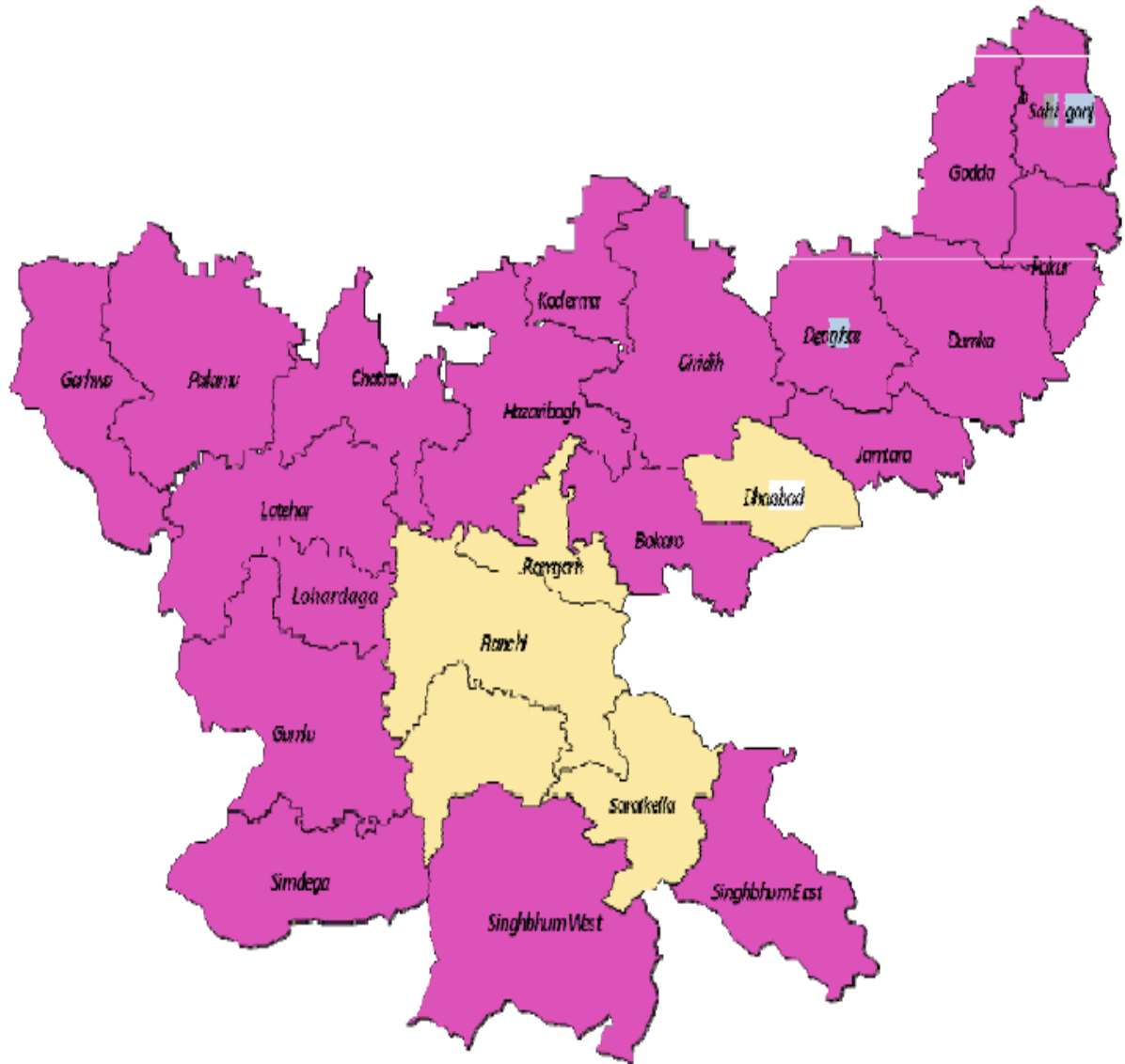


# MCH Centre

HIGH FOCUS District in the state of Jharkhand



## **INTRODUCTION TO MCH CENTERS**

Maternal and Child Health Centre (MCH Centres) are the identified centres where deliveries are being conducted – in accordance with the standards laid down in the Maternal and Newborn Health Operational Guidelines and in the Indian Public Health Standards. Developing a referral transport system that ensures universal access to these select facilities chosen for development as MCH centres providing quality care. Providing an additional package of incentives to those facilities notified by a joint mechanism of centre and state as Inaccessible, Most Difficult or Difficult. Strengthening supportive supervision and capacity building in these 235 districts by placing trained public health nurses. Re-formulating the financing of these services based on results and performance based so as to ensure all key partners - the beneficiary - clients, the health providers and the health facility managers are all appropriately incentivized to maximize the outcomes. Operational Guidelines for Maternal and Newborn Health has to be followed as issued by Government of India.

NHSRC in coordination with state has identified 551 MCH centres in the 19 High Focus District of Jharkhand. These facilities need to be upgraded and strengthened in order to ensure quality Healthcare services and to increase institutional delivery and simultaneously reduce the MMR and IMR.

### **Broad Objective**

To improve the acceptability, quality of care and increase institutional delivery

### **Specific Objective**

1. To improve the quality of care and services provided at the government healthcare facility.
2. To increase Institutional Delivery by providing better services
3. To create acceptable and accessible healthcare services

### **Progress so far**

UNICEF-Deolite has agreed to create 4 Models of LEVEL 3 MCH Centre for the state. They have taken up four district hospitals in the following district

1. Gumla
2. Hazaribagh
3. Palamu
4. Dumka

UNICEF-Deolite will assist the state government and provide technical support in creating the LEVEL 3 MCH centres.

### **Strategy**

State in coordination with NHSRC has identified 364 Level I MCH center, 144 Level II MCH centre and 34 Level III MCH centre, in total 551 MCH centres has been identified for the up gradation. These facilities will require 587 ANMs, 496 Staff Nurse, 307 Doctors, 75 Specialist Doctors - (29 OG, Anaesthetic – 22, Paediatrician – 24), and 311 Lab Technicians. Existing

staffs will be trained as per the requirements and reallocation of the staffs will be done as required. Training will be done as per the availability of the staff and requirement.

