

ACTIVITY REPORT: 2022-23



HEALTH AND FAMILY WELFARE DEPARTMENT

GOVERNMENT OF ODISHA

ACTIVITY REPORT 2022-23



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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	106
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, 2022)

1.3 Resources and Budgetary Allocation for the Year 2022-23

For the financial year 2022-23(BE) an amount of Rs**1234245.83** Lakh had been made in the Health & Family Welfare Budget as detailed below:

Table 1-Resource and Budgetary allocation

SI No.	Budget Head	B.E(in lakhs)
1	Administrative Expenditure	330434.48
2	Programme Expenditure	903811.35
Total		1234245.83

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

PROGRAMME EXPENDITURE 2022-23

STATE SECTOR SCHEMES		(Rs. in lakh)	
SI No	Name of the Schemes	2022-23(BE)	
1	2	3	
1	Biju Swasthya Kalayan Yojana (BSKY)	NIRAMAYA	60000.00
		NIDAN	14900.00
		SUNETRA	2347.00
		SAMMPurNA	0.01
		Emergency Medical Ambulance Service (EMAS)	14858.21
		Odisha State Treatment Fund (OSTF)	5000.00
		Strengthening of Blood Services (including Grants to SBTC)	2900.01
		Odisha comprehensive Cancer Care Plan	30416.00
		Strengthening of Casualty Emergency & Trauma Centre	1523.37
		Swasthya Sanjog	1965.20
		Swasthya Sahaya	6246.62
		NAT PCR Facilities	1500.00
		Mental Health Programme	200.00
		Mobile Health Unit (PPP Mode)	457.04
		SHAS Establishment and other cost (Including Pvt Hospitals)	120000.00
		FTTF(Free Treatment of Trauma Fund)	4000.00
			Mukhya Mantri Bayu Swasthya Seva (MMBSS) (New Scheme)
	Sub-Total	266438.46	
2	Mukhya Mantri Swasthya Seva Mission (MMSSM)	Infrastructure Development of Health Institutions (Non Res)	107126.82
		Infrastructure Development of Health Institutions (Res)	11287.90
		Redevelopment Programme of SCB MCH	100000.00
		Swasthya Seva Bhawan	0.01
		Public Health Response	15000.00
		Health Investment Promotion Policy	100.00
	Sub-Total	233514.73	
3	Odisha University of Health Sciences (New)	1500.00	
4	Organ Transplantation Campaign (New)	0.01	
5	Special Campaign for reduction of Mortality rate (Maternal, Neonatal, Anaemic etc.) (New)	1000.00	
6	Malaria Control Programme (DAMMaN)	820.00	
7	De- addiction Centre	750.00	
8	Bio Medical Waste Management	1000.00	
9	Food Safety Programme	484.00	

STATE SECTOR SCHEMES			(Rs. in lakh)
SI No	Name of the Schemes		2022-23(BE)
1	2		3
10	Dedicated Power Supply		100.00
11	Diet		7634.67
12	Bedding, Clothing& Linen		0.12
13	Bio- Medical Waste Management Expenses		1171.35
14	KHUSHI		5000.00
15	Digital Health		887.10
16	Jeevan Uphar		120.00
17	Tele Medicine		410.00
18	Liver Transplant Unit		24.99
19	HMIS		1728.00
20	IEC		3000.00
21	Sanitation expenses		0.27
22	Corpus Fund		1100.00
23	Sports, Medicine and Rehabilitation Centre		100.00
24	Sickle Cell & Thalasemia		572.10
25	Decretal Dues (Charged)		100.00
26	Emergency fund	H & FW Deptt.	75.00
		DHS	75.00
27	Equipment	Medical College & Hospital Cuttack for starting new P.S Course	3000.00
		District Head quarter Hospital	8000.00
		Drugs Controller	70.00
		AYUSH	50.00
28	Family Welfare Scheme		51114.40
29	NIRMAL		53807.77
30	Training	ICU personnel & Nursing	181.37
31		Medical & Paramedical staff	30.00
32	AYUSH		103.64
33	Infrastructure maintenance (PH)		1800.00
34	Family Planning Indemnity Scheme		300.00
35	Skill Lab(Cuttack)		1000.00
36	State Capability and Resilient Growth Policy Programme-EAP(Externally Added Project)		0.01
37	Awards to Health Professionals /institute		500.00
38	Odisha Cardiac Care Programme		0.01
39	Renal Transplant Unit		48.63
40	ANM & GNM Schools		1089.04

STATE SECTOR SCHEMES		(Rs. in lakh)
SI No	Name of the Schemes	2022-23(BE)
1	2	3
41	Bone marrow Transplant Unit	10.00
42	Spare & Services (DMET)	900.00
43	Spare & Services (DHS)	200.00
44	Other Schemes	372.71
	Sub- Total	150230.19
	Total State Sector Schemes	650183.38
	Centrally Sponsored Schemes	
45	Rastriya Swasthya Suraksha Yojana (60:40)	0.06
46	National AYUSH Mission(60.40)	2000.00
47	Human Resource in Health & Medical Edn. (60:40) (PMSSY)	31200.00
48	Drugs Regulatory System (60:40)	0.06
	National Health Mission (60:40)	
49	National Rural Health Mission (60:40)	179160.24
50	National Urban Health Mission (60:40)	3587.50
51	Tertiary Care Programme(60:40)	0.02
52	PM-Ayushman Bharat Health Care Infrastructure Mission	32830.00
53	NMEP &NFCP-CSP &SS of CSP (50:50)	50.00
54	Setting up of Laboratories for Managing Epidemic and Natural Calamity(75:25)	0.06
	Total Centrally Sponsored Schemes	248827.94
	Central Sector Schemes	
55	T.B. Control Programme (Material & Equipment)	0.01
56	AYUSH (Education, Salary & Medicine)	0.00
57	Equipment for Hom. Edn.	0.00
58	National Goiter Control Programme (Other Contingency)	0.01
59	Materials & Equipment for Malaria eradication programme(NMEP)	0.01
60	Purchase of contraceptives Medicine & Equipments	4800.00
62	Human Resources Development for Emergency Medical Services	0.00
	Total Central Sector Schemes	4800.03
	GRAND TOTAL (PE)	903811.35

1.4 Major Activities & Achievements during 2022-23

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:

- 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.
- Best performing State for the month-long campaign under Azadi Ka Amrit Mahotsav for creation of Digital health IDs (Awarded by Ministry of Health & Family Welfare, Government of India during the 2021)
- Odisha achieved 2nd position among larger States in TB Control Activity in 2021 (Awarded by MoHFW, Government of India)
- Odisha achieved 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(Awardedby 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

- **Biju Swasthya Kalyan Yojana** : Free health services for all (irrespective of income, status or residence) in all State Government health care facilities is being provided. All treatment is cashless and no document is required to be produced. Free healthcare in empanelled private hospitals (604 nos.), through annual health coverage of Rs. 5 lakh per annum and Rs. 5 lakhs additional for women members per family per annum. From 1st September 2021 onwards, beneficiaries are availing entitlements under BSKY on production of New BSKY card or NFSA/SFSS card (if New BSKY Card not provided for some reasons). The BSKY benefit extends to 3.5 crore persons of 96.5 lakh NFSA/SFSS card holder families in Odisha. After launch of the BSKY smart health card from 1st September,2021, over 7.64 lakh beneficiaries have availed health services worth ₹1,681 crores from it. Out of these, 39,064 beneficiaries availed services of 110.25 crores in empanelled hospitals outside the state.
- 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:** Under this new initiative, calls to common 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 :**
 - Free Drugs provided to patients at all levels in Govt. facilities across the State under Niramaya Scheme. 750 types of drugs enlisted (Decided by District level Therapeutic Committee)
 - **532 computerized Drug Distribution Centres (DDCs)** have been established across the facilities up to CHC level
 - In addition to 39 District Drug Warehouses, efforts are on to operationalise **block level Drug warehouses** for distribution up to PHC level
- **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.
- **Strengthened Quality Assurance** Activities through steepening health institutions with additional funding under state specific scheme Swasthya Sahay- Exploring Innovation in Health Sector for achieving LaQshya and NQAS certification. 36 Public health facilities have certified under National Quality Assurance Standards (NQAS) and 22 health institutions have LaQshya certified by Ministry of Health and Family Welfare, Govt. of India.
- **Integrated Lab:** Public health labs set up in all DHHs, SDH, CHCs and HWC PHCs.
- 48 CBNAAT machines and 190 TruNat machines are functioning across the State at different levels
- **NCD clinics** are functioning effectively at 32 DHHs and 417 SDH and CHCs.
- **ICUs** are functioning effectively in 10 districts.
- **Dialysis Services (SAHAY)**
 - **Functional** : 36 Dialysis Centres in 30 Districts (PPP- 33 + System Managed - 3)
 - **Dialysis Machines:** **343** dialysis machines are available in 36 centers.
 - **Treatment:** About 7.08 lakhs free dialysis sessions conducted in 36 centres till date.

- **Strengthening of Free Diagnostic Services (Nidaan)** in all Public Health Facilities up to Sub Centre Level. More than 2.7 crores tests done under Free Diagnostic Services (Nidaan) for patients attended public health facilities from April'22 to Dec,2022.The key activities undertaken under Nidaan are:
 - **MRI Services:** Free MRI scans service given to 29920 patients during April,2022 to Jan, 2023 at 5 DHH and 3 MCH.
 - **CT scan Services:** More than 150208 patients received Free CT scan services during Apr, 2022 to Jan, 2023. This year 1.50 Lakh got Free CT scan services from during Apr, 2022 to Jan, 2023.
 - **Digitization & Reporting of X-Ray Services** -119/149 Facilities functional.
 - **Microscopy Centres at PHC HWCs-** Labs established & Microscopes provided.
 - **Special Fund to Facilities** out of State Specific Scheme –NIDAAN for managing recurring expenses on reagents & consumables (Example a PHC HWC receives about Rs. 70,000 per annum)
 - **High end Pathology Services** at all DHHs: Selected 20 types of tests Services under Free Diagnostic Services (Nidaan)provided in all DHHs in PPP mode. 178026 Patients received High End Pathology Services. (More than 2.87 Lakhs Tests done) in 32 DHHs during Apr, 2022 to Jan, 2023.
- **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 6400 Health & Wellness Centres:** All 12 Expanded Package of Services (EPS) services (RMNCHA,DCP and NCD) have been rolled out in 5770(89%) operational Health & Wellness Centres (HWCs). The Primary Health Care providers have been trained in EPS and are providing the services at the HWC PHC/SC health facilities. Required logistics for the same are being procured and placed at the HWC level. Introduced wellness activities like Yoga, Cyclothon, health Melas and other health promotion activities in 2022-23. 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 630 Ambulances (554 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 47.00 lakhs beneficiaries availed the services under 108 services & more than 39.00 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 56.5 Lakh 30 + years population screened for NCD from April to December 2022.
- Ensured effective implementation of Cash Incentives @500/- per month for more than 20,000 Blood Disorder Patients for continuing treatment till December, 2022.
- **Ensured effective implementation of Niskhya Poshan Yojana** for provisioning of Cash assistance @500/- per month per TB patient. More than 80% of eligible patients receiving Cash incentive through DBT from April to Dec, 2022.
- 60187(92.6%) TB cases notified (Both public and private sectors) from April to Dec, 2022
- **183870(81%)** cataract operations conducted under NPCB and VI from April to Dec, 2022
- **Dental Clinics** established at all DHHs, SDHs & 353 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). More than 4,56,406 free Blood Units given to patients during January to December 2021.
- 64 Malaria Sentinel site are functioning effectively during 2022-23.
- **Ama Clinic:** Provision of Specialist Services in Urban PHCs/CHCs is being made through Ama Clinic. At present, 105 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. 484.71 Crs has also been allocated for the year 2023-24 under XV-FC.
- **National Sickle Cell Disease Mission:** To improve care of sickle cell disease patients for their better future and to lower the prevalence of diseases, new scheme called National Sickle Cell Disease Mission has been launched as part of National Health Mission. About 2.40 Crs population will be screened for Sickle cell and Thalassemia diseases in next five years. A sum of Rs. 2668.02 lakhs has been proposed under Sickle Cell Mission in Supplementary NHM PIP 2023-24.

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 deptts & for collectors for disease outbreak management
- Strengthened review (fixed day monthly meeting)
- IDSP review done by collectors
- LLIN use, Mass screening (both symptomatic and asymptomatic) in inaccessible and hard to reach areas, Intensifying malaria surveillance under integrated anti-COVID drive etc.

Bio medical waste management: Currently all 1678 hospitals are under the Authorization administration of SPCB, Odisha. Liquid waste management system is established at 32 DHH, 30 SDH and 280 CHCs. 887 hospitals have received kayakalpa award in 2021-22.

Mental health: National Mental Health Programme is implemented in all 30 districts. Currently 30 DMHP (District Mental Health Programme) Units with six categories of staffs are established. Free psychotropic drugs made available through 'Niramaya'.

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

- Massive health sector reforms for strengthening of Human Resource for Health through Cadre restructuring, Place Based Incentives for doctors, corpus funds for difficult areas, transparent exit policy and creation of posts of doctors, Dental surgeons and posts of paramedics.
- Recruitment of Medical Officers is being done on regular basis through Odisha Public Service Commission (OPSC). Requisition has been placed with OPSC for recruitment of 3481 no. of Medical Officers of all categories which is under process.
- 2000 numbers of posts of Medical Officers (Class-I Jr) has been newly created vide Govt. letter No.26271/H dt.19.11.2022 thereby raising the entry level post from 8750 to 10,750.
- 146 numbers of posts of Dental Surgeon has been created vide Govt. letter No. 30408/H dt.15.11.2021, thereby raising the total no. of posts of Dental Surgeon from 438 to 584 in the State.
- Restructuring of Odisha Medical & Health Services Cadre (OMHS) has been done during 2016-17 with creation of 1330 new posts of doctors as per Indian Public Health Standard (IPHS) norms and requirement of the state there by increasing the total number of posts of doctors to 6719.
- Pharmacist: In 2022 Government have restructured the Pay of Pharmacist hiking the Pay & Grade Pay of Sr. Pharmacist, Chief Pharmacist & Assistant Director from Rs.2800/- to 4200/- , 4200/- to 4600/- and from 4600/- to 5400/-. Government has created 120 posts of Pharmacists in 6 new Medical Colleges of the State. Steps are being taken for promotion of 508 Posts of Pharmacist to the post of Sr. Pharmacist.
- **Laboratory Technician:** Government has created 187 posts of Laboratory Technician in 6 new Medical Colleges of the State and in PGIMER, Bhubaneswar.
- **Radiographer:** Government has created 48 posts of Radiographer in 6 new Medical Colleges of the State. Requisition has been made to OSSSC for 378 posts of Radiographer.
- Doctors are being posted through transparent computerized counseling process. Exit policy is also being implemented to allow doctors to be posted in Non-KBK & Non-TSP districts after completing a fixed tenure in KBK, KBK+ & TSP areas.
- Placed Based Incentive: The State Govt. has implemented place based incentive to Doctors who are serving in rural and remote areas with specific focus on KBK and KBK+ regions..
- Corpus Fund: Rs. 1 crore of corpus funds have been allotted to each KBK & KBK+ districts for human resources management.
- Contractual doctor's remuneration increased: The State Govt. has hiked of Rs. 15000 to Rs. 20000 over and above the existing remuneration for doctors engaged on contractual basis against the vacant posts of Asst. Surgeons/Specialists. Remuneration of contractual faculties in Medical Colleges enhanced to 1.25 Lakhs for Professor, 1.00 Lakh for Associate Professor and 0.50 lakh for Assistant Professor.

- Incentives for Medical College faculties introduced. Rs.1.25 lakh for Professor, Rs.1.00 lakh for Associate Professor and Rs.50,000/ for Assistant Professor in KBK area &30% of it in non-KBK area.
- Faculty in Clinical and Para-clinical subjects will avail Rs. 20000/- per month over and above the incentive.

Others Key RCH Intervention

- **First Referral Unit:** 78 FRUs are providing C section services out of 94 FRUs.
- **Janani Surakya Yojana (JSY):** Total **36,44,38** number of beneficiaries have been benefitted under JSY (from 2022-23 upto 3rd Quarter).
- **LaQshya:** Under this programme the LR & MOT will be standardized for providing quality care services. By 2nd Quarter of 2022-23, 20 nos. of OTs and LRs have been certified from State and National Level.
- **Maternity Waiting Homes (Maa Gruha):** So far **93** MWH are operational out of **93** targeted.
- **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 **46 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:** 170 **Mobile Health Units** are operational under State budget to provide primary health care services at the community level in 18 districts.
- **RBSK:** 636 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 2022-23, 65.82 Lakh children have been screened by MHT out of targeted 1.07 crore children.9341 children with birth defect are provided referral treatment and 43290 children are provided early intervention services at DEIC.
- **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. 4 One Stop Crisis Centres on pilot basis (Puri DHH, Sambalpur DHH, Capital hospital & MKCG Medical College) integrated with SHRADDHA clinic. Menstrual Hygiene Scheme (MHS) extended to 30 districts under NHM.
- **ASHA:** 48,843 **ASHAs in position** (49,149 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 47 cities to ensure availability of primary health care services through urban public health facilities of 105 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

- 11 new Medical College & Hospitals is being constructed at Bolangir, Koraput, Balasore, Puri, kalahandi, keonjhar, Mayurbhanja, Kandhamal, Kalahandi, Sundargarh & Talcher, District Angul (Constructed under CSR) (Koraput, Balasore, Bolangir & Baripada – Completed & functional).
- Two new Medical College & Hospitals at Jajpur & Kandhamal has been taken up under MO SARKAR.
- 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.
- 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.
- Major Health Infrastructure developments are being taken up in premier institutions like SVPPGIP, Capital Hospital, AHRCC under MO SARKAR Announcement.
- 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 73 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 – 51, Progress - 15**).
- 3145 new Sub Centres approved under GP SC Cotermious Plan.

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).
- Regular Ayush Doctors under State : 930/1293
- Contractual Ayush Doctors under NHM : 1231/1485
- One Pachakarma 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 24 in 2017 to 5 in 2022.

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%.

Taking above facts into consideration revamping of Public Health Infrastructure is being done as per revised IPHS norms. State has initiated new Constructions in 21 DHHs (8 completed and 7 in progress). State has also initiated establishment of MCH wing at 74 high case load facilities qualifying GoI norms. Drug Ware House with Racking system established across all 32 DHHs and 314 blocks.

