

Monitoring and Evaluation of Programme Implementation Plan, 2018-19:

Jalgaon District, Maharashtra

Report prepared by

Raj Pol

Baldev Singh Kulaste

Vini Sivanandan

Population Research Centre

Gokhale Institute of Politics and Economics

Pune – 411004

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Monitoring and Evaluation of Programme Implementation Plan, 2017-18, Jalgaon

Executive Summary

As directed by MOHFW, the monitoring and evaluation of the PIP (2018-19) of Jalgaon District was carried out during the period 3-7 September 2018. The District Health Office, District Hospital (now Medical collage), and one each of SDH, CHC, PHC and SC were visited by the team of Population Research Centre (PRC) for the study. Primary data were collected using the semi-structured questionnaire from the District Programme management Unit. This report will discuss in detail of findings with regard to activities under NHM in Jalgaon district as observed during April 2018 to August 2018.

Key Observations of Jalgaon District.

- ❖ Jalgaon district has sanctioned Medical College in October 2017 and it is functional with District hospital. So all institutional facilities are hand over to medical college. Now DH has handed over the building and staff to Medical College. All types facilities are hand over to Medical college only some facilities are conducted DH under the civil surgeon supervision.
- ❖ Services of ANC, PNC, Deliveries, and Neonatal care, Immunization, JSY and JSSK are being Implement at various levels of service points in the district.
- ❖ Shortage of manpower is noticed in the visited facilities. So there is need to strengthen the available Infrastructure as well as needs to increase the manpower at the various facilities. In addition we also observe shortage of medicine and equipment in some visited facilities.
- ❖ Heavy numbers of IPD and OPD patients have been observed in the visited facilities. Deliveries at SDH, CHC and PHC have increased per month due to JSSK. Maternal and neonatal mortality rates have come down. Neonatal complications are managed effectively.
- ❖ NRC although available in the district is not functioning well due to the shortage of manpower. In charge medical officer are not available. In addition, the space available for NRC is inadequate.

- ❖ AYUSH facility is available in the district. AYUSH OPD is conducted separately in the district. AYUSH facilities are good. All types of facilities are available in the district.
- ❖ Functional SNCU, NBSU are available in the district, all essential equipment's and trained manpower is available. Some facilities have the shortage of manpower for SNCU and NBSU in the district.
- ❖ ARSH clinics are functional with trained manpower in DH SDH and CHCs.
- ❖ JSSK scheme was launched in 2011 in all the districts in all Maharashtra. Under JSSK the pregnant women who avail the government facilities in Jalgaon district receive benefits like free registration, check-up treatment and delivery including cesarean section and blood transfusion
- ❖ In the district, 46 RBSK team are working but they do not have adequate medicine for the field in the district.

Suggestion

- Manpower needs to be increased in the district, specialists post should be urgently filled up.
- Radiologist post should be filled-up urgently for SDH Chopda as although a new sonography machine is available it is non-functional due to non-availability of Radiologist.
- DPM post should be filled-up urgently this post is vacant in the district. M& E has to handle the charge of DPM in addition to his own duties in the district.
- PHC level RKS fund is not sufficient and hence funds should be increased to provide effective services to the beneficiaries.
- In PHC Pimparkhed and bhadgaon CHC the staff quarters needs to be repaired on an urgent basis as staff quarters are very old.
- CHC bhadgaon is having a capacity of 30 beds as the demand for health service is very high the bed capacity needs to be upgraded to 50 beds. Due to heavy workload all the positions of Class I and Class IV need to be filled for smooth functioning.
- CHC Bhadgaon has sanctioned NBSU but yet to be functional, hence it needs trained manpower to function efficiently.
- Training should be provided to all the staff on regular basis.

- SDH chopda has blood storage unit but the technician is not available hence the position of technician need to be filled on an urgent basis.
- PHC Pimparkhed has been provided with only one Medical officer and has to handle the heavy workload at PHC.
- PHC Pimparkhed has a shortage of general medicine (diabetes, and hypertension).
- Sub center Nalabandi vadgaon requires grant for wall compound and important instruments for delivery. In addition, one regular ANM should be urgently appointed in this sub Centre.
- Only one SNCU is available in the district hospital with a bed capacity of 20 but there is high demand and hence bed strength need to be increased in the SNCU Staff for smooth functioning.

1 Introduction

In keeping with the goal of the National Health Mission, the Programme Implementation Plan (PIP) 2018-19 has been designed and submitted to Ministry of Health and Family Welfare (MOHFW), Government of India by all the states and the Union territories of the country. The PIPs categorically specify the mutually agreed upon goals and targets expected to be achieved by a state or a UT while adhering to the key conditional ties and the road map given for PIP. In order to assess the implementation and progress of PIP, the MOHFW has assigned the task of evaluation and quality monitoring of the important components of PIPs to various PRCs. PRC, Pune was assigned the evaluation study of the PIP of Maharashtra.

As directed by MOHFW, the monitoring and evaluation of PIP 2018-19 for Jalgaon District was carried during the period 3rd of September to 7th of September 2018. In order to carry out quality monitoring and evaluation of important components of PIP, various types of check-list developed by the Ministry were used. The check-list for District and Facilities were aimed at gathering data pertaining to the actual implementation of PIP at the district and facility level.