In the view of huge fund requirement for up gradation of 551 MCH centre in the state of Jharkhand, state would like to initially start with the up gradation of infrastructure of the Level I MCH centre. Compiled district reports shows that most of these level 1 MCH centre requires

1. Construction and renovation of staff quarters for RMO (residential medical officer).
2. Construction and repair of the new toilets for patients and the staff.
3. Most of these centres do not have required number of wards to accommodate inpatient. Even if the wards are available they are to be renovated before any patient can be asked to stay at the facility.
4. Labour room need to be upgraded and equipment need to purchased.
5. New born corner is not being identified in almost all the Level 1 facility due to insufficient space.
6. There is no electricity or no provision of continuous electricity and water supply at these centres.

These facilities have been doing well in spite of the lack of above facilities as a result quality is suffering, therefore it necessary for the state to upgrade these facilities, so that there is increase in the institutional delivery. State would like to request the NRHM to provide additional funds for up gradation of these facilities from the priority project head. The total budget requirement for up gradation of these facilities is 50 corers.

## **LEVEL I**

Level 1 MCH centres are the sub centre level facilities having skilled birth attendance. These facilities need to have

### **Maternal Health**

ANC Package – Registration (within 12 weeks), physical examination, identification of referral for danger signs, IFA for pregnant and anaemic women.

Delivery Packages – normal delivery with use of Partograph, AMTSL, Infection Prevention, pre referral management for obstetric emergencies.

PNC Packages – Minimum 6 hrs post delivery stay; home visit for PNC check up

Safe abortion services – counselling and facilitation

### **New Born Health**

Newborn resuscitation, warmth, infection prevention, support for breast feeding initiation, weighing, care of LBW<2500gm and referral of sick new born

**RTI/STI Management** – counselling and referral

Family Planning Services – emergency contraceptive pills counselling and motivation for small family norm, distribution of OCP, condoms, IUD Insertion Y, Follow up of beneficiaries

. Assured referral system to higher facilities

Complete immunization

Counselling of feeding, nutrition, family planning, immunization  
Human Resources – Minimum two skilled birth attendance – Midwives

## **LEVEL II**

Level 2 MCH facilities are facilities with basic obstetric and newborn care facility. These are higher level facilities which cater to all the services as in Level 1 centres.