Strengthening HR:

- 6486 Paramedics under NHM have been Regularized in 2021-22 (3007 SNs, 318 LTs, 22 Pharmacist, 2554 ANM, 567 MPHWM, 18 Radiographer)
- 2010 MO MBBS positions created since 2018-19 & 2153 are recruited (including vacancies).
- 17006 positions of Nursing Officers created since 2019-20 and of which 5695 are recruited.

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. 484.71 Crs has also been allocated for the year 2023-24 under XV-FC.

- 11 new Medical College & Hospitals is being constructed at Bolangir, Koraput, Balasore, Puri, Kalahandi, Keonjhar, Mayurbhanja, Kandhamal, Kalahandi, Sundargarh & Talcher, District Angul (Constructed under CSR) (Koraput, Balasore, Puri, Sundargarh, Keonjhar, Bolangir & Baripada – Completed & functional).
- Two new Medical College & Hospitals at Jajpur & Kandhamal has been taken up under MO SARKAR.
- 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.
- 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.
- Major Health Infrastructure developments are being taken up in premier institutions like SVPPGIP, Capital Hospital, AHRCC under MO SARKAR Announcement.
- 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 73 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 – 51, Progress - 15).
- Construction of IPD & OPD complex at SDH/CHC, 80nos IPD/OPD complex has been under taken with an amount of Rs. 64.36 crore (Completed -16).
- 2288 sub centers buildings has been taken up out of NHM, PM-ABHIM, XV-FC with an approximate financial involvement of Rs.1052.48 crore are being constructed (More than 100 Nos are under progress).
- 254 PHC N buildings with an approximate financial involvement of 349.38 cr. constructed.
- Rs.1062 crores has been provided under State Plan for infrastructure Development of different level of health facilities like CHC, PHC, Repair renovation of existing of PHC/CHC and new construction of Staff Quarters.
- 102 UPHC/ UCHCs has been newly constructed with a financial involvement of Rs.75.00 lakhs @ per UPHC/UCHC and additional 24 new proposals for construction of UPHC/UCHC also been approved in current financial year.
- 5400 Sub Center buildings converted to Health Wellness Centre with a financial involvement of Rs.378 crore (most of the works already been completed & functional)
- 1260 of PHC Buildings converted to Health Wellness Centre @ 4 lakh /PHC (Completed-894)
- Special & Critical Child Health Care facilities construction of 34 Nos 50 Bedded of Critical Care Health Block at DHH level under PM-ABHIM & XV-FC with a financial involvement of Rs.1276.02 crore has been taken up.
- Establishment of Integrated Public Health Lab at 30 DHH with a financial involvement of Rs.5632.00 lakhs has been taken up (12 new construction & 18 renovation/ up-gradation).
- Construction & Establishment of LMO & Oxygen Meneafold Plants has been established in all DHH & Medical College and Hospitals with a financial involvement of Rs.42.76 crore.
- For strengthening and proper management of Critical and typical epidemic situations 6 bedded – 619, 20 bedded-173, 50 bedded – 16 nos Covid 19 Prefab structures under ECRP-2 has been taken up and most of the works are at finishing stage. (Completed – 206 & Progress - 602).

- Funds @ Rs.75.00 lakhs for 197 Nos of BPHU and @ Rs.50.00 lakhs for 117 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.
- 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

Budget sanctioned

Year	Amount approved (Rs. In lakhs)
2017-18	25,175.41
2018-19	27,986.71
2019-20	14,771.00
2019-20 (Supplementary)	28602.05
2020-21	20714.72
2021-22	32127.79
2022-23	60,725.53

- 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



DWH at DHH Nabarangpur



Construction of L.M.O. at Medical College & Hospital, Balasore



New DHH & 100 Bedded MCH at DHH Bargarh



Construction of Medical College and Hospital , Keonjhar



ANMTC at DHH Bolangir



Construction of SC at Jyotipur, Keonjhar



Const. of 50 Bedded IPD Building at SDH Baliguda, Kandhamal



Const. of Labour Room at CHC Dukura, Mayurbhanj

2.2. Ayushman Bharat-Health and Wellness Centres:

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 5770(89%) 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.

All 5 types of screening are being conducted in the HWCs. The status till January 2023 is furnished below.

	Screened	Referred By Screening	Diagnosed	Under Treatment
Hypertension	1,35,30,629	9,29,734	2,86,189	2,78,629
Diabetes	1,34,82,923	7,65,794	1,23,978	1,21,896
Oral	1,33,02,330	60,428	821	445
Breast	63,96,642	40,971	199	27
Cervical	26,66,010	1,06,268	599	101

Other Major Initiatives at HWC level:

Tele-consultation Services: 1543518 Sessions already conducted. 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 Paediatrics, Cuttack.

The state has revised the modus operandi and has 10 Medical Colleges as HUB and one virtual HUB. 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). 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

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. 70,000 per annum).
- High End Pathology Services at all DHHs (Selected 20 Types of Tests) through PPP Mode .
- CT Scan Services: Plan at 29 major DHHs, Operational- 11
- Digitization & Reporting of X-Ray Services -119/149 Facilities functional
- Dialysis Services: 31 Dialysis Centres in 28 Districts (PPP- 28 + System Managed - 3) with average 2.5 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. 15 districts covered under **CMC Vellore Project** for control of Sickle Cell & Thalassemia. **E-Blood Bank** software operational in the State.

2.5 RMNCH+A Related Major interventions

2.5.1 Reproductive Health

The focus during 2022-23 is on strengthening availability of integrated Reproductive health services by regular review through existing mechanisms as well as by providing supportive supervision and mentoring support through technical agencies

After the pandemic, to retrieve Family Planning services State had taken major initiatives. So, special emphasis was given to make reversible methods of contraception available for the clients through ASHAs. Periodic reviews and commodity availability improved the utilization of all methods of Family Planning (refer to table below for FP service statistics). Apart from the regular activities planned for the year 2022-23 a few additional activities have been planned for the year which have been mentioned 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: 63 FRUs** are providing C section services out of 94 FRUs.
- **Delivery points: In 2020-21 out of 1190** prospective delivery points **533** institutions are already functional.
- **Janani Surakya Yojana (JSY):** JSY have been instrumental in increasing the institutional deliveries. Total **36,44,38** number of beneficiaries have been benefitted under JSY (from 20221-23 upto ^{3rd} Quarter).
- **Janani Shisu Surakshya Karyakram(JSSK)** –Total 2,32,281 nos. of pregnant women have received various JSSK entitlements during the first 2 Qtrs of 2022-23.
- **Comprehensive Abortion Care (CAC):** In the State 259 facilities are providing Comprehensive Abortion Care.
- **Village Health Sanitation & Nutrition Day:** 99% of VHSND Sessions organized during 2022-23 (Up to September-22)..
- **Obstetric HDU & Hybrid ICU:** For providing critical care for obstetrics cases, 3 High Dependency Units are functional in 3 DHH (Kandhamal, Kalahandi & Keonjhar district) and 2 Hybrid ICUs in MCH MKCG, & MCH SCB.
- **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:** IFA & Calcium Supplementation - About 4.3 Lakhs Pregnant women covered during 2022-23 (Upto Dec 2022).Inj. Iron sucrose, Inj. FCM & Blood transfusion services are made available at Institution level for pregnant women with severe anemia along with one time de-worming of all pregnant woman.
- **PMSMA:** This programme focused on screening of antenatal cases by doctor preferably O&G specialist at least once during 2nd or 3rd trimester. During the year 2022-23 (Upto Feb 2023) 2,11, 147 nos. of antenatal cases have been screened. 23,200 nos. of high risk cases has been detected who were given Red Card.



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. 46 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 3796113 Under 5 children were covered in 2022-23. The proportion of U5 who were distributed with prophylactic ORS has increased from 84% in 2017-18 to 100% in 2022-23. 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 2022-23 till Dec.22, 1513011 children were visited, of which 2% were identified as sick and 80% 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 2022-23, 65.82 Lakh children have been screened by MHT out of targeted 1.07 crore children. After covid pandemic situation in 2020-21 & 2021-22, RBSK screening activities at AWC & Schools at rural & urban areas has been reinitiated.

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 2022-23, 306416 new born have been screened at delivery points and 9181 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 386 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 2022-23, 2005 number of sick new born are screened and 134 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, 9341 children with birth defect are provided referral treatment and 43290 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

The ambulance services are accessible with a single toll free number “108” and Health Helpline with single toll free 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 Government of Odisha has initiated comprehensive pre-hospital emergency medical service with introduction of a **fleet of ambulances (EMAS)** at free of cost for the people of Odisha since 5th March, 2013. The fleet size of EMAS ambulances stands now at **624** (512 BLS +112 ALS) and that have been augmented in a phased manner. Over 48 lakh patients have been benefited by this service.

- Average response time of EMAS ambulances is 28 Minutes 58 Seconds (Target-30 Min)
- Total 7,49,094 patients have availed the EMAS Ambulance Services during the year 2022-23 (up to Dec 2022)

B. Boat Ambulance Service:

In a bid to provide transportation to sick and injured in the cut-off riverine areas of 4 districts namely Kendrapara, Kalahandi, Koraput and Malkangiri, the Government has sanctioned **6 (six) Boat Ambulances**, as feeder services to both Emergency Medical Ambulance Services and Referral Transport Services.



- 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 923 patients have been transported by these Boat ambulances during Emergency situations.

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

Under Referral Transport Ambulance Service , a fleet of 500 Janani Express were made operational since 14th July 2014 with a dedicated Toll free number 102 in order to provide free referral transport services to all pregnant women and sick infants seeking health care services at government health facilities. The service is continuing at present with the Toll Free number 102 integrated with that for 108 Emergency Medical Ambulance Service for the convenience of use of the general public. Thus both Referral Transport Service & Emergency Medical Ambulance Service are available on one **single Toll free number “108”**. More than **39 lakh beneficiaries** have been benefited so far through this referral transport service system.



- Average response time of Referral transport ambulances is 27 Minutes 53 Seconds (Target-35 Min).
- Total 3,70,967 cases have availed these Referral transport Ambulance Services during the year of 2022-23 (up to Dec 2022).

D. 104 Health Helpline

- Initially, 104 Health Helpline with 10 seats 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. As of now, about 28 lakh calls have been received by 104 Health Helpline and about 2.4 lakh calls have been received during the Year of 2022-23 (**Till Dec, 2022**).
- Early Childhood Development programme is being implemented by utilizing 8 Seats (for 6 Counsellors and 2 for Medical Consultants) of 104 Health Helpline
- Since the Covid-19 pandemic situation of March 2020, 104 Health Helpline had been functioning as the designated **State level Health Helpline for COVID-19** , and from 1st January, 2022 , other campaigns under 104 Health Helpline have been started .



Forward Plan

In accordance with the Govt. approval under **Emergency COVID Response Plan (ECRP)-Phase-II 2021-22**, the state has initiated the process for district wise up-gradation of 299 BLS ambulances as ALS ambulances under EMAS, for augmenting the referral capability of the service across the state . The required installation of Medical equipment in those earmarked 299 BLS ambulances is in progress.

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 a pivotal role to support for the attainment of health and wellbeing of the people. It is their facilitation support at the community level, commitment and dedication which has helped the health system to achieve the desired results. Noteworthy 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 48,843 ASHAs (both at rural and urban areas) are in place in the state (Target-49,149) 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 gone upto a total of 64 activities (14 assured activities and 50 activities under RMNCAH+N, DCP, NCD and others) during the year 2022-23. Provision has also been made for payment of Rs. 4500/- to all ASHA 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 getting minimum assured incentive amounting to Rs. 4500/- per month by an ASHA (@ Rs. 3500/- towards performance against set of 14 PIP approved activities and Rs.1000/- from state budget fund on conditional basis. This is intended to retain the sustained motivation of ASHA in the programme.

ii) Compensation for death and permanent disability: Provision has been made for payment of financial compensation upto Rs.2 lakhs (Enhanced from 1 lakh to 2 lakhs w.e.f April, 2022) in case death and permanent disability of a serving ASHA under ASHA Kalyan Yojana. During the year 2021-22, compensation towards death of ASHA @ Rs.1 lakh has been paid to the family of 73 deceased ASHAs and 76 numbers during April - December, 2022.

iii) Exit Policy: Exit policy for ASHA is an initiative to ensure that the community is having the presence of an effective and vibrant ASHA in the village and at the same time 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 46 ASHAs have been benefited under exit policy during 2021-22 and 48 numbers during April - December, 2022.

iv) Maternity Benefit for ASHA: In order to have a proper care during delivery and child birth of ASHA, provision has been made to pay 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 28 ASHAs have been benefited under maternity benefit scheme during 2021-22 and 21 ASHAs during the period April - December, 2022.

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 35766 and 43774 ASHAs have been enrolled under PMJJBY & PMSBY respectively by the end December, 2022.

D. Other support provisions for ASHA:

- i) **ASHA Gruha:** 142 ASHA Gruhas are functioning in major health institutions of the State as a help desk for ASHAs and to provide stay at institutions while they accompany pregnant women for institutional delivery.
- ii) **Weightage to ASHAs for admission into ANM & GNM Course:** ASHA who fulfill the eligibility criteria for admission into ANM/GNM will be given 2% extra marks for each completed year of service as ASHA, subject to a maximum of 20% additional marks. ASHA will be allowed to pursue the course both in Govt. and Pvt. Nursing Institutions. A total of 27 ASHAs have got the opportunity to take admission in ANM course.
- iii) **Weightage to ASHAs during selection of ANM:** For selection of ASHA as ANM, additional weightage of 1% mark for each year of service is given to eligible ASHAs, subject to a ceiling of 15% additional marks in the ANM recruitment process. After completion of the course a total of 12 ASHAs have been selected as ANM.
- iv) **ASHA Uniform:** 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 better 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) have been provided to all ASHAs.



E. Certification Programme for ASHA: In order to formalize the eligibility of ASHA to provide community level cares for a range of activities, ASHA certification programme is being implemented in 6 districts like Boudh, Bolangir, Cuttack, Kalahandi, Sonepur & Sundargarh in collaboration with National Institute of Open Schooling (NIOS) and NHSRC, New Delhi. The programme is intended to enhance the competency and professional credibility of ASHAs and allow them to use a set of drugs. A total of 2753 ASHAs have been enrolled under certification course by December, 2022.

F. Reward & recognition to ASHA: To acknowledge and appreciate the contribution of ASHAs in providing health care 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 2021-22.

The state is committed to provide an enabling environment to all ASHAs and thereby sustaining their motivation for an improved work performance at the community resulting in achievement of health indicators.

2.8 Gaon Kalyan Samiti (GKS)

Village Health Sanitation and Nutrition Committee (VHSNC) is known as Gaon Kalyan Samiti (GKS) in the State of Odisha and constituted as a part of National Health Mission (NHM) initiative. It is a revenue village level platform and acts as a simple and effective management structure to facilitate for improvement of health, nutrition and sanitation situation of the village with accelerated community participation and action.

Ward Member acts as the President, AWW acts as the Convener and ASHA acts as the Facilitator of GKS. At present there are 46064 GKS functional in the State.

Community level initiatives using untied fund:

Annual untied fund of Rs.10000/- is 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. A number of exemplary activities were taken up by GKS in a quest to make their village a healthy village. The GKS untied expenditure is 97% during the year 2021-22.

VISHWAS initiative to promote healthy behavior among people: VISHWAS initiative is being implemented across the State to improve health, water, sanitation and nutritional condition of the local community through awareness campaign, rally, sensitization meeting, 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. Total 77026 GKS members are trained under the capacity building programme by March, 2022 who spearhead the community level action.



Management of Malaria, Dengue & Diarrhoea:

For prevention & management of Malaria, Dengue & Diarrhoea cases at the community level, GKS took a number of initiatives with the support of Gram Panchayat and SCHWC-JAS. They undertook sensitization meeting & mass cleanliness drive to create awareness among the community on the use of 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 towards addressing social issues / stigma:

GKS undertook a number of activities in order to eradicate the evil social practices and stigmas. Notable among them are the efforts against prevention of Chenka to the new born, early girl child marriage, female infanticide & other social stigmas which has an impact on health. A concerted effort on all these issues resulted in eradication of social evils from their respective community.

Efforts for better Health & Hygienic condition:

GKS in various part of the State has undertaken various need based activities for maintaining better health & hygiene condition in their village by undertaking activities like setting up Dustbin, conducting sanitations drives & sensitization meeting to boycott use of Plastic & Polythin bags etc.



Awareness generation through Swasthya Kantha: Swasthya Kantha is the interactive health bulletin board which is maintained 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 & GP. Near about 45500 Swasthya Kanthas at GKS level and 5000 Swasthya Kanthas at GP level are prepared updated at the prominent places in order to create awareness among people.

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 & Sustha Panchayat Puraskar:

Appreciation of the good work always creates further motivation among the stakeholders. In order to appreciate the good work done by the GKS and GP in addressing issues related to health and social determinants, Sustha Gaon & Sustha Panchayat Puraskar have been given to the GKS and GP respectively. During the year 2021-22, total 312 GKS & 126 GPs have been awarded Sustha Gaon & Sustha Panchayat Puraskar for their outstanding performance at the community level.

Accelerated community level efforts is the key to the success of any health programme implementation, for which GKS has played a crucial and decisive role.

2.9 NGO Collaboration Projects

A. PHC(N) Management Project:

Access to primary health care remains uneven across the length and breadth of the State of Odisha. The NHM support has improved health care particularly for the vulnerable marginalized and those living in underserved areas such as remote rural geographies. With a view to further improving the quality of the primary health care in terms of clinical care services, NHM consider it desirable to hand over the function and responsibilities of operating and managing the selected Primary Health Centers (PHCs) located in remote and vulnerable areas to a concessionaire who would be allowed to operate and manage such facilities in accordance with the terms and conditions laid down in this 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 such PHC(N)s managed in PPP mode have been converted and functional as Health & Wellness Centers (HWC). There is remarkable improvement in service level key health indicators like OPD, Institutional delivery, Laboratory test, formation and operation of Jan Arogya Samiti (earlier known as Rogi Kalyan Samiti). A detailed comparison between current year and previous year i.e 2020-21 is given below.

Sl No	Key service level Indicators	2020-21	2021-22
1	General OPD	40 (Avg. per day)	45 (Avg. per day)
2	AYUSH OPD	17 (Avg. per day)	20 (Avg. per day)
3	Institutional Delivery	10 (Avg. per month)	12 (Avg. per month)
4	Lab Test	19 (Avg. per day)	27 (Avg. per day)
5	Functional Delivery Point	18	20

To ensure quality certification, 4 PHC(N)s i.e Gaudagotha & Manitara in Ganjam District, PHC(N) Gudgudia in Mayurbhanj District and Sirimula in Dhenkanal District have qualified NQAS Certification by Govt. of India. In the FY 2021-22, total 19 PHC(N)s have qualified Kayakalp. 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.