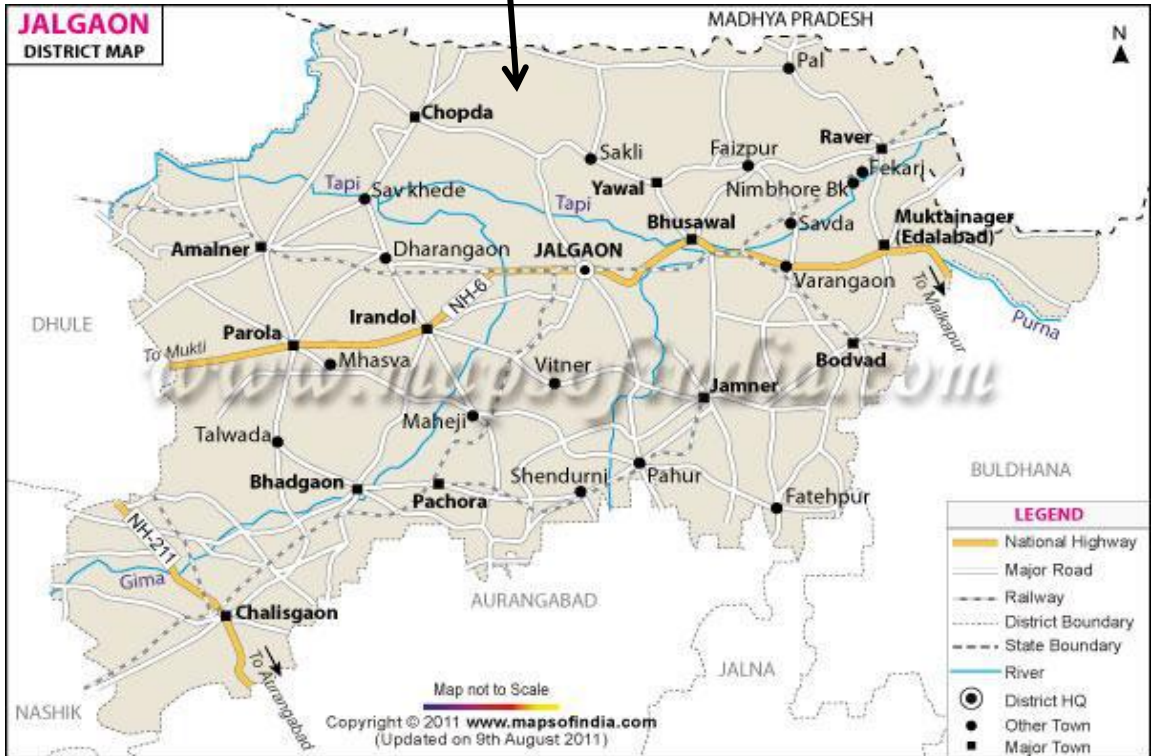
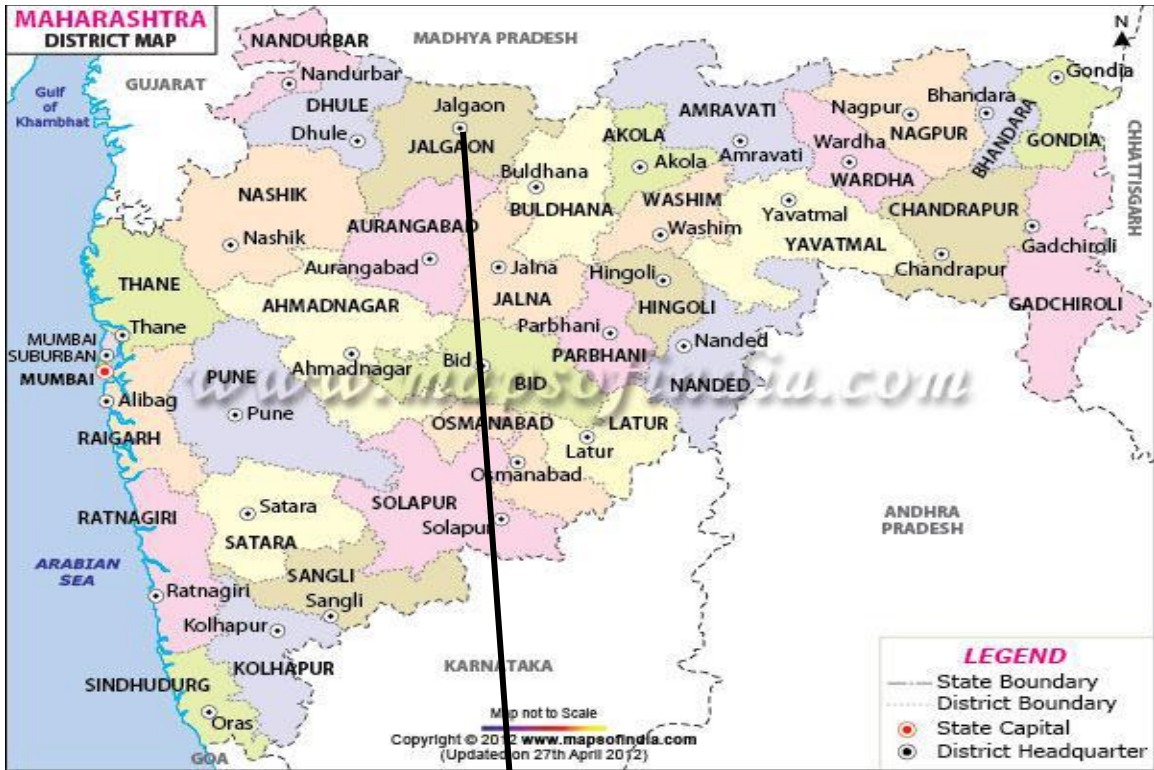
In consultation with DHO, CS, DPM, MS, IPHS Coordinator in the district, DH Jalgaon, SDH Chopada, CHC Bhadgaon, PHC Pimparkhda, and SC Nalabandi vadgaon were selected for monitoring of PIP. Accordingly, the District Health Office, DH jalgaon, SDH Chopda CHC Bhadgaon, PHC Pimparkhed, and SC Nalabandi vadgaon were visited for the purpose of PIP monitoring in the district. As per the directions of the State Mission Director, Co-ordinator of IPHS and M & E Officer have also accompanied with PRC team to visit the above mentioned

facilities. The team received cooperation from the district officials and all the staffs of the facilities visited. This report discusses in detail the implementation of PIP in Jalgaon district as observed by the PRC team during the field visit.

2 District Profile and Key Health and Service Delivery indicators.

Jalgaon district is part of the Nashik division (one of the six administrative divisions of the state) of Maharashtra state. As per 2011 Census, the total population of the district was 42,29,917 with male population of 21,97,365 and female population of 20,32,552. The district constitutes about 3.76 percent of total population of the state. The district has a population density of 360 inhabitants per square kilometre (930 /sq. mi). Its population growth rate over the decade 2001-2011 was 14.71%. The population by sex shows that males constitute about 51.94 percent and females constitute about 48.05 percent of the total population of the district. Jalgaon has a sex ratio of 925 females for every 1000 males.

The child sex ratio in the district is extremely unfavourable to the girl child with 842 female children per 1000 male children in 2011. Further, the child sex ratio in the district declined by 51 points from 2001 (880) to 2011 (829), which is higher than the decline in the state. Sex-wise literacy rates show that it is 38.51 percent for males and 29.85 percent for females with a gap of almost 8.66 percent between males and females. Female literacy is much lower than the state average of 75 percent.