### **Maternal Health**

ANC Package – Registration (within 12 weeks), physical examination, identification of referral for danger signs, IFA for pregnant and anaemic women.

Delivery Packages – normal delivery with use of Partograph, AMTSL, Infection Prevention, pre referral management for obstetric emergencies.

PNC Packages – Minimum 6 hrs post delivery stay; home visit for PNC check up

Safe abortion services – counselling and facilitation

### **New Born Health**

Newborn resuscitation, warmth, infection prevention, support for breast feeding initiation, weighing, care of LBW<2500gm and referral of sick new born

**RTI/STI Management** – counselling and referral

Family Planning Services – emergency contraceptive pills counselling and motivation for small family norm, distribution of OCP, condoms, IUD Insertion Y, Follow up of beneficiaries . Assured referral system to higher facilities

Complete immunization

Counselling of feeding, nutrition, family planning, immunization

Human Resources – Minimum two skilled birth attendance – Midwives

## **LEVEL III**

### **ALL THE SERVICES AS IN LEVEL II**

Plus

- **Maternal Health**
  - Management of server anemia, management of Intrapartum and postpartum complication including those requiring cesarean and blood transfusion. Blood bank storage / bank
- **New Born Health**
  - Care of sick new born, management of LBW babies less than 1800 gms
- **RTI/STI Management**
  - Identification and management, desirable – ICTC/PPTCT services
- **Family Planning Services**
  - Male sterilization – non scalpel vasectomy, female sterilization: Conventional tubectomy, minilap, laproscopic tubectomy, all other FP services as mentioned in level 1 and level 2 plus management of complication.

- **Human Resources** – An obstetrician, an anesthetist, and a paediatrician or medical officer with short term.

### MCH Facility Identification

S N O	District	District Population	Current Inst/Del ivery Rate	Total No of Health facilities in the district					No. of Facilities identified at						Tot al MC H Cen tres
									level-1		Level-2		Level-3		
				SC	P H C	CH C	SDH /DH	Total	SC	PH C	PH C	CH C	CH C	SDH /DH	
1	Bokaro	2122176	26	116	16	8	1	141	9	3	0	10	0	0	22
2	Dumka	125814	22	249	34	10	1	294	9	0	0	9	1	1	20
3	Deoghar	1385683	32	181	5	8	1	195	27	3	0	5	2	1	38
4	Garhwa	1257871	33	111	10	8	2	131	40	0	5	6	0	2	53
5	Giridih	2190165	25	180	15	12	1	208	12	0	1	9	1	0	23
6	Latehar	728248	10	97	7	7	1	112	8	0	0	6	1	1	16
7	Godda	1209571	22	185	9	7	1	202	15	0	6	7	1	1	30
8	Palamu	2422006	24	171	21	10	2	204	13	7	3	9	0	1	33
9	Lohardaga	420744	45	111	10	8	2	131	6	0	0	4	1	1	12
10	Sahibganj	1070867	20	141	10	7	1	159	6	5	10	4	1	1	27
11	Gumla	983723	32	242	13	10	1	266	30	0	0	7	3	1	41
12	Chatra	949337	29	93	8	6	1	108	15	0	0	5	0	1	21
13	Kodrama	576430	47	62	5	5	1	73	19	2	0	5	2	1	29
14	Pakur	809887	22	121	9	6	1	137	19	0	0	5	1	1	26
15	Simdega	605295	21	155	7	7	1	170	73	7	0	4	1	1	86
16	W.Sing	2404041	19	342	15	15	1	373	7	2	0	12	2	1	24
17	Hazaribag	2620748	22	146	14	10	1	171	5	1	0	7	0	1	14
18	E.Sing	2336953	36	244	17	9	0	270	MA	A	A	A	A	MA	MA
19	Jamtara	730906	28	132	15	4	1	152	30	0	0	5	0	1	36
<b>Totals</b>		24950465	28	3079	240	157	21	3497							
<b>State Total</b>		32858434	32	3958	330	194	24	4506	343	30	25	119	17	17	551