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 at least BeMOC facilities for delivery.



During the year 2021-22, total 91 Maa Gruha projects were functioning in the difficult and tribal blocks in 16 districts. Total 26166 pregnant women were admitted in the Maa Gruha, out of which 23566 PWs (90 % against

admission) have gone for institutional delivery to the nearest BeMOC facilities for delivery. The avg. staying days of a beneficiary at Maa Gruha is 8.

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 through NGO partnership. Total 21 Arogya plus projects in 8 districts are operational. The project is being operationalised out of the State budget. The project is covering selective 4/5 GPs in a block having inaccessible and difficult to reach areas.

Achievements:

- Total **11264** tagged villages have been covered during the period April' 2021 to March'2022.
- Total treatment points =10228, out of which 9959 treatment points attended.
- 498 positive malaria cases diagnosed positive & given treatment.
- 530 cataract cases identified and referred.
- 541 no. of cases mobilized for male & female Sterilization (in no.)
- 1774 nos. of cases facilitated for early ANC registration at HWF within 3 months of pregnancy.
- 542 immunization session organized
- 414 nos. of delivery cases transported through vehicle to nearby institutions
- 3703 Health education sessions conducted in villages & schools



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 during COVID-19

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 most commended.

Training of Ayush Doctors

Various types of training programme are being imparted to AYUSH Medical officers to upgrade their knowledge & skill during 2022-23.

2.11 Hospital Development activities

Quality Assurance

For improvement of overall quality of health care services in Public health facilities, sincere efforts were made to develop public health facilities for citification 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. 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. In addition, 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 both in-house and outsourced model.



National Quality Assurance Standard:

- **NQAS Certification:** Till the Year 2022-23, three DHHs, 4 CHCs, 20 UPHCs and 9 PHCs are National NQAS Certified and 11 PHCs and 5 UPHCs were state NQAS certified.
- Sustainable efforts made for certification of more number of hospitals. This year also efforts initiated for NQAS certification of HWC-Sub centers for ensuring quality Health services at grass Root level.



Laqshya: State has implemented National Quality Improvement

Program for Intrapartum and immediate post partum care delivered in Labour Room and Maternity OT.

- 16 DHH, 1 MCH, 3 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 2021-22, all the DHH, SDH/CHC, PHC & UPHC were taken up for the Kayakalp award programme. **Total 22 DHH, 173 SDH/CHC, 423 PHC, 73 UPHC and 196 HWC-SC (Total 887 hospitals) qualified for the Kayakalp award.**

2.12 National Urban Health Mission (NUHM)

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.

Urban PHC-Health & Wellness Centre

At present, 105 Urban PHCs have been converted to Health & Wellness Centres with 12 mandated services, Yoga, Nutrition, Geriatric care, NCD Park and Open Gym facilities in addition to free drugs and



Diagnostics services.

Major Services

The urban health facilities provides Outpatient services, Specialist services, Immunization and other outreach services. Family Planning Corner, Drug Distribution Centre (DDC) and Designated Microscopy Centre (DMC) have been provisioned in 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 (Upto December 2022)	3603028

Ama Clinic : The Specialist Clinics, an innovation of Govt. of Odisha is being implemented since December 2017 in all the urban health facilities. At present, 105 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 3087095 patients have been provided the specialist services under AMA clinic.

Quality Certification

20 nos of Urban PHCs have received national Quality certification from Govt. of India under National Quality Assurance Standard (NQAS). During the year 2020-21, 73 Urban PHCs and 3 Urban CHCs have received Kayakalpa awards, 101 urban PHCs and 6 UCHCs have received ISO certification.

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

Community process: 2018 urban ASHA are in position in the slums of NUHM cites/towns. 3387 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, COVID vaccination, 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 to select best performing MAS at UPHC/ City level. 1097 Ward Kalyan Samitis have been formed at the ward level under NUHM Cities/towns.

112 Rogi Kalyan Samiti/Jan Arogya Samiti have been formed in all urban health institutions. Since 2017, in total 271140 sessions of UHSND have been observed at the community and 720 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 (Upto Dec,22)	51552	34232	66.4	84	53	63.1

Training:

Training modules have been developed for the training of Medical Officer, 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.

Finance :

	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23 (Upto Dec,22)
Total Approval (in lakhs)	2906.20	4092.86	5286.48	5017.23	5211.87	6469.63	8768.05
Expenditure (in lakhs)	3522.96	5619.38	5350.21	5356.42	4384.19	5857.90	5542.16

Urban Health & Wellness Centre and Poly clinic

Under XV-FC grant , 54 Urban Health & Wellness Centres(UHWC) and 14 UPHC- Poly Clinic have been operational by December 2022. 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

Major Achievements as of Feb'23

- 1579 MBBS BEmOC trained doctored are providing 'Basic Emergency Obstetric and Neonatal Care' at CHC and AB-HWC.
- 13809 SNs & ANMs are trained in SAB training and providing services 24x7 at FRUs, CHCs and AB-HWC .
- 175 MBBS doctors are trained in LSAS and 53 MBBS doctors are trained in EmOCNC/CS training and providing CS services at FRUs
- 345 MBBS doctors and 244 LTs are trained in BSU management training and providing service at BSU of FRUs.
- 85 O&G specialist are trained in USG to provide required service on PMSMA day.
- 1847MBBS and SN are trained in FIMNCI training and providing 24x7 services at SNCU.
- 73 doctors and 118 SNs & Pharmacist are trained in 3 months ICU care training at SCB MCH, Cuttack and AIIMS,

BBSR.

- 1186 MBBS & 968 AYUSH doctors are trained on HWC & NCD training to functionalise designated AB-HWC
- 974 MBBS & 942 AYUSH doctors are trained on EPS training under AB-HWC.
- 3724 CHOs are trained in 'Expanded Package of Services (EPS)' under AB-HWC.
- 3821 CHOs are trained in Induction, ERI & JAS under AB-HWC.
- 7652 HW (M&F) are trained on EPS to conduct Population based Screening at Community level under AB-HWC programme.
- 139 MBBS & AYUSH MO & 124 SNs of Urban PHC-HWC are trained to provide 12 package of services under Urban HWC.

2.14 e-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)
- **Niramaya Software :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 application** is also loaded in the ANM tablet for recording the enrollment and screening 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 since April 2020 onwards. 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.

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 2.7cr. tests done during Apr-Dec,2022.
- **Sahay Scheme:** Free dialysis services provided to all patients at 36 identified Public Health Facilities both through own system and PPP mode. 1.90 Lakhs got Free Dialysis sessions from April'22 to January2023.
- **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 25 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.
- More than **21,819** new Tuberculosis Patients received Cash incentive under Nikshay Poshan Yojana through DBT.
- Annually more than 10 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.
- Continued screening of 30+ year's population for Non Communicable Diseases (NCDs). More than 56.5 Lakh 30 + years population screened for NCD from April to December 2021.
- Ensured effective implementation of Cash Incentives @500/- per month for Blood Disorder Patients for continuing treatment.

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

3.1 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).Requisition has been placed with OPSC for recruitment of 3481 no. of Medical Officers of all categories which is under process.
- 2000 numbers of posts of Medical Officers (Class-I Jr) has been newly created vide Govt. letter No.26271/H dt.19.11.2022 thereby raising the entry level post from 8750 to 10,750.
- 146 numbers of posts of Dental Surgeon has been created vide Govt. letter No. 30408/H dt.15.11.2021, thereby raising the total no. of posts of Dental Surgeon from 438 to 584 in the State.
- 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 during 2016-17 with creation of 1330 new posts of doctors as per Indian Public Health Standard (IPHS) norms and requirement of the state there by increasing the total number of posts of doctors to 6719. In each CHC, 4 posts of specialists, one each in O&G, Pediatrics, Medicine and Surgery, have been created. The number of posts in Pay Band-IV has been increased from 35 to 433 thereby, increasing the promotional avenues.
- 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 reforms 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.

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.

Pharmacist

- In 2022 Government have restructured the Pay of Pharmacist hiking the Pay & Grade Pay of Sr. Pharmacist, Chief Pharmacist & Assistant Director from Rs.2800/- to 4200/- , 4200/- to 4600/- and from 4600/- to 5400/-. Government has created 120 Nos of Pharmacist in 6 new Medical Colleges of the State. In order to fill up the above Nos of newly created post and other vacant posts arising out of retirement, requisition has been made to OSSSC for 1002 Nos of Post of Pharmacist for recruitment.
- Steps are being taken for promotion of 508 Posts of Pharmacist to the post of Sr. Pharmacist.
- In order to overcome the difficulties experienced in absence of doctors in many of the single doctor hospitals which are managed by Pharmacists, Govt. have allowed the Pharmacists to dispense some drugs for ailments for treatment of the patient.

Laboratory Technician:

- Government has created 187 Nos of Laboratory Technician in 6 new Medical Colleges of the State and in PGIMER, Bhubaneswar. In order to fill up the above Nos of newly created post and vacant posts arising out of retirement, requisition has been made to OSSSC for 921 Nos of Post of Laboratory Technician.
- Steps are being taken for promotion of 68 Posts of Laboratory Technician to the post of Sr. Laboratory Technician.

Radiographer:

- Government has created 48 Nos of Radiographer in 6 new Medical Colleges of the State. In order to fill up the above Nos of newly created post and vacant posts arising out of retirement, requisition has been made to OSSSC for 378 Nos of Post of Radiographer. Steps are being taken for promotion of 16 Posts of Radiographer to the post of Sr. Radiographer.
- ECG Technician & Ophthalmic Asst:
- The formation for cadre rules for ECG Technician and Ophthalmic Asst is under process.

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 2022-23 a total of 55 no of proposals were received out of which 45 proposals were approved by Research & Ethical Committee rest 10 proposals are under scrutiny by subcommittee.

3.2 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 2021-22 have been compiled & rationalized at SDMU and finalized by the State Level Equipment Management Committee (SEMC) on 18.10.2022 for procurement by OSMCL.
- Compilation & rationalization of Drugs, Medical Consumables,, Surgical & Sutures.
- The annual indents of Drugs, Medical Consumables, Surgicals & Sutures for 2023-24 compiled by OSMCL have been analysed & rationalized by SDMU and finalized by Sate Drug Management Committee (SDMC)(on 10.01.2023) 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 under process & will be finalised very soon.
- 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.
- 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.
- Monitoring of Not of Standard Quality (NSQ) drugs: The quality control section of SDMU is monitoring the drugs declared as Not of Standard Quality (NSQ) by the Statutory Laboratory of the State (relating to drugs procured prior to the functioning of OSMCL).

3.3 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.

3.4 Planning & Infrastructure Development

Planning & Infrastructure development section functions as a key section of DHS, to provide new health infrastructure to the state and also maintaining, upgrading the existing one. During the current financial year 2022-2023 large numbers of infrastructural activities is also going on under the State Sector Scheme – Myukhya Mantri Swasthya Seva Mission.

Achievements.

- Priorities have been given to provide Govt. accommodation to all Health service providers.
- It is targeted to complete the construction works of 5 (Five) Nos. of new DHH equipped with fully modernized instruments at Boudh, Deogarh, Koraput (Jeypore), Bhadrak & Sonepur August 2023.
- Approval has been given for construction of 300 bedded Hospital at Puri and 100 bedded MCH Hospital in Cuttack City.
- Oxygen Plants have been installed in all Major Hospitals of the State.
- Modernization of Combined Health Directorate building is going on.
- Maintenance work in all the Districts is going on. More upcoming
- Projects are now on process.

3.5 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. 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.

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 seven 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	6914758	25503	22594	13	15.08	0.37	88.59	0.56
2022	8160202	23770	19295	5	17.73	0.29	81.17	0.52

The state has reported 23770 cases in 2022 which shows 7% decline over that of 2021 and 95% decline of cases, 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 2022 can be highlighted as follows:

- State TPR (Test Positivity Rate) has come down to 0.29 in 2022 from 0.37 in 2021 and 6.18 from 2016
- API of Odisha has come down to 0.52 which is all time low in the state during last several decades
- All 30 districts have come down to API<10; Except Malkangiri (API 6.87), all 29 districts come under API <5
- **26 Districts are with API<2; 25 districts are with API <1; 15 districts are under < 0.1.**

The above substantial decline 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 2022 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, 22 districts are coming under category 1, 3 districts are under category 2 and 5 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 is done in selectively most high burden areas to protect the most vulnerable population from malaria

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 drives 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 2022. 30 Nos of SSMTCs have taken refresher training in two batches and 8 SSMTCs of JE sentinel site Laboratories have taken one day refresher training at AIIMS, Bhubaneswar. 54 Nos of VBDSs have taken refresher training in two batches. Two batches of Induction training and two batches of refresher training has been conducted for LTs at ROH&FW Bhubaneswar. 25 Nos of FLAs have taken refresher training on Finance & Supply chain Management. 123 Nos MOs have been trained on Malaria & other VBDs. 12 Nos of Specialists (Med/Paed) doctors have been trained on Management of JE, Dengue & Chikungunya. Apart from this, more than 1550 ASHA have taken refresher training at district level & more than 800 MPHS s and 1550 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 12 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 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 remote and inaccessible villages/hamlets having high malaria burden and also villages/hamlets in accessible areas where incidence of Malaria is high. In 2022, a total number of 1817 no. of DAMaN camps conducted, in which 514761 number of populations screened. 5436 malaria positive cases have been diagnosed and treated with appropriate anti malarial. Out of this 1239 are symptomatic and 4197 (77%) 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): Malaria No More (MNM) 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. MNM is working in all the 7 blocks of Malkangiri and 6 blocks of Koraput. Alternate FTDs in remote/inaccessible villages / hamlets have also been engaged under NGO/PPP mode in four blocks of three districts i.e. Rayagada, Kalahandi, Kandhamal and Ganjam.

8. Odisha Mineral Bearing Areas Development Corporation (OMBADC): Districts Jajpur, Keonjhar, Mayurbhanj and Sundargarh have been supported for different activities of NVBDCP under OMBADC. 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. There is decreased reporting of dengue cases (7063 cases) in 2022 as compared to 7548 cases reported during 2021.

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 37 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. In addition to these 3 more sentinel sites are approved this year.
- National Dengue Day was observed on May 16th 2022 across the state on virtual mode in view of ongoing pandemic.
- Directives from Chief Secretary to Secretaries of related Deptts. 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.

- 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.

No Chikungunya case is detected in 2022.

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 2022, 15 LF endemic districts completed MDA namely Angul, Balasore, Cuttack, Dhenkanal, Nuapada, Nayagarh, Ganjam, Jharsuguda, Sambalpur, Sundergarh, Sonepur, Kandhamal, Keonjhar, Bargarh, Mayurbhanj.
- In the state seven districts namely Koraput, Kendrapara, Malkangiri, Nawrangpur, Gajapati, Puri & Boudh cleared the 3rd and final Transmission Assessment Survey (TAS). Further districts like Jagatsinghpur & Deogarh have passed TAS 2 and qualified 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 4558 hydrocelectomy operations were done in 2022.

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 2022, there were 31 JE cases in the state in contrast to 19 cases reported in 2021. 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, Gol.

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
- 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

- “Pradhan Mantri TB Mukh Bharat Abhiyaan” (PMTBMBA) has been introduced as a “Jan Andolan” to involve community as well as individual to provide nutritional and other support to willing TB patients. 1591 “NIKSHAY Mitras” have been registered. Out of 31674 TB patients on treatment 14120 have received nutritional support till date.
- “TB Harega Desh Jeetega” campaign implemented to achieve “TB Mukh Bharat” by the year 2025.
- Molecular diagnostic facilities established at TB Unit level for early detection of TB cases.
- Aggressive testing strategy is implemented for detection of TB cases from the community and treat them successfully.
- Setting up of DMCs and strengthening of TB activities in 565 model PHC-HWCs is in progress.
- 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.
- All shorter regimen & longer regimen rolled out for treatment of Drug Resistant TB (DRTB) patients and treatment being carried out both at District and Nodal DR TB Centre.
- Bi-directional TB COVID screening are going on and districts are reviewed continuously.
- Bi-directional TB co-morbidity screening activities (TB screening among diabetics, HIV, Nutrition, Tobacco users) are implemented in all districts.

- TB patients notified under NTEP get financial incentive under “NIKSHAY POSHAN YOJANA” (NPY) through Direct Benefit Transfer (DBT).
- Sub National Certification (SNC) process is being carried out in 13 districts keeping view of achieving TB elimination by the year 2025.

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%

Priorities for the year 2023

- ❖ “TB Preventive Treatment” (TPT) rolled out in the State.
- ❖ Involvement of Panchayat Raj Department in NTEP with inclusion of TB diagnosis & treatment aspects in the Panchayat Development Plan (PDP).
- ❖ Tribal TB Initiative implemented in the State.
- ❖ Increased coordination with NCD, Nutrition, OSACS, Tobacco cell.
- ❖ Supply chain of anti TB drugs & materials streamlined.
- ❖ Incentive for ASHA workers/ Chemist through DBT.

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 markedly declined. The Prevalence Rate (PR) was 121.4 per 10,000 population in 1983, which is 1.19 as on 31st January 2023

Major activities & Achievements of NLEP for 2022-23 (as on Jan 2023):

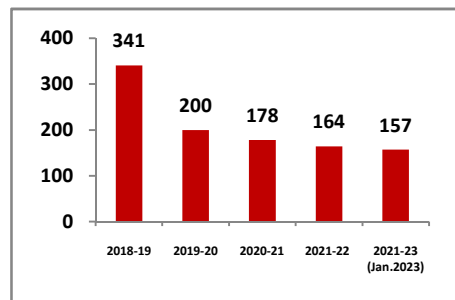
Trend of indicators in last five years:

Indicator	2018-19	2019-20	2020-21	2021-22	2022-23 (Jan-23)
New case detected	10786	10077	6148	5729	6088
Prevalence Rate (PR) per 10000 Population	1.53	1.45	1.1	0.89	1.19

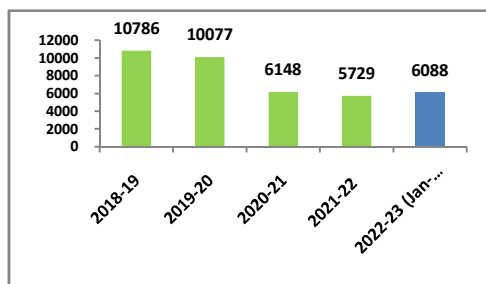
Grade 2 Disability (G2D) rate among new cases with absolute number	3.16 (341)	2.0 (200)	2.9 (178)	2.9 (164)	2.6 (157)
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a) Prevalence Rate (PR): Prevalence rate of Leprosy is less than 1 (One) per 10000 population in 13 districts as on Jan 2023.