2.1 Key Demographic Indicators

Table 1: Key Demographic Indicators: Maharashtra and Jargon District (2011)

Sr. No.	Items	Values	Source
1	No. of Blocks	15	Census 2011
2	No. of Villages	1498	Census 2011
3	Population	4229917	Census 2011
4	Population - Males	2197365	Census 2011
5	Population - Females	2032552	Census 2011
6	Literacy Rate	70.20 %	Census 2011
7	Literacy Rate - Males	85.36%	Census 2011
8	Literacy Rate - Females	70.56%	Census 2011
9	Sex Ratio	925	Census 2011
10	Child Sex ratio	842 909	Census 2011 HMIS 2017-2018
11	Density of Population Sq.km	360	Census 2011
12	Percent Urban	31.74	Census 2011
13	Percent SC Population	9.98	Census 2011
14	Percent ST Population	14.86	Census 2011
19	Women receiving at least 3 ANC*	23853	HMIS up to July 2018
20	Home delivery*	17	HMIS up to July 2018
21	Home delivery with SBA*	15	HMIS up to July 2018
22	PNC	16	HMIS up to July 2018
23	Children fully immunized (9-11 months) *	23839	HMIS up to July 2018

Source: Census 2011; *= HMIS2017-2018

2.2 Key Health and Delivery Service Indicators

Table 2: Key Health and Delivery Service Indicators

Items	Values	Items	Values
IMR	9.6%	ANC	23853
NMR	6.66%	SBA	15
MMR	29	PNC	16
OPD (average per month)	197717	Immunization	23839
IPD (average per month)	18516	Unmet need of FP	8.7

Source: Census 2011 & HMIS2017-2018

Table 3: Key Healths and Service Delivery Indicators: Maharashtra and Jalgaon District (2011)

Sr. No.	Indicators from DLHS-4	Maharashtra	Jalgaon
1	Mothers registered in the first trimester (%)	67.9	67.0
2	Mothers who had at least three ANC visits (%)	77.9	67.7
3	Mothers who got at least one TT injection (%)	90.6	91.3
4	Institutional births (%)	92.0	86.3
5	Home deliveries assisted by SBA (%)	4.0	5.0
6	Children fully immunised (%)	66.2	58.7
7	Children breastfed within one hour of birth (%)	71.2	73.3
8	Per cent of women using modern FP methods	65.7	60.1
9	Total Unmet Need for FP (%)	19.0	23.7
10	Unmet need for spacing (%)	10.8	12.7
11	Unmet need for limiting (%)	8.2	11.0

Source: DLHS-4 -2012-13

3 Information from District Health Office

Information was collected with the help of district questionnaire covering all the aspects of PIP under various heads. Results of the information collected from Programme management Unit, health officials and staff associated with various heads of PIP are as follows

3.1 Health Infrastructures

Table 4: Number and type of government health facilities in Jalgaon district

Name of the facility	Number	Located in government building	No. of Beds
District Hospital/Medical college.	01	YES	356 Beds are available (Now Medical college.)
Ophthalmic Hospital	01	YES	20 Beds
Sub Dist. Hospital	03	YES	SDH-100, Jamner 50, Muktainagar 50.
Rural Hospitals	17	YES	All are 30 beds
Cottage Hospital	01	YES	30 beds
Primary Health Centers	77	YES	All are 6 beds
Sub Centers	442	435	
AYUSH facilities(Ayurveda)	04	YES	
AYUSH facilities(Homoeopathic)	07	YES	
AYUSH facilities(Others)	08	YES	

Table 5: Regular Staff under District Health Officer (DHO) in Jalgaon District

Sr. No.	Name of Post	Sanctioned Post	Filled up Post	Vacant Post
1	District Health Officer(DHO) Class I	01	01	00
2	Additional District Officer Class I	01	00	01
3	Asst. District health Officer Class I	01	00	01
4	District TB Officer	01	00	01
5	Medical officer Group A	156	133	23
6	Administration Officer	01	00	01
7	Statistical Officer/Stat. Ass.	03	00	03
8	Medical Officer (Ayurveda)	22	22	00
9	PHN	02	00	02
10	Health supervisor	26	18	08
11	Pharmacists	79	75	04
12	Lab Technician	08	06	02
13	Health Asst. (Male)	114	102	12
14	Health Asst. (Female) - LHV	107	83	24
15	Health Worker	415	242	173
16	ANM	682	419	263
17	Leprosy technician	08	08	00
18	Sweeper	77	55	22
	Total	1704	1164	540

Table 6: National Health Mission Posts

Sr. No.	Name of Post	Sanctioned Post	Filled up Post	Vacant Post
1	SPMU	03	02	01
2	DPMU	11	11	00
3	BPMU	32	29	03
4	IDW	05	05	00
5	IPHS	82	51	31
6	DQAC	02	01	01
7	SNCU	47	22	25
8	NBSU	10	09	01
9	FMG	02	02	00
10	ASHA.DCM/BCM	16	16	00
11	AYUSH	26	24	02
12	DMHP	06	06	00
13	RBSK	184	180	04
14	NRC	07	05	02
15	Urban RCH	22	20	02
16	RKSK	22	20	02

Sr. No.	Name of Post	Sanctioned Post	Filled up Post	Vacant Post
17	PCPNDT	01	01	00
18	SICKLE CELL	16	12	04
19	TELEMEDICINE	02	02	00
20	IDSP	03	03	00
21	Training-DHTC	02	02	00
22	NURSING	132	128	04
23	NPCB	02	01	01
24	RNTCP	52	44	08
25	NUHM	139	91	48
26	NOHP	03	02	01
27	DIEC	01	01	00
28	NTCP	04	04	00
29	NOHP	03	02	01
30	NLEP	15	10	05
31	JSSK	25	24	01
32	NCD	02	02	00
33	MMU	06	06	00
34	IFM	06	03	03
35	HR for skill Lab	01	01	00
	Total	892	742	150

In the District, total 1704 post are sanctioned under the DHO, of which more than 31% are vacant. Among the regular post of Doctors (Class I & Class II), 156 post are sanctioned, out of which 133 are filled. Under the NHM, total 892 post are sanctioned, of which 83% post are filled. Among the IPHS coordinators post, 38% post are vacant (sanctioned – 82) and for the SNCU and NUHM more than 53% and 34% respectively post are vacant in the district. These post are very important for the health intuitions to provide the good health services. So arthritis is recommended to fill up the all types posts in the district.

3.2 Training status/skills of various cadres at visited facilities

During the reference period April 2018 to July 2018, total 323 personnel have trained from various categories, from 37 personnel are MOs, 192 are Staff Nurses, 6 are LHV, 30 are ANM and 58 are Health Assistant.