**Additional Human Resource requirement (Total numbers at all levels)**

SI.NO.	District	ANMs	Staff Nurses	Doctors	Specialists			LT
					OG	A	P	
1	Bokaor	1	19	9	0	0	0	16
2	Dumka	8	0	18	1	1	1	3
3	Deoghar	47	46	23	6	3	3	37
4	Garhwa	106	38	29	4	2	2	37
5	Giridih	51	75	35	0	0	0	46
6	Latehar	39	15	28	0	0	0	28
7	Palamu	16	32	9	0	0	0	27
8	Godda	56	40	26	3	3	3	55
9	Lohardaga	3	22	1	1	1	2	11
10	Sahibganj	11	8	10	2	2	1	7
11	Gumla	30	54	37	2	0	2	0
12	Chatra	57	7	6	1	1	0	11
13	Koderma	36	24	24	2	2	2	5
14	Pakur	73	40	40	1	1	2	4
15	Simdega	57	25	17	1	1	1	10
16	W.Singhbhum	14	33	14	3	3	3	3
17	Hazaribagh	12	18	18	2	2	2	11
<b>Total</b>		<b>617</b>	<b>496</b>	<b>344</b>	<b>29</b>	<b>22</b>	<b>24</b>	<b>311</b>

**Physical gaps-required infrastructure**

SI. N O.	District	level-1			Level-2			Level-3		
		No. of Beds required	Partial Const	Renovation/Minor repair	No. of Beds required	Partial Const	Renovation/Minor repair	No. of Beds required	Partial Const	Renovation/Minor repair
1	Bokaor	26	10LR 11NBC 12TLTS	3	95	10CSU 10NBC	24	0	0	0
2	Dumka	32	8NBC 8TLTS	8	20	4CSU 4NBC 4TLTS	5	63	2TLTS	6
3	Deoghar	5	30NBC	0	144	6NBC	10	74	2CSI 1NBC 2BSU 10TLTS	4
4	Garhwa	78	0	135	60	1CSU 1NBC	31	200	0	7

5	Giridih	60	30TLTS	0	90	1LR 7NBC	17	104	1LR 1SNCU 1NBC	30
6	Latehar	16	8LR 4NBC 4TLTS	18	12	3LR 3CSU 3NBC 15TLTS	18	60	1LR 1SNCU 1NBC	0
8	Godda	15	0	0	36	4LR 1TLTS	2	10	2CSU 2NBC 1BSU	3
7	Palamu	20	10LR 11NBC 11TLTS	48	2	0	85	10	1LR 1SNCU 1NCBC 1BSU 2TLTS	1
9	Lohardaga	10	4LR 3TLTS	0	0	3CSU 3NBC 1TLTS	0	24	1CSU 1NBC 1BSU 2TLTS	7
10	Sahibganj	24	1LR 8NBC 1TLT	0	30	1LR 1CSU 1NBC		18	1SNCU 1NBC 1BSU	3
11	Gumla	52	1TLTS	0	238	3NSU	10	115	1SNCU 1CSU 1BSU NBC 3ILR/D F	4
12	Chatra	28	14LR 1NBC 1TLTS	0	210	1CSU 5NBC	20	28	1SNCU 1BSU	5
13	Koderna	19	2NBC 13TLTS	14	37	3CSU 3NBC 1TLTS	7	30	2CSU 2NBC 5TLTS	5
14	Pakur	38	16TLTS	13	110	2LR 5CSU 5NBC 11TLTS	0	40	1SNCU 1CSU 2BSU 2NBC 2LTS	8
15	Simdega	146	17LR 14TLTS	4	0	3CSU 3NBC	4	0	1SNCU 2CSU 1BSU 3NBC	4
16	W.Singhbhum	23	3LR	14	254	4LR 11CSU 11NBC 11TLTS	3	0	1SNCU 2CSU 2BSU 2NBC 3ILR/D F	8