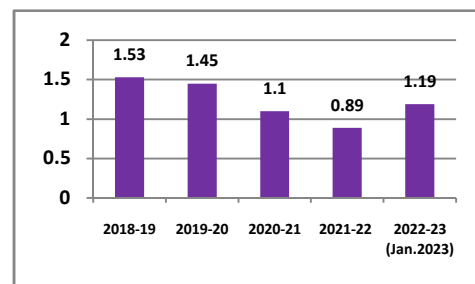
b) Grade 2 Disability Percentage: 13 districts have achieved Grade 2 disability rate less than 2 % as on Jan' 23



Year wise new cases detected Year wise



Prevalence Rate



Year wise Grade-2 cases

Activities during 2022-23 (as on Jan 2023):

1. Reconstructive surgeries: During this year (2022-23 up to Jan.23) 112 RCS surgeries have been conducted. Rs 8000/- is provided as loss of wages/welfare allowance per RCS to the patients. Reconstructive surgery has been included under Biju Swasthya Kalyan Yojana (BSKY) so that the beneficiaries can avail the facilities in empanelled private hospitals.

2. Leprosy case detection activities: New and hidden leprosy cases are being detected through Integrated Leprosy Case Detection Campaign (LCDC), Active Case Detection and Regular Surveillance (ACDRS) and ASHA Based Surveillance for Leprosy suspects (ABSULS) in Odisha.

3. 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 2022-23, 66370 contacts have been administered Single Dose of Rifampicin (SDR).



Reconstructive Surgery

4. 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. This year 6456 pair of MCR foot-wears and 8281 ulcer kits provided to PALs (People Affected with Leprosy)

5. Provision of MDT & other medicines: MDT and other medicines are provided to all the leprosy patients free of cost in all public health facilities. For efficient MDT Drug management, it has been integrated through e-niramaya of Odisha State Medical Corporation Limited (OSMCL).

6. Strengthening coordination with Medical Colleges: The Medical Colleges (Govt. and Private) have been integrated under NLEP and medicines (MDT), patient cards are being provided to them..

7. Capacity Building: This year (2022-23) 432 Medical Officers (MBBS) and 543 AYUSH MOs have been trained. 67 master trainers (ToT) have been trained for all districts. 31 lab technicians have been trained on slit skin smear examination. 39 Physiotherapists have been trained.

8. IEC / BCC Activities: Regular IEC/BCC activities have been carried out throughout the State through print and electronic media to generate awareness and reduce stigma and discrimination associated with persons affected with leprosy. Posters, leaflets, flipbooks, wall paintings are used to educate the people. Special Annual Mass Awareness campaigns named Sparsh Leprosy Awareness Campaigns (SLAC) is conducted every year wherein Gram Sabhas in villages across the State are being organized. School children are encouraged to spread awareness about the disease through plays, posters, debate competitions etc.

TOT on Leprosy for Medical Officers



SPARSH Leprosy Awareness Campaign

4.4 Integrated Disease Surveillance Programme

Background:

Integrated Disease Surveillance programme aim is to strengthen/maintain decentralized laboratories-based IT enabled disease surveillance system for epidemic prone diseases to monitor disease trends and to detect and respond to outbreaks in early rising phase.

It is intended to detect Early Warning Signals of impending outbreaks and help to initiate an effective response in a timely manner. IDSP monitors core emerging & re-emerging diseases / health events of public health importance. IDSP play an important role of State Health Control Room during natural calamities like flood, cyclone, heat wave and disasters etc.

Programme Components:

- Use of Information Communication Technology for collection, collation, compilation, analysis and dissemination of data.
- Establishment & Strengthening of public health laboratories.
- Establishment & Strengthening of Virology (COVID-19) laboratories

- Inter sectoral Co-ordination for zoonotic diseases

Activities undertaken

IDSP data is collected on epidemic prone diseases on real time basis through IHIP. The information is collected on three specified reporting formats, namely “S” (suspected cases), “P” (presumptive cases) and “L” (laboratory confirmed cases). The data gives information on the disease trends and seasonality of diseases.

- Daily scanning of print & electronic media must be done by Media scanning & rumor verification cell,
- All outbreaks were investigated by district and block Rapid Response Teams and it was updated in IHIP.
- The trend of communicable disease was monitored regularly to timely response of unusual health events. The trained Rapid Response Teams (RRT) is ready at state as well as sub-district level to control the outbreak.
- The three Govt. Medical College & Hospitals of the state are functional as three State Referral Laboratories (SRLs) & 32 District Public Health Laboratories and 23 RTPCR laboratories have been strengthened to conduct the laboratory confirmation of epidemic prone diseases such as COVID-19, A, Cholera, Viral Hepatitis, Measles, Meningitis, Diphtheria, Dengue, Chikungunya, AES/JE, Anthrax, Leptospirosis, Scrub typhus etc.
- The ADD, Food poisoning, Chickenpox, Dengue and Anthrax outbreaks in different district were investigated by district and block Rapid Response Team and response quickly with inter-sectoral coordination.
- Strengthening surveillance for SARI/ILI / ARI cases with involvement of private and public sectors for seasonal influenza (AH1N1) and COVID case detection and management.
- Water quality monitoring needs to be conducted regularly in the vulnerable areas of different blocks to prevent water borne diseases. The results should be shared with RWSS & PHEO Deptt. for effective coordination to contain outbreaks.
- Monitoring & supervision of COVID-19 activities as per the protocol and ensure COVID appropriate behaviour.

COVID-19 activities and preparedness

- As on 15th February, 2023, total 1336689 cases and 1327393 recovered with 9205 death were reported. Only 38 nos. of active cases are present in-home isolation. The positivity rate is only 0.05%.
- Review with senior officers & experts taken by Commissioner Cum Secretary.
- District alerted to increase surveillance and increase Whole Genome Sequencing.
- Stock position of drugs, consumables, test kits and other logistics reviewed. Adequate to take a pick load for 1-3 months.
- Availability of oxygens, oxygenated beds, ICU, HDU, Ventilator etc. are reviewed.
- Districts to prepare list of trained manpower, bed mapping and to prepare a contingency action plan.
- ILI/SARI surveillance strengthen in all the health facilities..
- Mock drills were undertaken in every district and medical colleges on 27th December, 2022.
- Manpower, vehicle, DOL provided to increase surveillance in Cuttack, Bhubaneswar & Rourkela for Hockey World Cup.
- Additional COVID manpower for district & Medical Colleges given extension up March 31st, 2023.

Integrated Health Information Platform (IHIP)

IHIP is the real time entry of each & every case of outbreak prone diseases up to village level in the Integrated Health Information Platform through portal with well-equipped IT system.

- In the year 2022, consolidated reporting status was “S”-99.8%, “P”-98.9%, “L”-99.7%.
- 157 no. of event alerts were given in IHIP. Of those 64 no. of outbreaks were investigated and completed.
- Form P,S,L was validated by active supervision monitoring.

- Regular monitoring the data entry and analysis of IHIP data to find out the trend of diseases.

4.5 National Viral Hepatitis Control Program

- Hepatitis-B and Hepatitis- C are two silent killer diseases which if remain untreated end up in Cirrhosis / Hepato-cellular Carcinoma.
- Early detection of Hepatitis cases and timely intervention through screening and treatment.
- Screening tests are being conducted at district level of all High Risk Groups like Pregnant women, Female sex workers, Transgender, Intra-venous drug users, migrants, truckers etc for both Hepatitis- B and Hepatitis- C.
- Quantitative Viral Load testing for HBV & HCV is being carried out across the State.
- Free diagnostic, free drugs as well as free treatment facility has been made available at **Treatment Centers** of all district headquarter hospitals and **Model Treatment Center** in Govt. Medical Colleges.
- Ensuring Testing of pregnant women for hepatitis B
- Vaccination of new-born against hepatitis B within 24 hours of birth.
- Awareness generation regarding transmission Dynamics of Hepatitis B&C
- Capacity building of health care providers, Front line workers for timely testing, treatment, follow up of the persons screened positive and qualified for treatment.

4.6 National Rabies Control Program

- Rabies is a 100 % fatal disease which is totally preventable.
- Currently Anti Rabies Vaccine is available in all District Head Quarter Hospitals and Sub-divisional Headquarters Hospital.
- Now it has been extent to the Anti Rabies Vaccine services up to all Community Health Center level.
- Upscale IEC activities on rabies disease
- Ensure available of vaccine at all health institutions

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: DHH Angul, Nehru Satabdi Hospital, Talcher,Rourkela : RGH, IGH

4.8 National Iodine Deficiency Disorders Control Programme (NIDDCP)

The National Iodine Deficiency Disorders Control Programme (NIDDCP) started in our state since December- 1989. It is a 100% Central Plan Scheme. As per the Survey, 17 Number of districts of our state are found to be endemic, having goiter prevalence more than 10%.

Policy: Notification on complete Ban on Sale & manufacture of Non – Iodized salt for human consumption in Odisha was issued vide Notification Letter No. 12544/Dt. 18.10.2001.



ASHA conducting salt test on Global Iodine Disorder Deficiency Day

Major Activities

- Salt testing kitare being procured for determining the iodine levels in salt samples at household levels/ AWC/ schools, the same is distributed to 24358 ASHAs in 17 endemic districts(Angul/ Bargarh/ Cuttack/Dhenkanal/ Gajapati/ Ganjam/ Kandhamal/ Keonjhar/ Khurda/ Koraput/ Malkangiri/ Nawrangpur/ Nuapada/ Puri/ Rayagada/ Sambalpur/ Sundargarh).
- Under this programme there ASHA incentive has been provisioned for testing the household salt samples in the 17 endemic districts @ 50p/sample tested for 2 months.
- The salt samples drawn by the Food Safety Officers from various sources are tested at State IDD laboratory set up at State Food Testing Laboratory, Bhubaneswar for estimation of the iodine content in salt samples.
- ‘Global Iodine Deficiency Disorders control Day’ was observed virtually on 21st October 2020 in the state level with the district level officials of H&FW, WCD, S&ME & S.T. & S.C. Dept.
- To generate awareness across the state, IEC BCC activities were taken up.

4.9 National Mental Health Programme

- 30 District Mental Health units are functional at district level with 107 dedicated District Mental Health Programme (DMHP) staffs.

	April to Dec, 2022
OPD (New+Old)	84,662
IPD	1149
Referral	159

- Till date 252 MOs, 42 Psychologists, 90 DMHP staffs trained on ‘Diploma in Community Mental Health Care’ by NIMHANS, Bengaluru for providing Screening, treatment, counselling and follow up care .
- 748 MOs trained Virtually at CHC/PHC (HWC) on mental health.Centre of Excellence, Mental Health Institute, SCBMCH, Cuttack is the Nodal Institutions that supports in capacity building and providing technical expertise to the state in implementation of mental health programme.

- COE, MHI, SCBMCH, Cuttack trained 57 MOs, 50 Counsellors, 62 Nursing Officers to provide Psychological first Aid and Psychological intervention to person with mental illness
- 30 Mobile Mental Health Unit (MMHU) are moving 20 days a week across 30 districts for counseling, doorstep delivery of psychotropic drugs, rescue of wandering Person with Mental Illness (PwMI) and upscaling public awareness in the community regarding stigma, discrimination, adherence to psychotherapy by Person with Mental Illness (PwMI) & provided fixed day services, telemedicine services.
- One regional centre of Virtual Knowledge Network (VKN) is functional at MHI, SCBMCH, Cuttack for virtual training of Medical Officer, Counsellors and CHOs. (Odisha Digital Academy for Mental Health)
- One Inbound call centre is functional at MHI, SCBMCH, Cuttack (18003457288)
- IEC/BCC activities conducted in mass media and mid media and outdoor display media.
- During April to Dec 2022, total 1388 MOs , 584 Paramedical staffs , 786 CHOs & 865 Non- Health Workers (Teachers, PRI members, Faith Healers, College & school students, Bank staffs, CRPF Jawans etc.) were trained by DMHP team.
- Total 30 Mental Health Care Review Board established at district level as per Mental Health Care Act-2017 under the chairpersonship of District Judge.
- State mental health Authority of the state monitors and supervises the mental health activity in the state under the chairmanship of Commissioner Cum Secretary to Govt., H&FW Deptt.
- Total no of 88 Jails, circle jails and sub jails were visited by Skilled Mental Health Professional multiple times from January to December, 2022 (1197) & provided treatment and counselling to 12,790 jail inmates with mental illness across 30 districts.
- Two TELEMANS Cell under National Tele Mental Health Programme are functional in our state under Nodal Officer, MD NHM, Odisha with trained Counsellors, Psychiatric Social Workers, Psychiatric Specialists at MHI, SCBMCH, Cuttack and DMHP/DAC unit in the premises of MKCGMCH, Berhampur since 10th October 2022 to provide counselling, psychological first aid, psychological intervention and in person services.
- The Mentoring Institute of Tele MANAS Cell is located in the MHI, SCBMCH, Cuttack
- Till today 494 calls have been received by our counsellors
- Odisha has received excellence award in mental health by GOI on 6th August, 2021.

4.10 National Programme for Cancer Diabetes Cardio Vascular Diseases and Stroke (NPCDCS):

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

Achievements of PBS (April 2022 to January 2023):

Population enumeration done	30 plus Population Enumerated	30+ population Screened	Individuals suspected and referred	Individuals confirmed with diagnosis	Individuals put under Treatment
11360920	7250206	6384343	481287	Diabetes: 62177 Hypertension: 142405 Oral Cancer: 612	Diabetes: 62116 Hypertension: 142355 Oral Cancer: 598

				Breast Cancer: 107 Cervical Cancer : 177	Breast Cancer: 105 Cervical Cancer: 168
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Under NPCDCS, following facilities are established in the state:

1. District NCD Clinic – 32
2. District NCD Cells - 30
3. CHC NCD Clinic- 417
4. District Day Care Cancer Chemotherapy Centres – 32
5. District Level CCU/ICU – 18
6. Dialysis Units under PradhanMantri National Dialysis Programme (PMNDP)- 36
7. Districts implementing National Programme for COPD -30
8. Districts implementing National Programme for Non Alcoholic Fatty Liver Disease -30

Training programmes under NPCDCS:

- 354 Medical Officers, 5536 CHOs, 6700 ANMs and 46000 ASHAs are trained on NCD programmes.
- 180 O&G Specialists are trained in Cervical Cancer Screening and Pap Smear examination at AHPGIC Cuttack. 31 Medical Officers, 30 Nursing Officers, 10 Physiotherapist and 10 ASHA Master Trainers trained on facility & home based palliative care at Karunashray, Palliative Care centre, Bangalore on Palliative Care.
- 1120 Medical Officers of H&WCs are trained on NCD Programme Delivery.

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 for a special Geriatric Ward of 10 beds strength. Elderly serviced in all 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 11,23,560 numbers have been provided treatment at Geriatric OPDs and from them 1,16,589 have availed IPD services with 2,31,736 numbers of laboratory services and 37244 numbers of health cards distributed.

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 till now 459 numbers of hearing aids have been distributed free of cost from 931 having been referred for rehabilitation. A total of 67 numbers of ENT specialists, 56

O&G Splsts and 48 Paediatrics Specialists and 96 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. 750 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. Karunashrayhas started Home Based Palliative Care in the Urban areas around Bhubaneswar since last one year.

4.14 National Oral Health programme:

- 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'22 to February 2023, total 1226 Medical Officers of HWCs are trained on Oral Health Care by SCB Dental College under comprehensive Primary Health Care initiative.

Consumables and instrument equipment are provided to 1326 HWCs under NOHP

4.15 National Tobacco Control Programme (NTCP):

- 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. 68224 individuals are counselled at Tobacco Cessation Centres.
- 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.
- 650 IEC Campaigns were done at Health Institution covering 40532 persons
- 1125 Schools and 178 colleges are covered under Tobacco Free Educational Institution Programme. This covered around 89,000 students.
- 6626 No. Of violations & Rs. 1922355/- 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 center 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 3868 cancer patients are provided free consultation in different districts during 2022.

District Day Care Cancer Chemotherapy Centers are established in 30 DHH, RGH, Rourkela and Capital Hospital, Bhubaneswar where 70,320 Cancer patients are provided consultation and 56,540 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 30452 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 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

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
2017-18	276853	132887

2018-19	276853	148982
2019-20	276853	125207
2020-21	276853	78004
2021-22	225750	184556
2022-23	332400	235515 (Upto Dec'22)

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 Opth. Assts. and referred to Eye Specialist in SDH/DHH whenever needed for better treatment.



Year	Free spectacles provided to school students	
	Target	Achievement
2017-18	50000	90242
2018-19	100000	60243
2019-20	200000	37508
2020-21	100000	668
2021-22	50000	1812
2022-23	50000	5926(Upto Dec'22))

3) Spectacles to old person for near vision)

Year	Annual Target	Achievement
2017-18	116104	69992
2018-19	100000	116231
2019-20	200000	50985
2020-21	120000	7821
2021-22	60000	36455

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

ii) Spectacles to others

Year	Annual Target	Achievement
2022-23	60000	33756(Upto Dec'22))

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
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2017-18	1100	1344	1049
2018-19	1200	1563	1195
2019-20	1300	1348	1008
2020-21	1300	593	523
2021-22	1300	1244	1060
2022-23	1400	1425	1331(Upto Dec'22))

5) Other Eye Diseases (Treatment / Management)

Year	Glaucoma	Diabetic Retinopathy	Childhood Blindness	Squint	ROP	Low Vision	Vitreoretinal 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 (Upto Dec'22)	5340	9710	3085	1225	928	2331	414	1287

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.

Civil Work:

- One 20bedded Eye Ward/OT established at DHH, Ganjam
- Two nos. of 10 bedded Eye Ward/OT (SDH, Biramaharajpur, Sonapur & SDH, Rairakhole, Sambalpur) are established.
- One no. of 20 bedded new Eye Ward/OT is in progress at DHH, Boudh
- Expansion of Eye Ward/OT at DHH, Sundargarh
- Renovation of existing Eye Unit at DHH, Jharsuguda, Jeypore & Boudh

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.

(A congenital cataract with vision 1 meter & 2 meters respectively, right eye was operated on 12.01.23 at RGH, Rourkela under general Anesthesia. A foldable 3 piece lens (+28 DP) implanted. This is 1st of its kind at DHH level)



4.18 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/UCH/PHC/UPHC/OHs). State Govt. provides funds for outsourcing of BMWM, logistics and consumables, training, Immunization, equipment & instruments, liquid waste management and outsourcing of dedicated HR at SDH&CHC for BMW work.