Table 7: Training status/skills of various cadres at DTC Jalgaon during April to August 2018

Training programmes	MO	Staff Nurse	LHV	ANM	LT	HA
BeMOC	02	0	0	0	0	0
SBA	0	04	05	12	0	0
MTP/MVA	0	0	0	0	0	0
F-IMNCI/IMNCI	0	0	0	0	0	0

Training programmes	MO	Staff Nurse	LHV	ANM	LT	HA
NSSK	0	63	01	0	0	0
Mini Lap-Sterilisations	0	0	0	0	0	0
Laparoscopy-Sterilisations	0	0	0	0	0	0
IUCD	0	0	0	0	0	0
PPIUCD	05	0	0	0	0	0
Blood storage	0	0	0	0	0	0
RTI/STI	0	0	0	0	0	0
IMEP	0	0	0	0	0	0
RI/Immunization and cold chain	0	0	0	0	0	0
IYCN	20	104	0	0	0	58
Oral pills	10	21	0	18	0	0
Total	37	192	06	30	0	58

MO= Medical officer, SN= Staff Nurse, LHV= Lady Health Visitor, ANM.HA health assist.

4 Other Health System Inputs

Following services are made available at various health facilities in the district during the reference period April to July 2018 such as OT Surgeries (major- 1064, and minor 4769), Obstetrics & Gynecology (2309), Medicine, Cardiology, Emergency, Ophthalmology, ENT, FP Radiologist, Pathologist, Mild – Inpatient Management etc. Since, now DH has hand over to Medical collage, so all important facilities data are not available to DHO.

4.1 Availability of Drugs, Diagnostics and Equipment

Essential equipment's and supplies are available at all the visited facilities and all essential drugs are also available expect Mifepristone tablets as it was not available at some of the visited facilities (SC-Nalbandhi Vadgaon and PHC – Piperkhed). EDL has 441 medicines, out of which 197 for maternal and 81 for child health are available in the district. The drugs are distributed as per demand from SDH, CHC, PHCs and SCs. Computer inventory management is in place and e-medicine software is in place.

4.2 AYUSH Services

AYUSH facilities are available at 8 Institutes in the district and stocks positions of AYUSH medicines are available in all these facilities. AYUSH is co-located in DH, and SDH and CHCs of the district where AYUSH OPD clinics are monitored separately and delivering good services. In SDH chopda Homoeopathic post is vacant which needs to be filled up for the betterment of AYUSH clinic in urgently basis.

5 Maternal Health

5.1 ANC and PNC

Maternal Health is an essential component of Reproductive & Child Health Programme. Under maternal health, JSSK, JSY, MDR, performance based incentive to LSAS and EMOC trained medical officers are implemented in the state from the year 2016-17

During the reference period April 2018 to July 2018, the total ANC registration in the district was 28497, of which 23251 women were registered in the first trimester. Among the total registered ANC, 306 pregnant women were listed as severely anemic and 141 were identified as hypertensive during April to July 2018. In addition of that, 26231 pregnant women were provided with TT and 100 IFA and more tablets provided to 27496 pregnant women where as 10157 have visited for the PNC service.

In the district, 406 test of Blood sugar was conducted, while 28947 of Urine Sugar and Protein tests were conducted, whereas 5741 outreach camps and 1448 UHNDs were conducted by team consisted of ANMs, ASHA and AWW.

5.2 Institutional Deliveries

During the reference period April 2018 to July 2018, total 17460 deliveries were conducted in public institution, of which 2309 were C-section deliveries in the district among these 120 patients were provided EmOc facilities.

5.3 Maternal Death Review

In the district, total 7 maternal deaths were reported and six MDRs were reviewed. District Maternal Death Review Committee, formed in the district under the chairmanship of Civil Surgeon and DHO as secretary of the committee have found, Hemorrhage, Anemia, Sepsis etc as the key cause of the death.

5.4 JSSK

As per Government of Maharashtra Resolution dated 26th September 2011, JSSK has been launched from 7th October 2011 in all the districts of Maharashtra. Under JSSK, the pregnant women in Jalgaon district receive free benefits like registration, check-up, treatment and delivery including caesarean section and blood transfusion. Neonates receive free registration, check-up and treatment within 0-1 year of birth. Free transportation facility to mother and

neonates are available from their residence to hospital, hospital to hospital and hospital to the residence. They also receive free diet during their stay in the hospital.

During the reference period, 9396 pregnant women delivered at various public institutions i.e. SDH, Community Health Centers and Primary Health Centers. All of them have received free and zero expense services for their delivery, free drugs and consumable and free essential and desirable diagnostic (Blood & Urine tests, USG etc.) during ANC, INC and PNC. Among those, 2309 were caesarean section deliveries. Almost 90% of the delivered women have provided with free diet for 3 days for normal delivery and seven days for to all the C-section deliveries.

As per the JSSK guidelines, transport facility from home to facility (8380), inter-facilities (266) and drop back to home (9126) have provided to women (pregnant/delivered) for ANC, delivery and PNC.

5.5 JSY

During the reference period, total 2427 beneficiaries were registered for JSY and all of them have received JSY payments as per JSY guidelines. Full amount of financial assistance had given to the beneficiaries before discharging from health facilities through PFMS. District level authorities (TMO) have verified at least 5% of the JSY payments to avoid the malpractices. There was proper grievance redressal mechanism in the district as stipulated under JSY guidelines and is active in the district; wherein if any complaint is registered to THO who in turn report to DHO/CS.

6 Child Health

6.1 SNCU

SNCU is located at District Hospital (now medical collage) under the supervision of civil surgeon with 20 beds. The SNCU is well equipped with necessary equipments and well functioning. During the reference period, total 655 children were admitted, of which 512 were cured, 66 were referred to higher facilities, 48 were in LAMA and 29 have died.

6.2 NBSU

NBSU are located in 5 health facilities (2 CHCs and 3 SDH) of the district and all them were having necessary equipment. Trained manpower were not available in NBSUs. For the reference

period data for child admission was not provided from district head quarter due to record maintenance.

6.3 NBCCs

Total 98 NBCC units are available in the district with necessary equipment's and manpower. For the reference period data for child admission was not provided from district head quarter due to record maintenance.

6.4 NRC

Nutrition Rehabilitation Centre was established at DH (now Medical Collage) with 5 beds (10 beds sanctioned). The centre is in underdeveloped condition as there was not available all the necessary equipmen as well as all the trained manpower (MO not appointed). The average length of stay in NRC was 14 days for the admitted children. During the reference period, 54 children were admitted.

6.5 Immunization

Immunisation is being done at all the facilities as per Government of India guidelines. All the newborns delivered at DH, SDHs, RHs and PHCs are getting birth doze of immunization (Polio-0 and BCG) as per the immunisation programme guidelines. Dedicated Immunization officer is in place in the district. No facility is having immunisation services on daily basis. There are fixed days for immunisation at all the facilities.