17	Hazarib agh	8	1NBC	12	28		14	63	1CSU 1NBC 1BSU 1TLTS	14
<b>Total</b>		600		269	1366		250	839		109



**Budget requirement for upgradation of MCH Centers**

<b>Budget requirement for MCH Centre in 19 High Focus Districts of Jharkhand</b>						
			Level – 3	Level – 2	Level – 1	Total
	Facilities			→		
1	Human Resource	Bokaro	0	880000	642000	1522000
2	Training		0	7587384	305549	7892933
3	Infrastructure		0	13679000	24030000	37709000
1	Human Resource	Dumka	1620000	10951200	86400	12657600
2	Training		400431	963023	401951	1765405
3	Infrastructure		964000	5110000	50268000	56342000
1	Human Resource	Garwha	6292000	16864000	9924000	33080000
2	Training		508360	2271000	1606336	4385696
3	Infrastructure		13230000	38350000	23375000	74955000
1	Human Resource	Giridihi	425000	1856000	452000	2733000
2	Training		1684696	1764945	1100444	4550085
3	Infrastructure		16893000	30646000	11250000	58789000
1	Human Resource	Godda	5664000	23544000	4232000	33440000
2	Training		1365300	3002805	1463085	5831190
3	Infrastructure		65960000	87676000	9655000	163291000
1	Human Resource	gumla	4044000	18840000	0	22884000
2	Training		1400722	1012230	2414650	4827602
3	Infrastructure		9178100	7019000	2899000	19096100
1	Human Resource	Hazaribagh	402000	1286000	300000	1988000
2	Training		102448	200880	249548	552876
3	Infrastructure		12682000	1106000	409000	14197000
1	Human Resource	Koderma	0	595000	486000	1081000
2	Training		0	2029650	56062	2085712
3	Infrastructure		0	0	373000	373000
1	Human Resource	Lathehar	837000	718000	528000	2083000
2	Training		1194000	10637000	417755	12248755
3	Infrastructure		3037000	5250000	6592000	14879000
1	Human Resource	Lohardaga	5100000	1060000	168000	6328000
2	Training		2805940	1373570	832600	5012110
3	Infrastructure		60977000	71600000	22515000	155092000
1	Human Resource	Simdega	279,000	5472000	600500	6351500
2	Training		4950300	537,850	8993779	14481929
3	Infrastructure		90880000	26200000	181592000	298672000
1	Human Resource	West	5496000	9540000	9525000	24561000

2	Training	Singhbum	1890080	19365792	13705664	34961536
3	Infrastructure		105070000	110546000	42361000	257977000
1	Human Resource	Chatra	3600000	13805088	3600000	21005088
2	Training		947720	1530100	0	2477820
3	Infrastructure		33000000	44020000	820000	77840000
1	Human Resource	Deogarh	19008000	13506000	5208000	37722000
2	Training		4036629	2336472	1395178	7768279
3	Infrastructure		13844000	25868009	3047500	42759509
1	Human Resource	Jamtara	227000	0	0	227000
2	Training		0	1621600	0	1621600
3	Infrastructure		0	0	0	0
1	Human Resource	Pakur	12432000	22044000	5544000	40020000
2	Training		1443700	934000	1846000	4223700
3	Infrastructure		19580000	28070000	33416000	81066000
1	Human Resource	Palamu	1548000	7224000	9120000	17892000
2	Training		126413	1381663	1146260	2654336
3	Infrastructure		1266500	16536000	8167160	25969660
1	Human Resource	Sahibganj	161000	1355000	1573000	3089000
2	Training		249679	2018178	2372414	4640271
3	Infrastructure		6200000	14612000	57626000	78438000
1	Human Resource	East Singhbum	0	0	0	0
2	Training		0	0	0	0
3	Infrastructure		0	0	0	0
	<b>Total</b>		<b>543003018</b>	<b>736396439</b>	<b>568691835</b>	<b>1848091292</b>

### Total Budget requirement for the state

1	Total Human Resource	19 District - 551 MCH Centres	67,135,000	149,540,288	51,988,900	262,336,188
2	Total Training		23106418	60,568,142	38307275	116969725
3	Total Infrastructure		452761600	526288009	478395660	1302353269
	<b>Total</b>		<b>543,003,018</b>	<b>736396439</b>	<b>568691835</b>	<b>1681659182</b>