. Since 2015 onwards, around 1015 types of essential drugs provided free of cost to the patients which includes Cancer drugs, different vaccines, drugs for hemophilia and other vital life saving drugs. Similarly, the people of Odisha save over Rs. 240 crores each year on diagnostic expenses alone, as the same is borne by the Nidaan scheme.

- In addition to this, over 1 crore families of Odisha are provided with cashless healthcare in over 893 premier private hospitals across 17 States. The cashless coverage is up to Rs 5 lakh per annum for a family and Rs 10 lakh per annum for women members of the family.

- Till date, over 22 lakh families have saved over Rs 4600 crores towards health care expenses in premier private hospitals. Presently, every year, about 78,932 patients receive care of above Rs 1 lakh per annum, nearly 37,171 patients receive care of above Rs 2 lakh per annum, about 1,759 women patients receive care of above 5 lakh per annum, and over 101 Women patients receive care of Rs 10 lakh per annum.

- It is noteworthy that BSKY runs on a fully online, paperless



platform. BSKY Smart Health Cards have been provided to all eligible families. From patient identification (with biometric verification), blocking of medical care package, discharge, raising of claim by the hospital, verification of documents and release of payment to hospitals, all transactions are online and paperless.

- A unique feature of the scheme is that feedback calls are made to all patients receiving treatment under BSKY in private hospitals. It is an indicator of the success of the scheme that BSKY has sustained a record 98% Positive patient feedback over the years.
- In 2024, the BSKY NABIN CARD has been initiated to ensure that no family in Odisha is left vulnerable due to lack of financial resources to meet high expenditure for critical illnesses; thus, fulfilling the promise of universal health coverage for the people of Odisha. This card is meant for all those rural families (except for regular government employees, pensioners and income tax payers) presently who are not covered under BSKY. Beneficiaries are entitled to get cashless treatment of Rs. 5 lakh per annum per family and additional Rs 5 lakh for women members of the family. It will cover critical diseases like Heart Diseases, Kidney Diseases, Liver diseases, Brain Stroke, Severe Head Injury, Brain Tumour, Burns Management; Nerve & Muscle Diseases & Cancer at all empanelled private hospitals both inside & outside Odisha. BSKY NABIN will come in force from 1st May, 2024.

CHAPTER 17

Directorate of Health Intelligence and Vital Statistics

The Directorate of Health Intelligence & Vital Statistics, Odisha has been functioning as an independent Directorate since the year 2017. The Director of HI & VS is also designated as the Chief Registrar, Birth & Death, Odisha. He/She has the responsibility of coordinating and monitoring the works of all the Registrars, Birth & Death across the state.

➤ **Status about the registration units**

The Birth & Death Registration work in the state is being carried out through 314 Rural Registration units and 116 Urban Registration units. 100% reporting had been witnessed for the 430 registration units in the state for 2023.

➤ **Human Resources status**

Out of the 314 position of Vital Statistics Assistant Sanctioned in the state, only 80 are in position and recruitment for 234 posts is under process, Out of the 75 positions of Asst. Vital Statistics Officer, 20 are in position. Only one Vital Statistics Officer is in position. The posts of Assistant Director and Deputy Director are vacant.

The year 2023 has been a year in which the Directorate initiated some important steps for strengthening of the civil registration system in the state.

- I) Recently, 39 officers (Retd.) have been engaged as OSD.
- II) District Level Co-ordination Committee (DLCC) basically look after the co-ordination between the different departments which are connected to the registration of birth & death registration. 20 districts have conducted their DLCCs for the year 2023.
- III) The Inter Departmental Co-ordination Committee (IDCC) meeting for the year 2023 was conducted on 02.02.2024 under the chairmanship of the Commissioner-cum-Secretary to Government, Department of Health & FW, Odisha where important issues such as delay in submission of death report by inquesting officer for registration of death in case of un-natural death, involvement of PRI Members for demand generation about registration of birth & death implementation, extension of the AADHAR linked Birth Registration (ALBR) services to 250 Government hospitals. Different Departments such as PR & DW, WCD and School & Mass Education are involved to generate awareness regarding importance of Girl child in Society.
- IV) Using the Medical Certificate of Cause of Death (MCCD) online portal, 94,000 death data has been uploaded for the year 2023.
- V) Training of 354 doctors of MCH, DHH, SDH & CHC on Master Trainers on MCCD completed.
- VI) 6,76,394 number of births and 4,20,960 deaths have been registered in 2022. (Source: Annual report, 2022 submitted to Registrar General of India)
- VII) 93% of the babies have been issued birth certificates within 21 days of birth.
- VIII) 100% certificates of birth and death have been issued to the beneficiaries within 7 days of submission of application for getting certificates which is being covered by ORTPS Act-2012.
- IX) First Hand Information Reports (FHIRs) on Vital events are received monthly from all 30 districts.
- X) Reports are also received from all districts monthly on Communicable Disease / Non-communicable Disease status for surveillance.
- XI) The AADHAR Linked Birth Registration (ALBR) work has made a substantial progress in the state. For all births which are registered in the OBDRS portal, the AADHAR card is generated (BAALAADHAR). The

110 hospitals with delivery points have started functioning to provide ALBR across the State. The Data Entry Operators deployed by OCAC manage the ALBR in the respective hospitals.

- XII) For generating awareness about the birth and death registration among the people, the Directorate of HI & VS has developed a short video which is being circulated through whatsapp to the different sections of the population. The SIH & FW, Odisha has also circulated the video to all the DHH, where it will be displayed in the LED screens meant for communication of health messages

XIII)

Trend of Key Indicators: Odisha vs.India (Source: NFHS Survey Report)