During the reference period April 2018 to July 2018, total 29974 children were provided BCG vaccine at the time of birth while Penta 1, Penta 2 and Penta 3 has been provided to 23839 children, 26098 children and 25674 children respectively. Whereas the Polio 0, Polio 1, Polio 2, and Polio 3 has been provided to 21752 newborns, 27124 children, 25909 children and 25566 children respectively. In addition, Measles 1 and Measles 2 vaccine has been provided to 24036 children and 20570 children respectively. Among these children 23839 were fully vaccinated, for which they planned and held 8612 immunization session. During this period, DPT Booster and Polio Booster also provided to 22125 children and 22186 children respectively.

6.6 RBSK

The Rashtriya Bal Swasthya Karyakram is aimed at improving the overall quality of life to children through early detection of birth defects, diseases and deficiencies, which are among key factors for child mortality. District Nodal persons were identified for child health screening and early intervention services were established at the district level. In the district, 46 teams are constituted for the screening of child.

During the reference period April 2018 to July 2018, 338679 Anganwadi check-ups were conducted covering 205862 children's. Among these 1679 children were identified with some problems.

6.7 Family Planning Services

Family planning services are provided at SDH and all CHCs, and PHCs during April 2018 to JULY 2018. During reference period, total 4743 female sterilizations and 26 NSV has been performed. In addition 3465 IUCDs has been inserted and 96713 Condoms and 38230 Oral Pills has been distributed to the beneficiaries. In all the facilities, IEC materials, IUCD type 375/380 and PP IUCD were available and ASHA are involved in social marketing of these all spacing methods.

6.8 ARSH

In the district, 51 ARSH clinics are established with 16 trained counsellors and 4 untrained counsellors where total 32 services are provided. Also 03 outreach ARSH service are available in these facilities. Under ARSH, there is a provision of primitive, preventive, curative, referral and outreach ARSH services. Clinical services were provided mainly related to menstrual problems, RTI/STI, Skin problems, ANC, contraceptives as well as counseling. Mode of outreach is through schools, VHNDs, MMU, teen clubs, SHGs, vocational training centers, youth festival, health mela etc.

7 Community Processes

7.1 ASHA

During the period April 2018 to July 2018, 2670 ASHAs are available as against the sanctioned post of 2691 ASHAs in the district, of which 18 has left during second quarter of 2017-18. Almost all the ASHA workers have given training under module 6 & 7 for implementing home based

newborn care schemes. Also, all of them have provided necessary drugs kit with ORS and Zinc as well Condoms and Oral Pills for family planning with replenishment.

The average incentive to an ASHA was Rs. 1547 with highest incentive Rs. 20255 and lowest incentive Rs. 700 during the reference period April 2018 to July 2018. ASHAs are being paid in time if funds are available and their drug kits are also replenished time to time.

7.2 Referral Transport

Total 91, ambulance (102 and 108) are available in the district and all are on road. All ambulance are fitted with GPS system and centralized with call center, Pune. During the reference period April 2018 to July 2108, total 7459 patients has been utilized the ambulance service in the district. The district has distributed all the 91 ambulance to render the pick-up and drop services for DH (4 ambulance) SDH (3 ambulance), CHCs (17 ambulance) and PHCs (77 ambulances).

7.3 MMUs

There is one MMU in the district and operated by NGO. MMU staff are appointed for the operation of MMU. NGO has made a Micro visits plan to visit in different part of the district. During the reference period, MMU has served 7459 patients.

8 Quality in Health Services

8.1 Infection Control

Health staffs are following the protocols and Fumigation of Operation Theater is done on the regular basis. The autoclave is being used on regular basis for disinfection of the instruments.

8.2 Record Maintenance

All the record /registers are available, but not updated and correctly filled in some of the visited facilities. Due to non-availability of grants, Untied/AMG/RKS are not available at some visited facilities in the Jalgaon district.

8.3 Bio-Medical waste Management

Segregation of Biomedical waste is outsourced at district level, and some facilities are making own Bio-Medical west Management in the Jalgaon district.

8.4 IEC

In the district IEC material related to MCH, JSY, JSSK, FP, etc. are not seen at some of the visited facilities (at visited SC) whereas EDL and important phone numbers, clinical protocols etc., are prominently displayed in the health facilities.

9 Disease Control Programs

9.1 National Malaria Control Program me

The number of slides prepared for Malaria cases blood examination is 133751 in the district during the reference period April 2018 to July 2018 from which non of the cases were found positive. Diagnostic Kits are available and provided to health workers in the district. There were total 436 posts sanctioned for the district and total filled posts are only 280 and most of the 156 posts are vacant in the district.

9.2 TB

During the reference period, from April 2018 to July 2018, 421 cases are found to be positive and identified whereas 70 cases were treated under DOTS-Plus in the district. In addition ,there were 1364 new cases detected in the district and 1549 patient are in under treatment.

9.3 Non Communicable Disease

Under Non-communicable Disease Control Program total 5301 population has been screened, of which 84 were found diabetic whereas 26328 were screened for Cancer cases and non of them are diagnosed as positive. In the district, total 53019 cases were screened for hypertension, of which 77 cases are identified as hypertensive in the city population. All types of drugs are available in the district.

9.4 HMIS and MCTS

There are dedicated staffs for HMIS and MCTS. M & E is responsible for reporting of the data for the district. Data is being uploaded in time with regard to completeness and data validation checks applied at district level.

Table 8: Key Service Utilization Parameters of Jalgaon District (April 2018 to July 2018)

Service Utilization Parameter	SDH. Chopda (Up to August- 2018)	CHC Bhadgaon	PHC Piparkhed	Sub Centre Nalabandi Vadgaon
OPD	29497	13351	13107	--
IPD	3253	1634	1605	--
Expected number of pregnancies	1486	--	205	32
MCTS/RCH entry on percentage of women registered in the first trimester				
No. of pregnant women given IFA	1246	34	39	32
Total deliveries conducted	506	251	94	16
Number of Deliveries conducted at home				
No. of assisted deliveries(Ventouse/ Forceps)	02	09	00	00
No. of C section conducted	112	48		
Number of obstetric complications managed, pls. specify type	59	02	14	00
No. of neonates initiated breast feeding within one hour	394	203	93	15
Number of children screened for Defects at birth under RBSK	00	--	--	00
RTI/STI Treated	00	--	45	00
No of admissions in NBSUs/ SNCU, whichever available	97	--	36	
Inborn	88	--		
Out born	09	--		
No. of children admitted with SAM	00	--	--	
No. of sick children referred	10	87	33	00
No. of pregnant women referred	56	40	09	12
ANC1 registration	282	--	70	32
ANC 3 Coverage	211	--	--	--
ANC 4 Coverage	00	--	--	--
No. of IUCD Insertions	145	11	14	06
No. of Tubectomy	42	35	100	--
No. of Vasectomy	00	00	02	--
No. of Minilap + Laparoscopy	42	35	100	--
No. of children fully immunized	373	--	27	31
Measles coverage	373	--	27	31
No. of children given ORS + Zinc	00	--	--	--
No. of children given Vitamin A (All doses)	157	--	27	31
No. of Children given IFA syrup				
No. of women who accepted post-partum FP	10	35	57	--