- All the 1821 HCFs have applied for authorisation to State pollution Control Board, out of which 1678 have got their authorisation leaving a balance of 143 which are under process at SPCB (O).
- Annual Action plan for 2022-23 with an estimated budget of Rs.24.67crore (Both BMWM & BMWME fund). Accordingly distribution plan had been prepared. Rs. 18.30285crore already distributed as received from Govt. in five phases.
- Barcoding system for monitoring the waste from collection till disposal & tracking the vehicles through GPS. Pilot study is going on at Capital Hospital, BBSR & DHH, Khordha. An estimate amounting Rs. 19.87 crore projected for implementation of Barcoding at all level of HCFs up to PHC, further Rs. 2.366 crore has been provisioned for DHH & SDHs initially in 2022-23.
- As per the decision of the last EMC under the Chairmanship of Chief Secretary, Works Dept. has taken up the work for construction of STP/ETP. The C.E. Buildings has submitted a rough estimate of Rs.1813.54 cr. for all HCFs. After getting the rough cost estimates, the DPH (O) have suggested a target for establishment of STP & ETP at different category of HCFs in different FY i.e. 2022-23 to 2027-28 phase wise on yearly basis & accordingly DHHs have been taken up during the FY 2022-23 with an amount of Rs. 211.68 crore which has been distributed to different DHHs for establishment of ETP & STP at DHHs of Odisha.
- Rs. 103.764 crore had been placed to PR & DW department for construction of Storage cum equipment room at all PHCs of Odisha which is under process. Likewise, for all CHC & UCHCs Works department has been assigned for construction of Storage cum equipment room with an estimated budget of Rs. 57.15 crore.
- 32 (Thirty two) district level officials have been enrolled for CHCWM (Certificate in Healthcare Waste Management) course under IGNOU in July 2022 session, and another 32 district level officials are going to be enrolled for January 2023 session.

Awards & Recognition:

- 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.

4.19 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

The focus during 2022-23 is on strengthening availability of integrated Reproductive health services by regular review through existing mechanisms as well as by providing supportive supervision and mentoring support through technical agencies

After the pandemic, to retrieve Family Planning services State had taken major initiatives. So, special emphasis was given to make reversible methods of contraception available for the clients through ASHAs. Periodic reviews and commodity availability improved the utilization of all methods of Family Planning (refer to table below for FP service statistics).

FP Methods	2018-19	2019-20	2020-21	2021-22	2022-23 (up to Dec 23)
Female Sterilization	80811	50104	54353	82152	63286
Male Sterilization	1417	939	719	991	1341
IUCD	164345	176885	184456	153698	106551
OCP	138235	95230	139980	133919	1501280
Injectable	4404	17615	32053	46759	56898
Centchroman	1587	3902	17260	138663	166207
Condom	126184	95919	111226	117964	7708316

Apart from the regular activities planned for the year 2022-23 a few additional activities have been planned for the year which have been mentioned below:

1. Involvement of GKS/ VHSNC for strengthening male engagement in family planning

For the strengthening of male engagement in family planning as well improve involvement of GKS in family planning, GKS level meetings are to be organized. The meetings are to be used as a platform for community mobilization and awareness activities through various sessions as well as IEC/BCC activities. These meetings will be conducted in 20 percent of the identified GKS throughout the State.

2. Incentives for Male Health Workers for Mobilizing clients for Vasectomy

In order to strengthen community mobilization activities for increasing acceptance of male sterilization, it is proposed to involve MPHWM to increase the level of acceptance to the desired level as well as to support ASHA in mobilization. MPHWM will use the platform of GKS level meetings as well as other platforms for motivation and mobilization of male clients for sterilization. An incentive of Rs.750/- to be provided to each Male Health Worker for motivating at least 5 clients for vasectomy.

3. Provisioning of Condom Boxes in FRUs, HWCs, CHC, DHH, SDH, UCHCs and UPHCs

In order to improve access to condoms to male clients visiting the health facility, Condom boxes are to be made available to each FRU, UPHC and UCHCs for promoting use of condoms while maintaining anonymity of client. The boxes are to be strategically placed in places like male toilets for ease of access as well as ensuring privacy to the interested clients.

4. Strengthening FP LMIS and ASHA level roll out of FPLMIS.

To ensure uninterrupted supplies of FP commodities multiple reviews and reorientation meetings have been planned for FPLMIS which will be supplemented by ASHA level training on FPLMIS. In continuation of the roll out of FPLMIS at all levels, all ASHAs are to be trained on FPLMIS in 1615 batches throughout the State, so as to utilize the mobile based application for indenting FP commodities.

5. Improving continuation of Antara

To improve the uptake & continuation of Antara injection in the State this year injectable trainings for MOs, SNs & ANMs of 30 districts had planned and completed. Also State has planned incentives for both ASHA & beneficiaries.

6. State Initiatives & Innovation

To Promote modern contraceptive usage State had taken different activities like Paribar Kalyan Sachetanata Rath (IEC Vans) in 10 aspirational districts, organizing sasus – bohussammelanis at village level and to promote spacing at Birth distribution of Nayipaheli Kit to the Newly married couple throughout the State.



7. Observation of World Population fortnight 2022 (27 June- 24 July)

The State Family Welfare Cell supported Directorate of Family Welfare in the successful observation of the World Population Fortnight 2022 from 11th July to 24th July 2022. This year during the World Population Fortnight special emphasis was given in spreading awareness about the Basket of Choices with a special emphasis on Newer Contraceptives.

For this purpose, IEC materials received from Govt of India was translated to Odia with the help of SIHFW and supplied to all districts for display and awareness generation. Also State level Observation done at JaydevBhawan with the presence of Commissioner cum Secretary, H & FW, Govt. of Odisha, DFW, DPH, DHS, Odisha. Also an IEC Stall and Signature Campaign done at the time of Observation of Day. Also prize distributed among the best performing surgeon, SN, ANM, ASHA from districts.



Observation of World Population Day 2022 At Jaydev Bhawan, BBSR

IEC materials for Population Fortnight 2022

Apart from the IEC materials Family Welfare Cell supported by UNFPA also coordinated in development of district level guidelines to be followed by districts, IEC micro plan, Mass Media plan as well as in coordinating the State and district level celebrations on World Population Day. A monitoring plan was also developed to monitor the

provisioning of services and quality assurance activities during the WPD 2022. The ASHA Info kit on promoting client friendly SRH and newer contraceptive developed with the technical support from UNFPA was also released during the observation of state level meeting on World Population Day 2022 on 11th July 2022.

8. Observation of World Vasectomy fortnight 2022 (21st Nov- 4 December)

The Family Welfare Cell was supported the directorate the organise to observe the NSV Fortnight at State Level. Special Secy, PH, Health & FW department was chaired the meeting, Director Family Welfare, Director Health services, Odisha & Director SIHFW, Odisha was also present at the meeting. Participants from 30 districts were joined in that meeting the guests are focused on the male sterilization on their speech. Also family planning review was done that day. Felicitation for the best Male sterilization achievement was done for Best 3 DMRCH, districts, surgeon, male worker, PHEOs, ASHA was done. Rayagada and koraput has performed so well in Male Sterilization. Other state level consultants and the state officials were also present in that observation ceremony.

Printing of Resource Communication Materials on NSV:

Resource and communication materials are part of the job-aid for both the community volunteers and service providers, which not only helps in enhancing knowledge on the thematic area but also serves as a tool for promoting counselling services. In order to facilitate the process of motivating clients for accepting male sterilisation services during vasectomy fortnight from 21st November to 4th December 2022, adequate numbers of communication materials on NSV in Odia were printed with resource support from UNFPA and distributed among districts for use during the period.

9. Knowledge dissemination on rights based SRH services

In Q4, One day Workshop on Vision FP 2030 of Odisha & QA in sterilization services was held on 16th of December 2022 at Hotel Excellency, Bhubaneswar. ADMO(FW), One operating surgeon & DMRCH from 30 district was attended the workshop. The main agenda for the workshop to prepare a concrete road map for Family planning programme. The workshop was chaired by Dr Bijay Kumar Panigrahy, DFW(O), also Dr MurlidharPadhi, AD(FW), Mr Mohammad Nadeem Noor was attended the workshop. They had elaborated the aims and objectives of the workshop. A panel discussion has been done by the experts they are Mr Rudra Pradhan, SPM, Jhpiego, Mr Sushant Panda, PM, LSE, SCSTRTI, Dr Suwendu Kumar Acharya, Scientist-D, ICMR-RMRC, Bhubaneswar, Odisha, Dr. Aditi Panda, PM, LSE of adolescents with disability, KISS, Dr Himanshu Pradhan, Associate Professor, KSPH, Odisha and the session moderator was Dr E Venkata Rao, Professor, IMS & SUM Hospital and Medical College, Odisha. They focused about the family planning activities in different aspects and in different contexts like: 1. Urban 2. SC and ST 3. Adolescent and youth 4. Person with disabilities



5. **Reproductive age group in disasters**

After that activity a group discussion was done by dividing participants in 8 groups. 8 topics was given to them in context of road map preparation in FP. Each group excellently participated in that discussion also they had presented their views on FP 2030. At the second half of the day Dr Ajit kumar Mohanty chaired the workshop they have discussed about the sterilization complication management and the state SOP what has been developed by the

DFW(O). all the operating surgeons were oriented about the complication management on Sterilization by different resource persons.

10. Urban Family Planning program Review

An one-day review on Family planning programme was conducted on 15th November 2022 at hotel Excellency in presence of DFW, AD(FW), SPC, UNFPA. All 5 ADUPHOs, CPMs, APMs were participated in that review. In that review state reviewed the city wise performance along with the CPM units had presented their own achievements.



Also a city wise performance letter had communicated to the respective city commissioner. The attachment of the letters are given below in annexures.

11. Creating Awareness regarding newer Contraceptive in 3 Urban cities

Total 1532 numbers of Young couple, mass members, ASHA and EC couple were being sensitised in newer contraceptive along with other method at different Urban cities. Based on the performance of Urban PHCs which is reviewed in 15th November 2022 the performance of 25 UPHCs of 6 Cities are very poor. So State had planned to conduct Awareness programme regarding newer Contraceptive in these facilities. From 2nd December to 28th December 2022 the activity has been conducted in different urban cities including Puri.

5.2 MATERNAL HEALTH

- **First Referral Unit: 63 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:** In last five years **19 LSAS & 14 EmOC** doctors have been trained. After accommodation, transfer & promotions 91 LSAS trained doctors & 7 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 **533** institutions are already functional and steps are being taken for functionalizing remaining DPs. Alongwith that another 4 Medical Colleges are also providing Delivery Services.
- **Janani Surakya Yojana (JSY):** JSY have been instrumental in increasing the institutional deliveries. As per NFHS-5 Institutional Delivery 92%, which has increased from 82% in NFHS-4 (2015-16). Total **36,44,38** number of beneficiaries have been benefitted under JSY (from 2022-23 upto 3rd Quarter).
- **Janani Shisu Surakshya 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 Surakshya Karyakram at public health facilities. 2,32,281 nos. of pregnant women have received various JSSK entitlements during the first 2 Qtrs of 2022-23. Due to implementation of JSSK, Institutional deliveries have also increased. The entitlements of free drug have increased from 89% to 98%, diet from 91% to 97%, diagnostic from 83% to 96%, 1st Referral 51% to 82% & Drop back 37% to 43% since last 5 years.
- **Skilled Attendant at Birth (SAB)** training was given to the Paramedics and AYUSH doctors to augment the institutional delivery (Public Facilities) and Home Deliveries in hard to reach areas. During the period, 4,54,994nos.

of Deliveries have been conducted/assisted by SAB trained staffs. Over a period of five years 15460 nos. of para medical staffs have been trained in SAB.

- **Maternal death review (MDR) committees** are formed at State and district level to review the maternal death. During 2022-23, **515** nos. of maternal death have been reported by October 2022 (MDR Report) and out of that **412** nos. of death are reviewed by CDM&PHOs of the district. During last five year maternal deaths reported are mentioned below:

Year	No. of Maternal Deaths
2018-19	708
2019-20	752
2020-21	751
2021-22	684
2022-23 (upto Oct 22)	515

The data shows the maternal deaths are not in increasing trend.

- **Comprehensive Abortion Care (CAC):** In the State 259 facilities are providing Comprehensive Abortion Care services where trained doctors are available for providing services along with counseling & scope of post abortion contraceptive services.
- **Village Health Sanitation & Nutrition Day:** Fixed day health & Nutrition day (VHSND) is being organized every Tuesday / Friday at village Anganwadi centers. So far 99% of VHSND Sessions have been organized against the target during 2022-23 (Up to September-22). Also in hard to reach areas special VHSND and RI Sessions are held to address all left out and drop out cases. Trend of VHSND Session planned vs held has been 98% since last 5 years.
- **LaQshya:** Under this programme the LR & MOT will be standardized for providing quality care services. This will put focus on 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 as prospective target. By December 2022 (2022-23) 19 nos. of OTs and 20 LRs have been certified from National Level.
- **Obstetric HDU & Hybrid ICU:** For providing critical care for obstetrics cases, 3 High Dependency Units are functional in 3 DHH (Kandhamal, Kalahandi & Keonjhar district) and 2 Hybrid ICUs in MCH MKCG, Berhampur & MCH SCB Cuttack are operational since last two years.
- **Maternity Waiting Homes (Maa Gruha)** The Maa Gruha 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 Maa Gruha, 93 Maa Gruha are functional of which 38 nos. are functional within last five years.
- **Initiatives for Anaemia Control:** IFA & Calcium Supplementation - About 4.3 Lakhs Pregnant women covered during 2022-23 (Upto Dec 2022). 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. During the year 2022-23 all registered ANC and PNC cases are provided with IFA & Calcium. Also the ANC Cases in 2nd trimester are given Deworming tablets. The consumption of IFA & Calcium tablets have shown remarkable improvement in last five years. The percentage of IFA consumption has been increased for 78% (FY 2018-19) to 92% (FY 2022-23) and Calcium tablet consumption has improved from 26% (FY 2018-19) to 92% (FY 2022-23) in last 5 years.

- 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. PMSMA also encourages participation of private practitioner. All the facilities in the level of CHC and above are implementing this programme as per mandate. The prime objective of the programme is to screen for high risk pregnancies and initiate its management as appropriate. During the year 2022-23 (Upto Feb 2023) 2,11,147 nos. of antenatal cases have been screened. 73 nos. of volunteers are providing services in the PMSMA clinic days in different government health institutions and 23,200 nos. of high risk cases has been detected who were given Red Card. During last five years 8,30,348 nos. of antenatal cases have been screened under PMSMA Programme.
- SUMAN:** Surakshit Matritva Aswasan (SUMAN) is a programme which has been implemented in the year 2020-21 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 and all preventable maternal and newborn deaths and morbidities and provide a positive birthing experience. Under SUMAN a prospective target of 1907 facilities for notification under various SUMAN packages viz SUMAN Basic, SUMAN BEmOC & SUMAN CE moNC. By February 2023, 843 nos. facilities have been already notified by the respective DQACs for providing services as per SUMAN package since 2020-21.



5.3 Child Health

Odisha has been working towards reducing its child mortality rates as a priority focus through various programmes & strategies. As per the latest National Family Health Survey (NFHS-5) reports 2020-21, the neonatal mortality rate of Odisha is 27 per 1000 live births and that of India is 25 per 1000 live births. Similarly, infant mortality rate (IMR) of Odisha is 36 per 1000 live births and that of India is 35 per 1000 live births; and the U5MR is 41 per 1000 live births against the National U5MR of 42 per 1000 live births. However, the neonatal mortality rate in Odisha remains to be a major concern. Major interventions undertaken through NHM for the reduction of infant and under-five mortality in the State are as follows:

- 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 & low birth weight newborns and for stabilization of sick newborns prior to referral, the State has established 46 Newborn Stabilization Units and 27 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 71% in 2022-23 till Dec.22. The proportion of referrals from NBSUs to higher centres for appropriate treatment ranges from 24% to 26.5%.

- **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 62685 in 2021-22 and till Dec.2022-23, 49747 newborns admitted in SNCU. Also, the proportion of newborns successfully discharged from these units has increased from 72% in 2017-18 to 79% in 2022-23 till Dec.22 and the referrals have gone down from 14% to 11% 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 breast feeding through skin-to-skin contact with special focus on preterm, LBW and sick newborns. Another 30 KMC unit have been planned to be established during 2022-24. During 2017-18 to 2022-23 till Dec.22, the proportion of LBW admissions in SNCUs receiving KMC has gone up from 33% to 59% in the State. Further, the State has planned to saturate all NBSUs with KMC equipment.



- **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 dangersigns and providing counselling to caregivers on home based newborn care. Under HBNC, 86%-89% of all live births are visited by ASHAs and the proportion of newborns receiving six visits has gone up from 92% in 2017-18 to 95% in 2022-23 till Dec.22.

- **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,

3796113 U5 were covered in 2022-23. The proportion of U5 who were distributed with prophylactic ORS has increased from 84% in 2017-18 to 100% in 2022-23.

- **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. NNW is being celebrated in the State since 2019-20, where 9264 newborns were visited by ASHA during the week and subsequently during 2021-22, 30671 newborns & in 2022-23, 27167 newborns were visited by ASHA during the week.

- **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 2022-23 till Dec.22. Similarly, administration of antenatal corticosteroids to mothers with preterm labour has increased from 7% in 2017-18 to 32% in 2022-23 till Dec.22.

- **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 dangersigns/ 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 2022-23 till Dec.22, 1513011 children were visited, of which 2% were identified as sick and 80% 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 19849 in 2021-22. Campaign for the year 2022-23 is continuing from Nov, 2022 to Feb, 2023.

- **Child Health 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 14228 deaths in 2021-22 and 9740 death till Nov.2022 of FY 2022-23. The proportion of U5 deaths reviewed has increased from 82% in 2017-18 to 85% in 2022-23 (up to Nov, 2022) and the proportion of neonatal deaths reported shows a decline from 61% to 57% 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 (HDU+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 22 Hybrid ICU are ready to be 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) 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, 631 number of Mobile Health Teams are functional for screening of 1.07 Crore 0-18 years age group.



Screening of Children at AWC & Schools:

- During the Year 2022-23, 65.82 Lakh children have been screened by MHT out of targeted 1.07 crore children. After covid pandemic situation in 2020-21 & 2021-22, RBSK screening activities at AWC & Schools at rural & urban areas has been reinitiated.