Service Utilization Parameter	SDH. Chopda (Up to August- 2018)	CHC Bhadgaon	PHC Piparkhed	Sub Centre Nalabandi Vadgaon
No. of MTPs conducted in first trimester	57	07	--	--
No. of MTPs conducted in second trimester	00	00		
Number of Adolescents attending ARSH clinic	1818	--		
Maternal deaths, if any	01	00		
Still births, if any	07	01		
Neonatal deaths, if any	01	00		
Infant deaths, if any	01	00		
Number of VHNDs attended				16
Number of VHNSC meeting attended				01
Service delivery data submitted for MCTS updation				00

10 Observations from the Health Facilities Visited by the PRC Team

10.1 DH Jalgaon

DH Jalgaon is easily accessible from the nearest road and is functional in a government building which is in a good condition. This hospital was hand over to Medical College in 2017. Some facilities are conducted in the district hospital. DH has electricity with power back up. Running water 24*7 water supplies are available and clean toilets separately for males and females wards are available, complaint/suggestion box is available.

Medical college has utilized the staff and building of district hospital and now some facilities are supervised by civil surgeon at the headquarter there is a shortage of class one Medical officer in the district.

Under the NHM total 54 posts are sanctioned for SNCU and NRC at the district and only 26 posts are filled. There are many facilities that do not have class one Medical officer in the district.

Table 9: Staff under National health Mission at Civil Hospital

Sr. No.	Name of Post	Sanctioned Post	Filled up Post	Vacant Post
1	SNCU	47	21	26
2	NRC	07	05	02
	Total	54	26	28

10.2 SDH Chopda.

SDH Chopda is located in Chopda Block, covering around 75000 population of the block and 72 km away from district headquarter. On the day of PRC team visit to SDH, Medical Superintendent was on leave other all staff were present in the hospital, Medical officer and in charge staff provided all the information. SDH Chopda is a 100 bedded hospital functioning in the government building beside the main link road which is old but in good condition. Sufficient number of staff quarters are not available for hospital staffs as there is only 8 quarters are available and all of those are not in good condition. Electricity is available with 24*7 power back up facility as well as 24*7 running water facility is available and separate toilets are available for male and female wards.

In the SDH, the labour room is well functioning, and it is a heavily loaded hospital in the city as SDH is functioning very well. However, in this hospital, new sonography machine is non-functional due to non-availability of a radiologist. X-ray unit is functioning well.

Table 10: Staff under Sub Divisional Hospital (SDH) Chopda in Jalgaon District

Sr. No.	Name of the post	Sanctioned	Filled	Vacant
1	Medical officer I Class 1	01	00	01 vacant
2	Medical officer I Class II	14	11	03 vacant
3	Assist. Matron	01	00	01 vacant
4	In charge sister	05	03	02 vacant
5	Staff Nurse	28	26	02 vacant
6	X-ray technician	02	02	
7	ECG Ten,	01	01	
8	Lab technician	02	01	01 vacant
9	Pharmacist	03	03	
10	Assistant Super dent	01	01	
11	Sr. Clark	01	01	
12	Jr. Clark	02	01	01 vacant
13	Others	39	32	07 vacant
	Total	100	82	18 vacant

In SDH Chopda, total 100 post are sanctioned, of which 82 are filled. Among the Medical Officers post, class I MO post is vacant while 3 post of class II MOs are vacant from the 14 sanctioned post. Blood storage unit is available but there is no technician available. Also the post of driver is vacant since the last six months, which was vacated due to retirement of previous driver. Under the NHM and ICTC/VCTC, total 25 posts are sanctioned and all are filled.

Table 11: Staff under NHM /ICTC Sub Divisional Hospital (SDH) Chopda in Jalgaon District

Sr. No.	Name of the post	Sanctioned	Filled	Vacant
1	Medical officer Unani	01	01	0
2	ICTC/VCTC	02	02	0
3	Tele medicine	01	01	0
4	Others	05	05	0
5	RBSK	16	16	0
	Total	25	25	0

Table 12: Training status/skills of various cadres at visited facilities of SDH Chopda during April to July 2018

Training programmes	MO	Staff Nurse	LHV	ANM	LT	HA
EmOC	03	00				
BeMOC	02	00				
LSAS	00	00				
SBA	00	22				
MTP/MVA	00	00				
NSV	00	00				
F-IMNCI/IMNCI	01	05				
NSSK	04	24				
Mini Lap-Sterilisations	01	00				
Laparoscopy-Sterilisations	00	00				
IUCD	00	12				
PPIUCD	02	21				
Blood storage	01	00				
RTI/STI	00	00				
IMEP	00	00				
RI/Immunization and cold chain	01	03				
Others	00	00				
Total	15	87				

MO= Medical officer, SN= Staff Nurse, LHV= Lady Health Visitor, ANM.HA health assistant.

In SDH Chopda, total 103 personnel have trained in different categories, of which 15 personnel are MOs and remaining are staff nurses.

All the essential equipment are available at the SDH and all the Laboratory equipment are also available. All the essential drug are available but not displayed in the OPD except IFA (blue).

During the reference period April 2018 to August 2018, 29497 patients are treated in OPD and 3253 patients are treated in IPD. Whereas 259 pregnant women are registered in the first trimester, while IFA tablest has been provided to 1249 women. SDH has conducted total 506 deliveriee, of which 112 are C-Section deliveries and 59 case were treated for obstetric complication and from total deliveries, 394 neonates has initiated breastfeeding within one hour. Total 282 ANC 1 registration has been done during the reference period whereas 211 has come for ANC 3 check-ups. Total 145 IUCD Insertions has been done during the reference period, in addition of that 42 Tubectomy and Minilap are also done.

During the reference period, Measles vaccine has been provided to 373 children (as fully immunized) and 157 children has been provided Vitamin A vaccine. In the SDH, data is not available for the ORS+Zinc. Durinf the same period, 10 women are accepted post-partum family planning service and 57 MTPs are conducted in first trimester. One each of maternal death, neonatal death and infant deaths were reported during the reference period in the SDH.

Table 13: Pickup-and drop back services provided at SDH Chopda

Sr.No	JSSK.	Mode of transport Govt./Pvt.	No of women transported during ANC/INC/PNC	No of sick infants transported	No of children	Free/paid
1.	Home to facility	Govt. vehicle	00*	00	00	free
2.	Inter facility	Govt. vehicle	56	10	00	free
3.	Facility to Home Drop back	Govt. vehicle	00*	00	00	free

*SDH chopda home to facility service and facility to home were not provided during the reference period due to retirement of driver

10.3 CHC Bhadgaon

CHC Bhadgaon is in Bhadgaon block of Jalgaon district. The total population of the blocks is 1,75,000, of which, CHCs covers 45000 population of the city. All the staffs of CHC were present on the day of PIP team visit. In charge Medical Superintendent has given all the information as Medical Superintendent post is vacant in CHC.

It is a 30 bedded hospital and located in a government building and accessible from main road. The building is old but in good condition where staff Quarters are available for 3 MOs 3, 10 Staff Nurses and 2 Class-IV workers. But the quarters are not in good condition and needs to be repair. 24*7 running water and electricity is available with power back up. Separate toilets are aslo for male and female wards. The labour room is available with clean and well functioning attached toilet. Biomedical Waste management facility is available as deep burial pit are available in the hospital campus. Suggestion and complaint box are also available there. ICTC Center is available. Functional New Born Stabilization Unit is not available at CHC. Blood storage Unit is available in the hospital but not functional due to not revival of the licence.

Table 14: Staff under Sub Divisional Hospital (SDH) Bhadgaon in Jalgon District

Sr. No.	Name of the post	Sanctioned	Filled	Vacant
1	Medical officer I Class 1	01	00	1 vacant
2	Medical officer I Class II	03	03	
3	In charge sister	07	07	
4	X-ray technician	01	01	
5	Lab technician	01	01	
6	Pharmacist	01	01	
7	Assistant Super dent	01	01	
8	Others	13	07	06 vacant
	Total	28	21	07 vacant

In Bhadgaon CHC total 28 post has been sanctioned, of which 21 has filled. Olny one Class I MO post and 6 other health staff post are vacant, these post are needs to be fill-up in the hospital for effective functional.

Table 15: Staff under NHM CHCs Bhadgaon in Jalgaon District

Sr. No.	Name of the post	Sanctioned	Filled	Vacant
1	Medical office Gynaecology	1	1	0
2	Anaesthetist	1	1	0
3	Paediatrician	1	1	0
	Total	3	3	0

Under NHM, total 3 posts are sanctioned one each of of Medical Officers Gynaecology, Anaesthetist & Paediatrician and all of them are filled.

Table 16: Training status/skills of various cadres at visited facilities of CHC Bhadgaon during April to July 2018

Training programmes	MO	Staff Nurse	LHV	ANM	LT	HA
EmOC	1	0				
BeMOC	0	0				
LSAS	0	0				
SBA	0	5				
MTP/MVA	2	0				
NSV	0	0				
F-IMNCI/IMNCI	2	4				
NSSK	2	6				
Mini Lap-Sterilisations	0	0				
Laparoscopy-Sterilisations	0	0				
IUCD	2	0				
PPIUCD	2	5				
Blood storage	1	0				
RTI/STI	0	0				
IMEP	0	0				
RI/Immunization and cold chain	2	2				
Others	0	0				

MO= Medical officer, SN= Staff Nurse, LHV= Lady Health Visitor, ANM.HA health assistant

All the equipments are available at CHCs except Radiant warmer and phototherapy unit. Among the laboratory equipments all the necessary equipments are available. All the Essential drug are available except IFA tablets (blue), Zinc tablets, Mifepristone tablets, OCPs and EC Pills for which there was no supply since last 3 months and the available drug list are not on display for OPD.

All the lab tests are being done in the Bhadgaon CHC lab as there were 684 HB test, 757 Malaria test, 561 blood group test etc. has conducted. During the reference period April 2018 to July 2018, 13351 patients were treated in OPD and 1634 patients were treated in IPD. Total 101 pregnant women registered in the first trimester, of which 34 women has been given IFA tablets.

Total 251 deliveries has beend conducted in CHC, of which, 48 are C-section deliveriesa and 9 were assisted deliveries (Ventouse/Forceps) whereas 2 cases were treated for obstetric

complications and 203 neonates were initiated breastfeeding within one hour of delivery. During the reference period, 87 children and 35 women has been reffered for ANC/PNC. At CHC, 11 IUCD Insertions, 35 Tubectomy and Minilap has been done. The CHC is not holding immunization camps so no data available for immunization. Apart from that, there was no separate record maintained for the treatment of RTI/STI patients.

Table 17: Pickup-and drop back services provided at CHC Bhadgaon.

Sr.No	JSSK.	Mode of transport Govt./Pvt.	No of women transported during ANC/INC/PNC	No of sick infants transported	No of children	Free /paid
1.	Home to facility	Govt. vehicle	40	00	00	free
2.	Inter facility	Govt. vehicle	40	87	00	free
3.	Facility to Home Drop back.	Govt. vehicle	68	00	00	free

10.4 Primary Health Centre: Pimparkhed

PHC Pimparkhed is in Bhadgaon Block and is located about 52 Kms from the district headquarter. It caters to 21 Sub-centres covering 38439 population and easily accessible from nearest road head. It is functioning in a government new building which is in good condition. Quarters for MOs and other staffs is available but not sufficient. PHC has 24*7 running water supply and electricity with power back -up. PHC has access to Net and CC camera is available. Clean toilets are available separately for males and females.

Labour Room is available with clean and well functioning attached toilet and there are separate wards for male and female. New Born Care Corner is available and warmer is in working condition. Management of Bio Medical Waste management is available with burial pit. Complaint or suggestion box is available in the facility.

In PHC, 23 post are sanctioned, of which only 48 % post are filled as there is shortage of 1 MO, 3 ANMs, 4 HA and 4 other health staffs which needs to be filled in urgently basis.

All the essential equipment are available at PHC whereas among the laboratory equipment, there is no supply of Centrifuge and Semi autoanalyzer. All the Essential Drugs and supplies are available in the PHC expect Misoprostol tables. All lab test are conducted in PHC during the

reference period as there are 747 HB, 2092 CBC , 1920 Urine Albumin & Sugar, 2492 Malaria, 282 TB, 327 HIV, and 3049 Blood sugar test were conducted.