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 2022-23, 306416 new born have been screened at delivery points and 9181 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 386 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 2022-23,



Demonstration and group activity for mothers at DEIC

2005 number of sick new born are screened and 134 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, 9341 children with birth defect are provided referral treatment and 43290 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 2022-23 (Upto November 2022)
NTD	35
Down Syndrome	435
Cleft Lip & Palate	422
Congenital Cataract & other Eye defects	648
Club Foot	420
Hearing Impairment	840
CHD	545
Other Surgeries	212
Retinopathy of Prematurity	134
SAM children referred to NRC	4232
Developmental Delay	43290

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

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 RSK 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 RSK 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 4 districts (Dhenkanal, Bolangir, Koraput & Bhadrak) and expanded to 2 more district (Mayurbhanj & Boudh) in this year.

Name of the programme	2018-19		2019-20		2020-21		2021-22		2022-23 (up to January 23)	
	T	A	T	A	T	A	T	A	T	A
Peer Education	2	2	4	4	--	4	--	4	6	6
A. District coverage										
B. Total selection of peer Educator and provided with 6 days training	13464	12696	29388	28620	--	28620 (Cumulative)	--	28620 (Cumulative)	16036	10639 Cumulative (39259)

- Adolescent Health Day (AHD) :**

The objectives of Adolescent Health Day (AHD) are: Improve coverage with preventive and promotive interventions for adolescents. Increase awareness among adolescents 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)/Shradha 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 4 districts (Dhenkanal,Bolangir, Bhadrak&Koraput) and indifferent villages under HWC sub centers of other districts.

Name of the programme	2018-19		2019-20		2020-21		2021-22		2022-23 (up to Dec-22)	
	T	A	T	A	T	A	T	A	T	A
Adolescent Health Day(AHD)	11616	10339	15741	13248	30576	21485	39464	26516	34910	23822

- **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 354803out of school adolescent girls targeted under the programme and distributed sanitary napkins through AHSA.

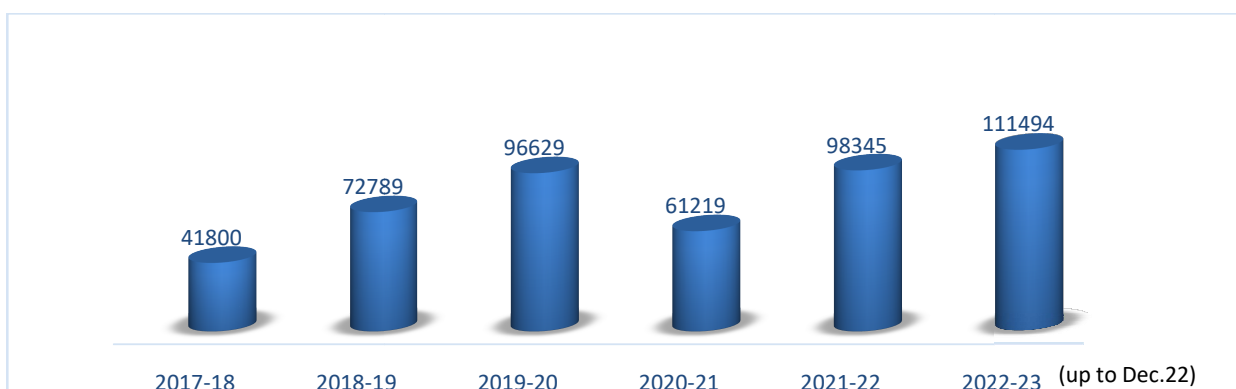
- **The Weekly Iron and Folic Acid Supplementation (WIFS)** program involves the administration of supervised Weekly Iron-folic Acid Supplements of 60 mg elemental iron and 500 mcg Folic acid using a fixed day approach for school and non school going adolescents respectively, screening of target groups 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 %					
	2018-19	2019-20	2020-21	2021-22	2022-23 (up to dec-22)
Girls (6th -12th) provided 4 IFA tablets in schools	28.9	38.3	65.5	64.5	67.00

Total Beneficiaries : 1525448					
Boys (6th -12th) provided 4 IFA tablets in schools	28.9	37.5	63.9	60.7	
Total Beneficiaries : 1574262					
Number of out of school adolescent girls (10-19 years) provided 4 IFA tablets at AWCs	26.3	35.2	70.5	53.6	55.00
Total Beneficiaries : 812568					

- 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.



- 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 continuing. Odisha received award at National Workshop on Ayushman Bharat School Health & Wellness program from AS&MD,NHM for successful implementation of School Health Program.



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	1020 (Training is going on)

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 & 1232 Functional Cold chain points across the State which targets to 9,38,255 Pregnant women & 8,01,356 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.

Odisha's Full immunization coverage as per different surveys.

- Annual Health Survey 2010-11 – 55 %
- Annual Health Survey 2011-12 – 62.3 %
- Annual Health Survey 2012-13 – 68.8 %
- National Family Health Survey 2015-16 – 78.6 %
- Integrated Neonatal & Childhood Survey 2016 – 83.8%
- National Family Health Survey 2019-21 - 90.5 %

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 4.0 has been conducted in 12 Districts (Cuttack, Ganjam, Jajapur, Jharsuguda, Kendrapara, Kendujhar, Khordha, Koraput, Malkangiri, Mayurbhanj, Sambalpur, Sundargarh) in 2022.
- 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 – 2022-23

1. Year wise fund is Distributed to Districts for 30 districts and 2 urban (Capital Hospital and RGH- Rourkela with State H.Q. in the year 2022-23 Rs. 1,32,00,000/- was distributed to districts.
2. **Objective**
 - 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.
3. **Strategies:-** Funds is being placed to the districts to ensure timely payment of electricity bill, procurement of Genset for SVS, RVS, DVS and Cold Chain Points and DoL charges and installation of Genset, Repair and maintenance of vaccine van etc.

4. **Outcome** :- Proper Cold Chain equipment maintenance for proper storage of vaccine till it reaches upto to the beneficiaries level. To ensure uninterrupted power supply at Cold Chain points, payment of electricity charges, recurring expenditure for vaccine van etc to be on road.
5. **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 on going 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 Cold Chain points for 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 :

- 148 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 10-19yrs (In school)	Adolescent Girls 10-19yrs (out of school)	Source
2021-22	37.9%	62.8%	51.7%	50.4%	HMIS
2022-23 (upto Dec.)	54%	77.6%	67%	55%	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
2021-22	67	7990	6583	90%
2022-23 (upto Dec.)	67	9569	8624	90%

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
2021	98.6%(Feb. Round)	98.5%(Aug Round)
2022	98.9% (Feb. Round)	98.6%(Aug Round)

V. National Deworming Day(NDD):

- Administered with Albendazole at AWC and Schools.
- 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

State Coverage:

Year	1 st . Round	2 nd Round
2021	97.4%(Feb. Round)	98.1%(Aug. Round)
2022	98.2% (Feb. Round)	98.3%(Aug. Round)

AMLAN(Anaemia Mukta Laqshya Abhiyan)

Anaemia is a public health problem in Odisha affecting 30 to 65% across different vulnerable groups. Hence, Department of Health and Family Welfare has started a multi-pronged strategy, named AMLAN (Anaemia Mukta Laqshya Abhiyan) in a mission mode to address all causes of anaemia for accelerating decline in anaemia prevalence among all age groups across the state in all Village Health Sanitation & Nutrition day (VHSND), Urban Health Sanitation & Nutrition day(UHSND), Govt. & Govt. Aided schools and residential schools. Other major stakeholder of the programme are Departments of School and Mass Education, Women and Child Development and ST & SC Development

The overall goal of the state strategy is to accelerate the reduction of prevalence of anaemia in Odisha with the objectives:

- To reduce anaemia by 10% (ten percent) among each target beneficiary every year
- To provide a package of intervention to reduce anaemia by addressing nutritional and non-nutritional causes
- To increase the awareness of affordable micro-nutrient rich food through household food production (Nutri Garden)

Under this programme 1,37,28,755 beneficiaries will be benefited which includes, 6-59 month children(56,35,731), 5-9 years in school children (27,49,457), 10-19 years(36,06,571), pregnant women (9,38,249), lactating women (8,34,742) and 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 will be 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 will be tested for haemoglobin estimation at their respective VHSND/UHSND.
- All students studying in class 1st to 12th in Govt and Govt. aided schools will be tested for haemoglobin estimation at their respective schools.
- Those beneficiaries who are left out or belong to out of reach areas will be tested in T3 camps, which will be organized yearly twice at every CHC.
- Based on the Hb test results, necessary therapeutic dose is to be administered/ referral is to be done to higher centre. Counseling & follow-up will be undertaken.

5.8 SAMPurNA**1) Objective:**

- a) 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.
- b) Provision of good quality care to pregnant women & children for their survival by identifying high risk cases, referral and management.

2) Strategy :

- a) **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): 4860** nos. of pregnant women were provided with transportation cost from difficult villages to motorable points from April 2022 to December 2022
- b) **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)**
 - i) **134835** nos. of pregnant women were provided with drop back cost after Institutional Delivery from April 2022 to December 2022.
 - ii) **23697** nos of Sick Infants were provided with drop back cost for treated at Public Health Facilities from April 2022 to December 2022.
- c) **Joint Home Visit:** Joint home visits by MPH W (F) and MPH S (F)/(M) to high risk cases to monitor the health of the mother. Total **20995** nos of high risk pregnant women were covered under Joint home visits by MPH W (F) and MPH S (F)/(M) from April 2021 to November 2021
- d) **Free diet:** Free diet to pregnant mother including one attendant those who reside at maternal waiting home, also for children below five years.
- e) **5,524** nos. of stretchers 20 nos. of Bike Ambulances are being operated in different districts in high terrain areas.

5.9 EQUITY & ADVOCACY

Statistics pertaining to sexual and physical violence against women in this country are alarming as around one in three is likely to face this sort of violence in her lifetime. Thirty three percent plus is a big number while the approach to mitigating such problems has to be a holistic one cutting across boundaries.

Thirty (30) One Stop Centers have been established in the State, to address Gender based violence victims. 47 thousand ASHAs have been trained in Gender Based Violence. PC & PNNDT Act implemented in all 30 districts. 60 doctors of public facilities trained on the guidelines & protocols on Medico-legal care for survivors/victims of sexual violence. 180 staff nurses training on the GUIDELINES & PROTOCOLS on Medico-legal care for survivors/victims of sexual violence is on the anvil.

5.10 Strengthening Implementation of PC & PNNDT ACT

Pre-Conception and Pre-Natal Diagnostic Techniques (PCPNNDT) Act, 1994 with Rules made thereunder is an Act of the Parliament of India enacted to safeguard the girl child, to stop female foeticides and arrest the declining sex ratio in India. The act banned prenatal sex determination. The Courts have at all material times and in all possible manners delivered judgments indicating therefore that the PC-PNNDT Act is actually a whip to penalize those indulging in sex determination and to serve as a deterrent to others. The recent judgments of the Courts are also supportive of the strict implementation of the PC-PNNDT Act.

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, 1413 USG facilities have been registered under the PC & PNNDT act including 28 Genetic Counselling Centres/ Genetic Laboratories/ IVF centres.. In the FY 2022 - 2023, 115 new registration, 104 renewal of registration have been provided by the District Appropriate Authority.
5. 451 monitoring visits to the Ultrasonography Clinics have been conducted during the year. 04 complaints have been received and redressed by the State Appropriate Authority. Departmental proceeding initiated against 7 Government doctors. 76 cases have been filed in the state since 1994. Total 27 court cases have been disposed off upholding the orders of the DAA.
6. Online Capacity Building Workshop of District Appropriate Authorities and District Nodal Officers on PC & PNNDT Act Implementation. Training of District Nodal Officers on PC PNNDT Act and Newly Recruited Asst. Managers, LA & IS on online registration and renewal of Ultrasound facilities have been conducted.
7. The informer's incentive scheme has been approved by the state government of Odisha.



8. 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.
9. Influencing state policy, special provision has been made in the State Policy for Women & Girls for protection and promoting value of the Girl Child.
10. Biju Kanya Ratna Yojana is being implemented in Dhenkanal, Angul and Ganjam District having low child sex ratio and BBBP programme in Nayagarh district.
11. 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 Swarthy Kantha, hoardings & wall paintings, tabloid during observance of Republic day parade at State and District level etc. Dedicated PC & PNDD website hosted for sharing of knowledge and information of public.
12. Resource and communication material in form of FAQ, leaflet, poster, banner, doctor's kit, legal kits etc. have been developed disseminated for awareness generation.

Gender Equity

1. 240 Doctors, 90 counsellors have been trained on Gender in health
2. Half day Orientation of Counselors at 104 Health helpline for proper response to the calls received on gender equity issues including PNDD
3. 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



Achievements

- State has made Online Registration and Renewal mandatory for all Ultrasound Centres from January 2021 onwards. FORM A, B, C and F mandated under the PC & PNDD Act including Online Payment.

Key Indicators		2017	2018	2019	2020	2021	2022
New USG Registration		44	54	86	66	91	115
New USG Renewal		106	43	51	44	48	115
Inspections		378	305	391	224	265	451
Registration	Cancelled / Suspended	34	17	16	07	14	1

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 62 FSOs in position.

Online Licenses Issued Till date	29102
Online Registration Certificates issued till date	93175
Total Amount Collected by the State	Rs.19,76,28,820.00

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 .

Year	Total No. of Samples Received (Legal)	No. of Samples Analysed	No. of Samples found adulterated and Mis-branded
2017-18	508	508	75
2018-19	229	229	54
2019-20	327	327	91
2020-21	702	702	73
2021-22	994	896	108
2022-23 (Till Jan)	852	852	114

Year	Total No. of Samples Received (Surveillance)	No. of Samples Analysed	No. of Samples found adulterated and Misbranded
2017-18	1040	1040	314
2018-19	1376	1376	373
2019-20	1599	1599	477
2020-21	2200	2200	523
2021-22	2730	2153	468
2022-23 (Till Jan)	2365	2295	364

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.

No. of Cases Launched

Year	Criminal	Civil
2017-18	19	42
2018-19	13	29
2019-20	14	33
2020-21	12	61
2021-22	33	84
2022-23 (Till Jan)	45	20

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,

5. 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)

6. TRAINING AND OTHER ACTIVITIES.

- **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.
- **Digital Mitra Training:** To increase the online FOSCOStrainings were conducted where applicants were trained to help the FBOs for filing online applications for ease of doing business.
- **Different newer initiatives have been started regarding Food Safety i.e.**
 - a. Clean Street Food Hub- is implemented in Khaogali, Bhubaneswar
 - b. 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
 - c. BHOG- 3 temples (SaniMandir, Kali Mandir, SaiMandir at Bhubaneswar) are chosen to be established.ISCON ,Bhubaneswar and Tarini Mata Mandir,Rourkela certified under BHOG.
 - d. 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.
 - e. SNF- Different Fortification procedures and RUCO for restrictive use of overcookedoil initiatives have startedto function.
 - f. Share Food-Under this initiatives surplus foods are distributed at the hunger point through NGO.

7. **Food Fortification** :Online Training on fortification has been given to Food Safety Officers and Lab personnel . Fortification training of Oil Industries,Milk Industries and Flour Industries completed in the State.

- **In 2021-22 the All India ranking of Odisha in the National Food Safety Index was in 8th position.**



CHAPTER 7

Director of Medical Education and Training

- Pandit Raghunath Murmu MCH, Baripada & Saheed Laxman Nayak MCH, Koraput has been enhanced 100 to 125 MBBS seats under EWS quota for the academic session 2019-20.
- In order to meet the demands of Doctors of the State, MBBS course has been started from the academic session 2020-21 in SJMCH, Puri. Further, two new Medical Colleges at Keonjhar and Sundergarh has been started from the academic session 2022-23 with annual intake of 100 MBBS students.
- Three new medical colleges are in pipeline at Phulbani, Jajpur and Kalahandi, construction of all these colleges are in full swing and expected intake of MBBS students is from Academic Session 2023-24 and 2024-25.
- Steps have been taken for strengthening of all Govt. Medical Colleges including enhancement of P.G seats in different disciplines.
- From the academic session 2022-23, PGIMER Capital Hospital, BBSR & AHPGIC, Cuttack has been made functional.
- One New Super Specialty Course has been started in Department of Endocrinology at MKCG MCH, Berhampur. Essentiality Certificate has been issued to start M Ch in Urology at MKCG MCH, Berhampur from the Academic Session 2023-24.
- Admission to all Allied & Paramedical courses are in Online mode through a Combined Counselling Process conducted by the DMET (O).
- Online registration of Clinical Establishment has already been started.
- Establishment of Tertiary Cancer Centre at MKCG MCH, Berhampur & VIMSAR, Burla are under process.
- Liver Transplantation Unit both Paediatric & Adult has already been started at SCB MCH, Cuttack.
- 10 Nos. of Kidney transplantation has already been conducted at SCB MCH, Cuttack during 2022-23 (up to November-2022).
- 33 no. of Trauma Care Facilities units are functioning in the State and 55 nos. of Trauma Care Centre are in-principle approved to be functional.
- Cashless treatment to trauma patients in first 48 hours of Trauma under Free Treatment Trauma Funds (FTTF) scheme has been provided in 18 Private Hospitals.
- High- End Instruments & Equipment (Anatomy Table, ECMO Machine, Maniquins etc.) are being procured in accordance with the requirements of the patients & Medical Students.
- During current Financial year (i.e. 2022-23) Rs. 14,78,78,921/- has been sanctioned in favour of 1694 Nos. of beneficiaries from OSTF.
- Free Drugs & Cancer Drugs are being distributed in all Govt. Medical Colleges & Hospitals of the State and AHPGIC, Cuttack respectively under NIRAMAYA Scheme.
- SOTTO has been established in SCB, MCH, Cuttack and made functional.
- Multi Disciplinary Research Unit work in 3 (Three) Govt. Medical Colleges of the State is under process.
- During the academic session 2022-23, 17 Nos. of DMLT/DMRT, 14 Nos. of Pharmacy, 2 nos. of Physiotherapy & 9 nos. of Allied Medical Science Institutions (New) have been given permission to start the course.
- Odisha University of Health Sciences has been established in the State.
- Mukhya Mantri Bayu Swasthya Seva (MMBSS) to provide high quality medical services to the people in the remote area of the State at their door step through air.