During the reference period April 2018 to July 2018, PHC has given 13107 OPD and 1605 IPD services while 100 IFA tablet has been distributed to 39 pregnant womens. PHC has conducted 94 deliveries, of which 14 were managed with obstetric complications. From the total deliveries, 93 were initiated breastfeeding within one hours while there was one still birth during the same period. 45 children has been treated with RTI/STI, of which 36 admitted in NBSU, of which 33 were reffered to higher facilities.

During the reference period, 70 ANC 1 registration has been done, whereas 14 IUCDs and 100 tubectomy has also done. In addition to that, 57 women has been accepted post partum FP service. Measles and vitamin A vaccination has been provided to 27 children (fully immunized).

Table 18: Human Resources under PHC Pimparkhed.

Sr. No.	Name of the post	Sanctioned	Filled	Vacant
1	Medical officer	02	01	01
2	LHV/PHN	01	00	01
3	H A	07	03	04
4	LTs	01	00	01
5	Pharmacist	01	01	00
6	ANM	07	04	03
7	Sweeper	04	02	02
	Total	23	11	12

Table 19: Training status/skills of various cadres at visited facilities of PHC. Pimprakhed during April to July 2018

Training programmes	MO	ANM	LHV	ANM	LT	HA
EmOC	0	0				
BeMOC	1	0				
LSAS	0	0				
SBA	1	3				
MTP/MVA	0	0				
NSV	0	0				
F-IMNCI/IMNCI	1	2				
NSSK	1	2				

Training programmes	MO	ANM	LHV	ANM	LT	HA
Mini Lap-Sterilisations	0	0				
Laparoscopy-Sterilisations	0	0				
IUCD	1	4				
PPIUCD	0	0				
Blood storage	0	0				
RTI/STI	1	3				
IMEP	0	0				
RI/Immunization and cold chain	1	3				
Other	0	0				

In PHC, all the registers are available and maintained properly except indoor bed head ticket. Whereas 123 women has been benefitted with transport service from home to facility and 06 wome for the inter facility while 94 women has been benefitted with drop back to home (table 20). During the visit, PIP team has seen all the IEC display such as citizen charter, timing of health facility, list of service available etc. at PHC atrium.

Table 20: Pickup-and drop back services provided at PHC Pimparkhed.

Sr.No	JSSK	Mode of transport Govt./Pvt.	No of women transported during ANC/INC/PNC	No of sick infants transported	No of children	Free/paid
1.	Home to facility	Govt.vehicle	123	00	00	free
2.	Inter facility	Govt.vehicle	06	33	00	free
3.	Facility to Home Drop back.	Govt.vehicle	94	00	00	free

10.5 Sub Centre Nalabandi vadgaon.

Nalabandi vadgaon Sub Centre is under the catchment area of Pimparkhed PHC and is about 22 KMs from the PHC. This SC is catering for four villages and covering a population 4570.

Sub Centre is located in the main habitation and functioning in a Government old building. The ANM also stays at headquarter, in a attached quarters which is not in good condition. There is running water and electricity for 24*7 is available in the sub-centre. Labour room is available with attached functioning toilet. There is functional NBCC. For biomedical waste management and wastes are buried in pit. There is only one ANM in contractual position. No regular ANM is appointed in this Sub-centre.

All the essential equipment available at SC. Essential drug list is available. Diagnostic tests are available at the facility i.e. HB, Urine Albumin and Sugar. Blood sugar tasting kit is not available since past one month.

Pregnancy test kits, OCPs, EC pills and IUCDs are available at SC. During the reference period April 2018 to July 2018, SC has been conducted 16 deliveries from 32 expected deliveries for the year and all the 32 pregnant women has been provided 100 IFA tablets. Out of total deliveries, 15 were initiated breastfeeding within 1 hours of delivery while there was one neotanat death was recorded. In addition to that, 12 women has beend reffred for ANC/PNC during reference period. During the same period, total 31 children are fully immunized as measles and vitamin A vaccine are provided to all of them.

All the essential Registers are available and maintained at the facility. Breastfeeding initiated with within one hour of normal delivery. Counselling on IYCF is done. Counselling on Family Planning is being done. ANM is having knowledge and skills of quality parameters.

Untied Funds and AMG are not received in this year. No wall compound and Approach road to this facility, no Posters of JSSK entitlements, and villages under the SC, JSY entitlement and VHND plans are displayed. Information related to phone number, timings, SBA protocols and immunisation schedule is displayed. Grievance redressal mechanism is not in place.

There is an urgent requirement of regular ANM in this Sub center and a grand wall compound and approach road for this facility.

List of Abbreviations

AEFI	Adverse Events Following immunization
AIDS	Acquired Immuno Deficiency Syndrome
AMG	Annual Maintenance Grant
ANM	Auxiliary Nurse Midwife
ARSH	Adolescent Reproductive and Sexual Health
ASHA	Accredited Social Health Activist
AWC	Anganwadi Centre
AYUSH	Ayurveda, Yoga & Naturopathy, Unani, Siddha & Homoeopathy
BPMU	Block Programme Management Unit
CHC	Community Health Centre
CHV	Community Health Visitor

CTC	Child Treatment centre
DH	District Hospital
DMER	Director, Medical Education and Research
DMO	District Medical Officer
DM&HO	District Medical and Health Officer
DPMU	District Programme Management Unit
EmOC	Emergency Obstetric Care
FP	Family Planning
FRU	First Referral Units
HBNC	Home-based Newborn Care
HIV	Human Immunodeficiency Virus
ICTC	Integrated Counselling & Testing Centre
IEC	Information, Education and Communication
IFA	Iron Folic Acid
IMEP	Infection Management and Environment Plan
IMNCI	Integrated Management of Neonatal and Childhood Illness
IMR	Infant Mortality Rate
IPHS	Indian Public Health Standards
IUCD	Intra-uterine Contraceptive Device
JSS	Janani Shishu Suraksha Karyakram
JSY	Janani Suraksha Yojana
LBW	Low Birth Weight
LAMA	Left Against Medical Advice
LHV	Lady Health Visitor
MCT	Mother and Child Tracking System
MHS	Menstrual Hygiene Scheme
MIS	Management Information System
MMR	Maternal Mortality Ratio
MMU	Mobile Medical Unit
MHW	Multipurpose Health Worker
MO	Medical Officer
MTP	Medical termination of Pregnancy