- Redevelopment of the SCB Medical College & Hospital, Cuttack into AIIMS+



Programme Expenditure

- Human Resource in Health & Medical Education: (60:40)- A sum of Rs.7176.00Lakhs has been proposed for BE 2022-23 for up- gradation of MCHs.
- NIDAN- A sum of Rs.10000.00 Lakhs has been provided during BE 2022-23 for the scheme in order to provide free Diagnostic to the patients comes for their treatment in Govt. MCHs of the State.
- NIRAMAYA-A sum of Rs.19999.90 Lakhs has been provided during BE 2022-23 for the scheme in order To provide free Medicines to all.
- Equipment: For up-gradation of Medical Colleges towards purchase of equipment & Spare Services to be installed for better services Rs.3000.00 lakhs proposed for BE 2022-23 in order to procurement of equipment to provide different test related to the patients.
- ANM & GNM School: 07 Nos. of ANM & GNM schools are continuing in the district i.e. Boudh, Dhenkanal, Kalahandi, Kandhamal, Nawarangapur, Sonapur, Sundargarh, Rayagada. In order to meet the recurring expenses of the staffs working under the said institutions, a sum of Rs.1089.04 lakhs proposed for BE 2022-23.
- Renal Transplant Unit:- The Renal Transplant Unit is functioning at SCB MCH, Cuttack. In order to meet the recurring expenses of the staffs working under the scheme and office expenses/ training a sum of Rs.33.72 lakhs proposed for BE 2022-23.
- Tele Medicine: The Odisha Telemedicine Project was launched during the year 2003 by Govt. of Odisha. The telemedicine project was implemented for augmenting the quality of health care of the people of the State and skill development of medical- cum-paramedical personnel through tele-consultations, tele-seminars, Online skill promotional courses and Online training programme for which a sum of Rs.410.00 Lakhs proposed for BE 2022-23.
- AMC/CMC of Equipment: For Annual/comprehensive maintenance of existing equipment in different Govt. Medical Colleges and Hospitals of the State, a sum of Rs.900.00 lakhs proposed for BE 2022-23.

- NATPCR: For up-graded Blood testing facility in the State and for implementation of NAT testing facility in the four identified Blood banks i.e in 3 Medical College and Hospitals and capital Hospital BBSR along with Red cross, BMC Hospital & Cuttack. A sum of Rs. 1500.00 lakhs proposed for BE 2022-23.
- Establishment of De-addiction Centres in the State: De-addiction Centres established in all three Medical Colleges and some DHHs with required facilities for which the remuneration of HR, furniture, Equipment DAC Drugs, IEC / BCC activities for which a sum of Rs.750.00 lakhs proposed for BE 2022-23.
- Bone Marrow -The scheme aims to provide multipurpose training to Medical and Paramedical staffs, for capacity building of Health professionals and skills up-gradation in the field of Bone Marrow Transplantation a sum of Rs. 10.00 lakhs proposed for BE 2022-23.
- Liver Transplant unit:The scheme aims to provide multipurpose training to Medical and Paramedical staffs, for capacity building of Health professionals and skills up-gradation in the field of Liver Transplantation a sum of Rs.24.99 lakh proposed for BE 2022-23.
- Sickle Cell and Thalassemia:-A new scheme has been introduced during the year 2019-20 towards treatment of the patients suffering from Sickle Cell and Thalassemia for which a sum of Rs.572.10 Lakh proposed in BE 2022-23 which is going to be functional at VSS, MCH, Burla.
- Jiban Upahar:- A new scheme has been introduced during the year 2019-20 for which a sum of Rs.120.00 Lakh proposed in BE 2022-23.
- Skill Lab (Cuttack):- A new scheme has been introduced during the year 2019-20 for which a sum of Rs.1000.00 Lakh proposed in BE 2022-23.
- FTTF- In order to facilitate prompt treatment and assist in the management in Golden Hours, it is decided to render the medical / surgical / critical care to such Trauma patients free of cost in the Private Hospitals a sum of Rs.4000.00 Lakhs has been proposed in BE 2022-23.
- Mukhya Mantri Bayu Swasthya Seva (MMBSS)- To provide high quality medical services to the people in the remote areas of the state at their door step through air, Govt. of Odisha has launched a new scheme MMBSS and a sum of Rs.125.00 Lakh has proposed in BE 2022-23.
- Odisha University of Health Sciences (OUHS)-To achieve high standard and uniformity of medical & Allied Science education & Research in the affiliated Health Institutions of the state, a sum of Rs.1500.00 Lakh has proposed in BE 2022-23.
- New Casualty and Trauma Care Facilities- In order to provide Trauma Care Facilities in the state 33 no. of TCFs are functioning and a sum of Rs. 1523.37 Lakhs has been proposed in BE-2022-23.

Chapter 8

State Institute of Health & Family Welfare

SIHFW is the apex training institution of the state with mandate to train in-service doctors, paramedics as well as to create awareness on all the programme & Schemes made by Government for the welfare of the people of Odisha. The below mentioned communication & training activities were conducted by the Directorate from April to Feb' 2023.

Communication Activity at SIH&FW (O):

SIH&FW deals with almost all communication activities conducted by department of Health & FW, across the state. SIH&FW prepare almost all prototypes, IEC materials and shared the same with all districts along with the implementation guideline also provide necessary support for implementation of the same. SIH&FW, (O) utilise the fund provided through NHM PIP, State Budget & from Public Health Response Fund to create awareness across the state by using 360 degree approach of Communication. In maximum times it utilise Mass media & Mid Media platforms to reach the community.

Observation of Designated Days: Government of India has issued guidelines to conduct around 41 numbers of designated days in a year & to create awareness among the community. Priority has been given not only to aware the public regarding the disease but at the same time many of the preventive measures has been given importance so as to help the community a disease free life. Due to Covid-19 pandemic many of these meetings were conducted through virtual mode at State Level however at District & Block level meetings were organised in physical mode.

At state level World health day was organised in physical mode, on 7th April, National Safe Motherhood Day on 11th April, AB-HWC Day on 14th April, World Immunisation Week from 24th to 30th April, Awareness on Prevention of heat stroke in April 2022, World Malaria Day on 25th April, National Dengue Day observed on 16th May, World Hypertension Day observed on 17th May, Awareness on SUMAN & PMSMA, School Health (AH), World Menstrual Hygiene Day 28th May, Covid-19 Awareness Activity, World No Tobacco Day on 31st May, World Environment Day on 5th June, World Blood Donor's Day (WBD) on 14th June, World Population Mobilisation Fortnight Campaign from 24th June to 10th July, World Population Day on 11th July, The World Hepatitis Day on 28th July, Anti Dengue Month in July 2022, World Breast Feeding Week from 1st to 7th August, National De-worming Day from 10th to 23rd August, Eye Donation Fortnight 25th Aug to 8th Sep', International Day of Clean Air for Blue Sky on 7th September, International Safe Abortion Day on 28th September, World Rabies Day on 28th Sep' & World Heart Day on 29th Sept', International Day for Elderly care on 1st of October, National Voluntary Blood Donation Day on 1st October, World sight day on 21st October, World Stroke day on 29th October, World Diabetes Day 14th , Social Awareness & Action plan to Neutralize Pneumonia Successfully (SAANS) 12 Nov, New Born Care week 15th -21st Nov', COPD day 16th Nov', Vasectomy Fortnight from 21st Nov' to 4th Dec', & Universal Health Coverage Day on 14th Dec'2022, National Girl Child Day on 24th Jan', Anti leprosy Day on 30th Jan' & World cancer Day on 4th Feb' were observed.

Mass Media & Mid Media Activities: Advertisements through different News Papers, DD & Local Television Channels, All India Radio, FM Channels are implemented by this Directorate in coordination with I&PR department Government of Odisha. With support of I&PR department's empanelled agencies/firms 42 numbers of video spots in animated format and 17 numbers of general video spots were produced by this directorate along with documentation on distribution of LLIN across Odisha and Felicitation of Covid Warriors as well as video documentary on role of IEC in Covid-19 management in Odisha. Apart from that in between April 2022 to Feb'23 more than 762

numbers of news paper advertisements has been published as well as more than five thousands seven hundred numbers of Video & Audio spots were also disseminated through TV &, FM, Radio channels along with more than twenty thousand audio spots through community radio platform to create awareness on different themes in different mass media & mid media platforms. Along with a book describing the achievements made by Girl Child “**Swasyamsidhha**” was prepared and review of implementation of communication as well training activities has been organised through virtual mode.

Orientation of PHEOs on HWC activities was conducted through virtual mode. A three days Capacity building training for Asst.manager IEC/BCC & Training was conducted at State level, SBCC Taranga, District Level Training programme has been started with an objective of IPC skill building of 19,332 numbers of ASHAs in 10 districts namely Bolangir, Dhenkanal, Jharsuguda, Kandhamal, Keonjhar, Koraput, Mayurbhanj, Nuapada, Rayagada & Sundargarh in 2022-23. Mass Drugs Administration campaign has started from 10th Feb’23 to elimination of Lymphatic Filariasis (LF) in 10 endemic districts namely Balasore, Bhadrak, Balangir, Cuttack, Kalahandi, Kandhamal, Khurda, Nayagarh, Nuapada and Rayagada.

Training activity report at SIH&FW (O):. In the year 2022-23 (Apr’22 to Feb’23) the following training activities were carried out by the training wing of DSIH&FW, Odisha.

- 3 batches of Three days Patient safety Training for Medical officers, Nursing officers and LTs were completed in joint Collaboration with PHFI, New Delhi.
- Virtual Review meeting was conducted under the chairmanship of Director, SIHFW, on TMIS with 30 districts and 10 Medical colleges for two days in which all the DDMs, DMRCHs, BDMs, Hospital managers and DEOs were participated.
- Process completed for release of funds to teachers and Asst.Teachers under CPS Mumbai.
- Training Selection committee meeting was held virtually to fix the criteria for nomination and selection of medical officers for PGDPHM course for the year 2022-23.
- 4 days training on leadership development for causing incredible performance in public health sector in Odisha with support from HSTP was organised at SIHFW, Odisha.
- 3 batches of 3 days ToT on Comprehensive IUCD training for O&G Spl, Medical Officers and Nursing Officers are completed.
- 5 days State level NSV ToT at CHC Ghatagaon was completed.
- Selection completed for one Year PGDPHM Course for Medical Officers at IIPH, Bhubaneswar for which 15 no of candidates were selected out of 27 no. of candidates for the course.
- 5 batches of 2 Days training on TMIS for Hospital managers, DEOs of SCB MCH and Capital Hospital and Asst. Manager Trg./IEC-BCC and BDMs completed.
- 4 batches of 12 working days laparoscopic training for Medical officers, staff nurse and OT attendants (team) are completed at city hospital Cuttack.1 batch of State ToT on RTI/STI training was completed.
- 3 batches of 30 Days Induction Training for newly appointed Medical Officers (MBBS) completed on 12/01/2023.
- 12 batches of 5 days refresher training for MPHw (M) at Regional Health & Family Welfare Training Centers, Cuttack and Jagatsingpur and Dept.of Community Medicine, MKCG MCH, Berhampur and FMMCH, Balasore was conducted

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 2022-23 are as follows.

- 250 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.
- New appointments of 21 lecturers for Govt. Ayurvedic Medical colleges, 36 lecturers for Govt. Homoeopathic Medical colleges, 116 Homoeopathic Medical Officers(HMOs) and 147 Ayurvedic
- Medical Officers(AMOs) have been made for Govt. Homoeopathic and Ayurvedic Hospitals/dispensaries of the State.
- Medicinal Plant Gardens have been developed at all AYUSH educational institutions and Govt. Hospitals of the State.
- Stipend of the AYUSH P.G scholars of Ayurvedic and Homoeopathic colleges have been enhanced from Rs.21,000/- (1st Yr.) ,Rs,22,000/- (2nd Yr), Rs,23,000/- (3rd Yr) to Rs.31,000/- (1st Yr.) ,Rs,32,000/- (2nd Yr), Rs,33,000/- (3rd Yr).
- Construction of 50 bedded integrated AYUSH hospital at Berhampur has been started.
- Training programme have been done for Capacity building of DAMOs, DHMOs, AMOs/HMOs at AYUSH Health & Wellness Centers and newly recruited AMOs/HMOs of the State.
- Essential AYUSH drugs have been procured through OSMCL, Bhubaneswar .
- School Health Programme , Outreach activities, IEC/BCC and AYUSH Grama under National AYUSH Mission are in progress.



- The State Government have established 02 (two) Ayurvedic and 01 (one)
- 75 nos. of Homoeopathic medicines have been prepared and distributed to Govt. Homoeopathic Hospitals and Dispensaries of the State.
- 2328 No. of AYUSH drugs have been tested at State Drug Testing and Research Laboratory(ISM) in Bhubaneswar during the year 2022-23.

Proposed policy/action to be taken during 2023-24:

- Vacant posts of AMOs/ HMOs shall be filled up through OPSC, Cuttack.
- Vacant posts of lecturers of 03 Govt. Ayurvedic Colleges and 04 Govt. Homoeopathic Colleges shall be filled through OPSC, Cuttack.
- Vacant posts of AYUSH Assistants shall be filled up through OSSC, Bhubaneswar
- Functioning of 50 bedded integrated AYUSH Hospital at Dhenkanal .
- Construction of 50 bedded integrated AYUSH Hospital at Balasore will be started.
- Operationalisation of 300 nos. of AYUSH Health Wellness Centers.
- Drug Testing laboratory(DTL) for Homoeopathy will be started.
- “AYUSH Wing(Panchakarma)” will be set up and made functional at District Head quarter Hospital, Bargarh and Keonjhar
- Outreach activities and AYUSH Grama will be done as per approved guideline.

CHAPTER 10

DIRECTORATE OF NURSING, ODISHA

- 03 (Three) Numbers of Nursing personnel of our State have been awarded with Florence Nightingale Award.
- 20 (Twenty) Continuous Nursing Education (CNE) programme organized by the Govt. Nursing Institutions for the Nursing Personnel and students have been completed.
- Successfully organizing 1 (One) batch of 6 weeks training programme(will be completed in Feb'23) organized by SNC Berhampur for the faculties of the Govt. Nursing institutions which is covering 15 (Fifteen) participants.
- Successfully completed 45 batches of 6 days DAKSH training organized by the Comprehensive skill lab for the Nursing officers of the State having 700 participants.
- Successfully organized 1 State level workshop at College of Nursing, SCB Cuttack involving more than 1000 participants (Nursing personnel and students of the State).
- 11 meritorious students of ANM, GNM, Basic B.Sc., P.B.B.Sc. & M.Sc. Nursing course have been rewarded in the state level workshop organized at College of Nursing, SCB Cuttack.
- Exposure visit of 08 Numbers of State/District Officials to Hyderabad and Gujurat have been successfully completed.
- 8 Govt. Nursing Schools at Cuttack / Berhampur/ Burla / Dhenkanal / Kandhamal / Kalahandi / Sundargarh/ Nabarangpur upgraded to B.Sc. Nursing Colleges with total annual intake capacity of 750 students in B.Sc. Nursing course and admission in these Nursing College has been completed for the academic year 2022-23.
- Total 4080 Nursing Officers have completed the CPCH training programme.
- Two Batches of 3 months virtual certificate training programme have been successfully organised by PGI Chandigarh on Leadership and management training programme and Competency Based Nursing Education & Core Competencies of Nursing Educator of Nursing Faculties from all Govt. Nursing INSTITUTIONS.
- The State Midwifery Training Institute is fully functionalized and accredited as the National Midwifery Training institute.
- 1st batch of NPM training programme is being carried out successfully at the State Midwifery Tanning Institute(SMTI) College of Nursing, SCB MCH, Cuttack.
- 06 Numbers of Midwifery Educators have already completed their 6 months training t NMTI Meerut, UP.



- Establishment of MLCU at MKCG, MCH Berhampur and SMTI at College of Nursing Berhampur is under process and will be functionalized by mid of Feb'23 and the 1 st batch of NPM training programme will start at SMTI College of Nursing, Berhampur.
- Two batches of Administrative and Management training programme for the senior Clinical Nursing Personnel will be organized by PGI Chandigarh at NIHF New Delhi in April '23 and Sept'23.
- Requisition for recruitment of 7483 Nursing Officers against the newly created posts in 30 districts and Medical College Hospitals is completed and will be shortly posted after due processing by OSSSC.
- 219 (Two Hundred Nine) Nursing Officers have been promoted to the Post of Asst. Nursing Superintendent.
- 08 (Eight) Asst. Nursing Superintendent have been promoted to the Post of Deputy Nursing Superintendent.
- Revised Provisional Gradation list of Tutor as on 25.11.2022 have been prepared and published for invitation of objection.
- Odisha Nursing School Education Service Cadre is under active consideration under Government for implementation.
- Services of NHM inducted 392 No. of contractual Nursing Officers have been regularized benefiting them good future career ahead.

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 18 nos. of beltless sanitary napkins per month. A total of 16,89,366 beneficiaries have been identified from 29557 schools.

For the financial year 2020-21, around 36,49,03,056 pieces of Sanitary Napkins have been provided to beneficiaries. For this scheme, a total expenditure amounting to Rs. 95.66 crores has already been made till 31.01.2022.

For the financial year 2022-23, tender has been finalised for 18,24,51,528 pieces of sanitary napkins and supply under process.

3. EQUIPMENT DIVISION –

- **Equipment, Instrument & Furniture (EIF)**

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.

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

4. Supply of Equipment for establishment of Fixed Vision Centre & Mobile Vision Centre under SUNETRA programme: Supply of 06 nos. of items (Auto Refractometer, Slit Lamp, Digital LED Vision Chart, Revolving Stool, Fundus Camera & Ophthalmoscope) for establishment of 220 Nos. of Fixed Vision Centres & 9 Nos. of Mobile Vision Centres under SUNETRA programme.

6. Tender for Radiotherapy Equipment for AHPGIC, Cuttack:

Supply of high end Radiotherapy Equipments (High & Low Energy LINAC & Brachytherapy) at AHPGIC, Cuttack.

7. Tender for ceiling Suspended high end cathlab machine:

Supply & installation of high end Cardiac Cathlab Equipments at SCBMC&H, Cuttack and Capital Hospital, Bhubaneswar.

8. 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.

9. Tender for Mobile Blood Collection Vans & Vaccine Van :

Contracts have been issued for 5 Nos. of Mobile Blood Collection Vans and 10 Nos. of Vaccine Vans and supply is under process.

On-Going Tenders already floated:

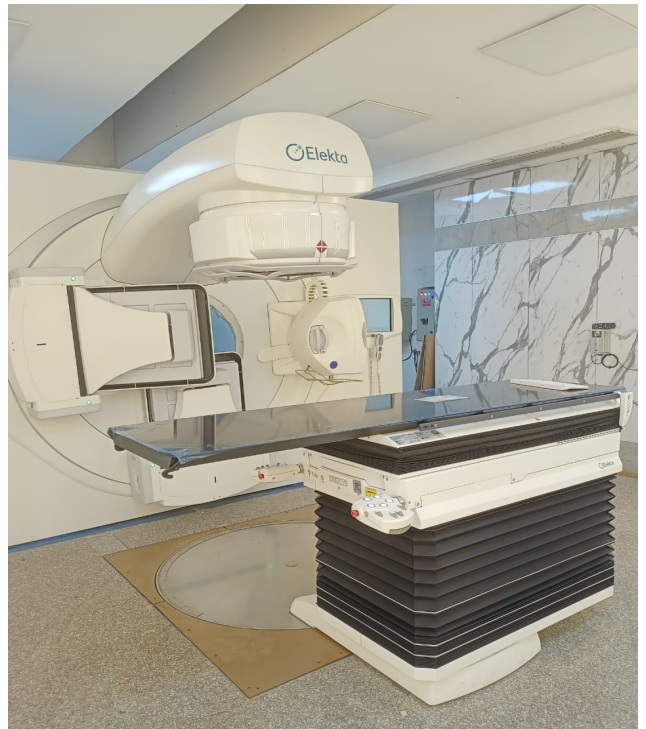
1. Implants and Consumables / Accessories relating to Cardiology & CTVS Department:

Tender has been floated for supply of the Implants and Consumables / Accessories relating to Cardiology & CTVS Department on Rate Contract Basis and evaluation under process

2. Equipment for establishment of Cardiac Care Hospital, Jharsuguda:

Tenders have been floated for EIFs required for Cardiac Care Hospital, Jharsuguda and evaluation is under process.

Tender has been floated for Supply of Instrument Sets Relating to Cardiac Care Hospital, Jharsuguda and MKCG, Berhampur and evaluation under process



3. Empanelment of laboratories to Conduct Molecular Pathology Tests Of Samples Collected at Various Govt. Healthcare Facilities:

Tender has been floated 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 evaluation under process.

4. Supply of MRI Scan Machine

Tender has been floated for Supply, Installation & Commissioning of 3 Tesla MRI Scan Machine for Dept. of Radio diagnosis of SCBMCH-Cuttack and evaluation is under process.

5. Supply of High end Laboratory Equipment with their Reagents

Tender has been floated for Supply, Installation & Commissioning of Laboratory Equipment with Their Reagents and evaluation is under process

6. Tender for supply of Fully Automatic Biochemistry Analyser on reagent Rental basis:

Tender has been floated for supply of Fully Automatic Biochemistry Analyser on reagent Rental basis and evaluation is under process.

7. Tender for supply of high end surgery equipment at AHPGIC, Cuttack:

Tender has been floated for Supply, Installation & Commissioning of Surgical, Oncosurgical & Anaesthesia Equipment at AHPGIC-Cuttack and evaluation is under process.

8. Tender for supply of high end ophthalmic equipment :

Tender has been floated for Supply, installation & commissioning of high end ophthalmic equipment and evaluation is under process

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.

4. QUALITY ASSURANCE DIVISION –

(A) Quantitative Report (from 1st Apr' 2022 up-to 31st Dec '2022)

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' 2022 to 31st Dec '2022 are given below;

	No. of items	No. of Batches
Received	550	6840
Sent for testing	533	6175
Report received	524	5716

(B) ACHIEVEMENTS :-

- No. of Items declared as Not of Standard Quality (NSQ) by empanelled laboratories-**1 no.**
- No. of Batches declared as NSQ by empanelled Laboratories -**1 no.**
- No. Firms Blacklisted/De-barred in respect of individual items -**03 nos.**
- No. of Firms Blacklisted/ De-barred for all items –**nil**
- No. of Laboratories empanelled for year 2022-23 -**14 nos.**

5. 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 2022-23 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.
- 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. **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:

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:

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.

CHAPTER 12

DIRECTORATE OF DRUGS CONTROL

- The main object of Directorate of Drugs Control is to ensure availability of standard drugs in affordable price to public and to prevent availability of substandard drugs. During last 10 years the vital challenge faced was during COVID pandemic when there was restriction on movement, transportation, etc. and it was quite difficult task for the regulatory officers to ensure the main objectives. However with great courage all the officers and staff of this Directorate have proved to be a friend in need for the public. The Drugs Inspectors under supervision of Senior Officers have monitored the logistic supply chain of essential drugs including COVID management drugs. Without caring their own protection they have ensured availability, transportation, filling, etc of medical oxygen in manufacturing / filling site, hospitals which resulted no short supply of medical oxygen throughout the State. Although there was less availability of hand sanitizer in hospitals as well as in the market during the beginning of COVID-19 pandemic, the Directorate took speedy measures and issued licences to the distilleries and bottling plants to manufacture for sale / distribution of hand sanitizers for which immediate distribution of the same was possible for public use. As per instructions of Government, this Directorate in coordination with Industries Deptt. and IPICOL monitored availability of medical oxygen to the bed side of patients in different hospitals of the State on daily basis under the Chairmanship of the Principal Secretary to Govt. of Odisha, Industries Deptt. Such monitoring was widely appreciated.
- During COVID pandemic the Odisha State Medical Corporation Limited (OSMCL) faced great challenge to ensure quality of drugs as there was no means available to send samples of drugs received by them from different manufacturers for test and analysis in different laboratories outside the state. The testing wing of this Directorate, i.e. the State Drugs Testing & Research Laboratory then stood bold and tested all the samples sent by OSMCL to ensure their quality. At the same time regular sample received from Drugs Inspectors of different parts of the State were also tested. Such tremendous effort given by the officers and staff of SDT&RL made it possible to distribute standard drugs to Govt. Hospitals throughout the State.
- 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 which is at the stage of completion and is going to function shortly.
- 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.
- This Directorate coordinated with the Govt. of India and different pharmaceutical manufacturers for availability of life saving drugs for treatment of COVID such as Remdesivir, Tocilizumab, Favipiravir, Amphotericin-B, Enoxaparin and monitored the supply of such drugs to different hospitals through OSMCL.
- 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 officers of this Directorate also detected charging of higher price on scheduled formulation and subsequently more than 54 Crores (INR) has been fined and recovered from concerned manufacturer.
- 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).
- 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 (copy enclosed).
- 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 .
- Government have constituted a Special Task Force (Drug Enforcement Squad) to conduct surprise raid, inspection of facilities, storage of drugs and medical consumables.

CHAPTER 13

Orissa State AIDS Control Society (OSACS)

Odisha is regarded as a low prevalent but highly vulnerable state. Factors like out-migration, poverty, sex-work and homosexual activity among men make the state vulnerable for HIV

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.

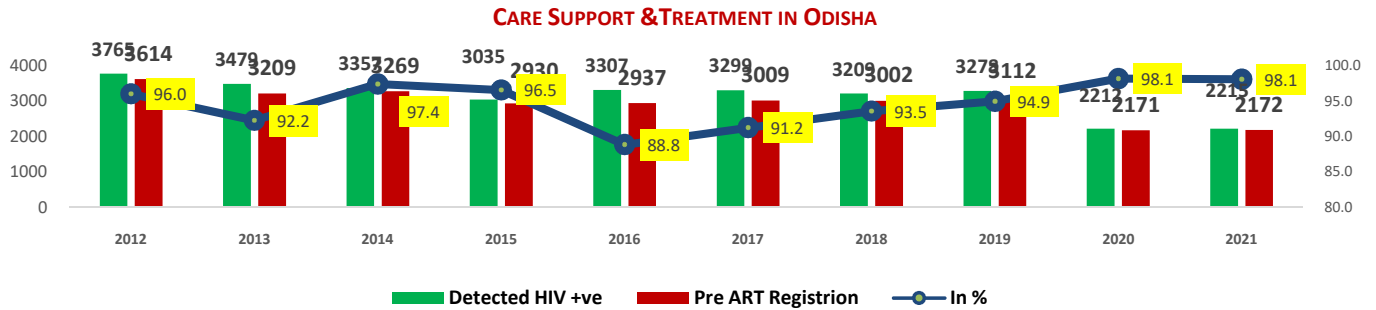
Program intervention

Basic Service Division: Providing Counseling & Testing services to different types of clients, There are 232 ICTC , 375 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.

- 7 lakhs pregnant women counselled & tested for HIV annually after consent and detecting 210- 225 positives, appropriate pre-post ANC care provided. 95% of ANC/PW screened for syphilis.
- 7.2 lakhs of general clients including High risk group (Female Sex worker, Man having Sex with Men, Transgender, Injecting Drug User, Migrant, Trucker) were availed counselling & testing services last year.
- The HIV/Syphilis screening gap reduced; there is an increase in screening in VHSND (from 21 % to 69%).
- Designated Microscopic Centres (DMC) of NTEP facilitated to screening of the HIV in the state, 98% of the notified TB cases screened last year..

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.

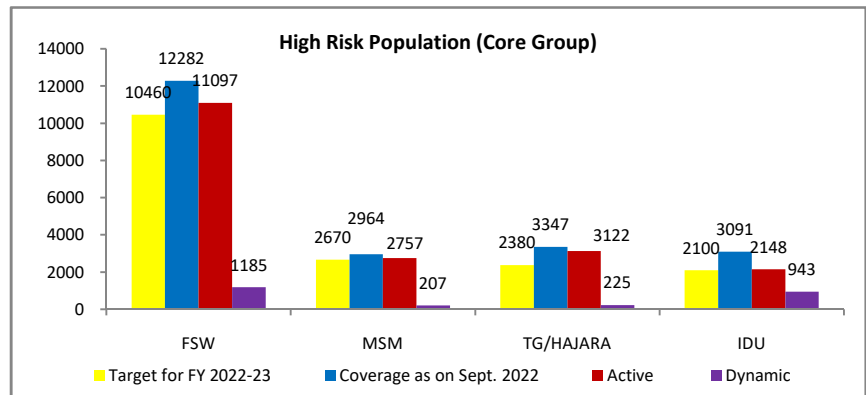
- New PLHIV are registered for ARV after all investigation through NIDAN within one day.
- ART dispensation has increased from 93% to 99% for new cases in this year.
- Introduction of e-SACEP (State AIDS Clinical Expert Panel) helps client take recommended ARV from nearest ART to improve their adherence level.
- ART Centre SCB, MCH has declared as CoE, from 1st Dec. 2022, as per the approval of EC.
- 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

- Programmatic mapping (pMPSE) of key population in TI coverage and non-coverage areas has been completed.
 - To identify the hidden / unserved HRG population in all the blocks of 30 district..
 - pMPSE population will be validated by district authority before submission to SACS & NACO.
- As per the orders of Hon’ble Supreme Court and subsequent communication from NACO 18429 Sex workers out of 19205 availed Ration Card in the state.
- For Onboarding of the new 4 TI s & 1 LWS EC has given the approval and it will be completed after due official process.



IEC & Mainstreaming

Create awareness among youth, migrants and other vulnerable population. Activities under New India @ 75 were done in 10 districts involving their different college students. 2 nos. of Half yearly Newsletters of OSACS have been published during World AIDS Day – 2021 International Women’s Day – 2022.

- In 5 lakhs Postal Passbooks, HIV/.AIDS awareness message had been printed.
- LED display of HIV/AIDS messages in 40 nos Bus Que Shelters in Cuttack city. & Berhampur, Ganjam.
- 1,85,26,780 SMS Campaign on HIV/AIDS through BSNL.
- Linking PLHIV to various Social Security Schemes through single window system MBPY, AYY, BijuPuccaGhar, Free Ration, Free schooling, Free Bus Pass, Legal Aid etc..
- Capacity building training for PLHIVs has been completed in 3 districts i.e. Keonjhar, Kendrapara ,Gajapati during Aug’22.

- 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.

District Integrated Strategy for HIV/AIDS (DISHA)

Expanding the district level monitoring with a mixed model approach, NACO is going to establish and function of cluster units under DISHA (**District Integrated strategy for HIV/AIDS**) across the Country in the most efficient manner. In Odisha, all 30Nos. of districts were reclassified as high, moderate, low and very low. The headquarter of DISHA unit will be establish in 6 nos. of existing DAPCU district and two new district i.e. Sundargarh&Nawarangpur will cover 24 districts.

Strategic Information Division

Monitoring physical progress through real time applications like Strategic Information Management System – SIMS, PLHIV – ART – Linkages System – PALS, Strengthening overall Care for HIV beneficiaries – SOCH (June 2021). 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.Review the progress of divisions against AAP target.



CHAPTER 14

Acharya Harihar Post Graduate Institute of Cancer

- The new IPD,20 bedded ICU building and PET-CT services were inaugurated by Hon'ble Chief Minister on 13th October 2022.
- The hospital bed strength has been increased from 281 to 507.
- Two new LINACs are under the process of installation.
- A day care service having 25 beds over the new LINAC bunkers is expected to be completed by the end of February 2023.
- A formal proposal for blood bank has been submitted to Government.
- Three batches of State Level Hands on trainings of DHH Doctors & Lab. Technicians were conducted in the month of March 2022.
- A State Level World Hospice & Palliative Care Day was celebrated in coordination with various NGOs on 9th Oct 2022.



Hospital Statistics:-

SL No.	Particulars	Number
1.	Total No. of OPD registration:	135310
2.	Total No. of Admission:	28126
3.	Total No. of Pathological Investigation:	732560
4.	Total No. of Radiological Investigation:	32156
5.	Total No. of OT Procedure:	3043
6.	Total No. of Chemotherapy Cycle:	34511
7.	Total No. of Radiotherapy Treatment:	6747
8.	Total No. of PET CT Scan Test (PPP mode):	1207
9.	Total No. of CT Scan Test (PPP mode):	17248
10.	Total No. of MRI Test (PPP mode):	6910

CHAPTER 15

Strengthening Blood Services

- Blood Centres: Director Blood Safety Supports 55 Govt Blood Banks, one Central Red Cross Blood Bank, 29 Pvt blood Banks and 42 no of functional Blood storage units in the state of Odisha.
- Blood Component Separation Units: 12 Nos of Govt Blood Component Separation Units are functioning, 2 Nos of BCSUs are yet to establish, 13 No. of Pvt Blood Component Separation Units are functioning in the state.
- Blood Collection in the year 2022: The Total Blood Collection was 491888 units out of which the total voluntary blood Collection is 332619 units i.e 68% 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): 4,56,406 units of free blood transfusion (service charge exempted) was issued during the year 2022.
- Transport cost assistance for blood disorder patients: 20,078 blood disorder patients have been provided the transport cost assistance @ 500/- per person /per month.
- Mobile Blood Collection Vans: The Nine Mobile Blood Collection vans at SCB MCH, cuttack, MKCG MCH, Berhampur, VIMSAR, Burla, DHH Koraput, DHH Bolangir, DHH Balasore, DHH Baripada, DHH Bargarh and RGH, Rourkela etc. contributed a Voluntary Blood Collection of 1,28,265 units in the state.
- Odisha Sickle Cell Project: Sickle cell project is operational at 12 western sickle cell prone districts organising health camps at Schools. 334 Nos of camps were organised from April-22 to January-23.
- “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 is to increase access to testing, counselling and pre-natal diagnosis along with counselling and screening of individuals and couples. 82313 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 and the procurement is under process. 178 samples have been tested till now in the launching process and the screening data are entered in the National Sickle Cell Portal.

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/ NFA/ SFSS card holder families in the State, for an annual health coverage of Rs. 5 lakh per family and additional Rs.5 lakh for the women members of the family after exhaustion of the initial limit.

Under Component-2, 96.5lakh families covering more than 3.5 Crore beneficiaries of the population of Odisha are covered from 01.09.2021.



Achievement: Achievement under BSKY from 01.01.2022 to 31.12.2022.

Component-I (In Govt. Hospitals)	
Number of OPD cases	Number of IPD cases
5,33,99,908	28,74,629

Component-II (In Private Empanelled Hospitals)	
Number of claims raised	Amount of Claim raised
6,45,036	Rs. 1456,42,260,40

GRIEVANCE & PATIENT FEEDBACK UNDER BSKY

For addressing the public grievance, a dedicated 24 X 7 BSKY call center (DIAL 104) is in place. Based on the requirement, the call center executives facilitate the beneficiary. If needed, they provide the contact details of the respective District Coordinator and SwasthyaMitra for better facilitation.

- 104 Call Centre:** Any person can raise any query or complaint regarding BSKY Scheme at toll free number 104 which is available 24 X 7. Further, 100% call back made to all admitted patient under BSKY with feedback of 98% satisfaction.
- BSKY beneficiaries can also contact E & IT Department Toll Free Number-155369 for any BSKY Smart Health Card related issues.
- Mo Sarkar Feedback system:** The State Government takes direct feedback from the beneficiary patients regarding quality of treatment, behavior of the service providers, any out-of-pocket expenditure by the beneficiaries etc. Citizens can also register their contact number for feedback/ grievance through Mo Sarkar Call center no.14545.

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 has the responsibility of co-ordinating 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 2021.

➤ Human Resources status

The Directorate had to deal with a severe scarcity of manpower to undertake the birth and death registration work in the urban & rural registration units. Out of the 393 position of Vital Statistics Clerks Sanctioned in the state, only 90 are in position. 303 positions of VS clerks which is about 75% of the total sanctioned positions is lying vacant. Out of the 38 positions of Statistical Assistants, 29 are lying vacant. Out of the 13 positions of Statistical investigator positions in the state 9 are lying vacant.

The year 2022 has been a year in which the Directorate initiated some important steps for strengthening of the civil registration system in the state. Some of the measures initiated in the year 2021 are as follows

- I) The registration of birth and death in the urban registration units of Odisha was started in the new online app of birthdeath.odisha.gov.in.
- II) This new online app enabled the doorstep delivery of registration services for the citizens. A citizen can apply for the birth/death certificate online and download it sitting at his home.
- III) Physical Induction training of all the newly joined VS clerks was conducted by the Directorate of HI & VS.
- IV) 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. All 30 districts have conducted their DLCCs for the year 2022.
- V) The Interdepartmental Co-ordination Committee meeting for the year 2022 was conducted under the chairmanship of the Additional Commissioner-cum-Secretary to Government, Department of Health &FW,Odisha
- VI) The Online portal of mccdodisha.gov.in was launched in January, 2022 for uploading of data on Medical Certificate of Cause of Death (MCCD).All the hospitals of the state are now uploading the MCCD reports in the online portal.
- VII) 6, 46,075 number of births and 4,39,726 deaths have been registered in 2021.(Source: Annual report,2021 submitted to Registrar General of India)
- VIII) 93% of the births have been issued with birth certificates within 21 days of its occurrence.
- IX) 100% certificates of birth and death have been issued to the beneficiaries within 7 days of submission of application for getting certificates.

- X) 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 in the name of mother which will be latter transferred in the name of the child after 5 years. The 47 hospitals where the ALBR will be initiated has been identified. The data entry operators deployed by OCAC who will manage the ALBR in the respective hospital have been trained and their on barding process has been completed.

- XI) 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 whats app 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.

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

