

DISTRICT HEALTH ACTION PLAN

F. Y. 2011-2012

DISTRICT ARWAL

NATIONAL RURAL HEALTH MISSION



DISTRICT HEALTH SOCIETY, ARWAL

GOVERNMENT OF BIHAR



Preface

It is our pleasure to present the Arwal District Health Action Plan for the year 2011-12. The District Health Action Plan seeks to set goals and objective for the district health system and delineate implementing processes in the present context of gaps and opportunities for the Arwal district health team.

National Rural Health Mission was introduced to undertake architectural corrections in the public Health System of India. District health action plan is an integral aspect of National Rural Health Mission. District Health Action Plans are critical for achieving decentralisation, interdepartmental convergence, capacity building of health system and most importantly facilitating people's participation in the health system's programmes. District health Action planning provides opportunity and space to creatively design and utilise various NRHM initiatives such as flexi –financing, Rogi Kalyan Samiti, Village Health Sanitation Committee to achieve our goals in the socio-cultural context of Arwal.

We are very glad to share that all the MOI/C, BHMs, BAMS, and ANM of the district along with key district level functionaries participated in the planning process. The plan is a result of collective knowledge and insights of each of the district health system functionary. We are sure that the plan will set a definite direction and give us an impetus to embark on our mission.



Acknowledgements

This District Health Action plan prepared Under a Short & Hard Process of about survey of one month and this was a good Opportunity to revisit the situation of health services status and national programs in district as well as to have a positive dialogue with departments like Public Health Engineering, Women and Child Development, Maternal and Child Health care etc.

This document is an outcome of a collective effort by a number of individuals, related to our institutions and programmed:-

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I behalf of the District Health Society, Arwal acknowledge the grateful contribution of all those mentioned above.

Dr. Madeshwar Prasad Sharma,
Civil Surgeon – cum - member secretary.
District Health Society, Arwal



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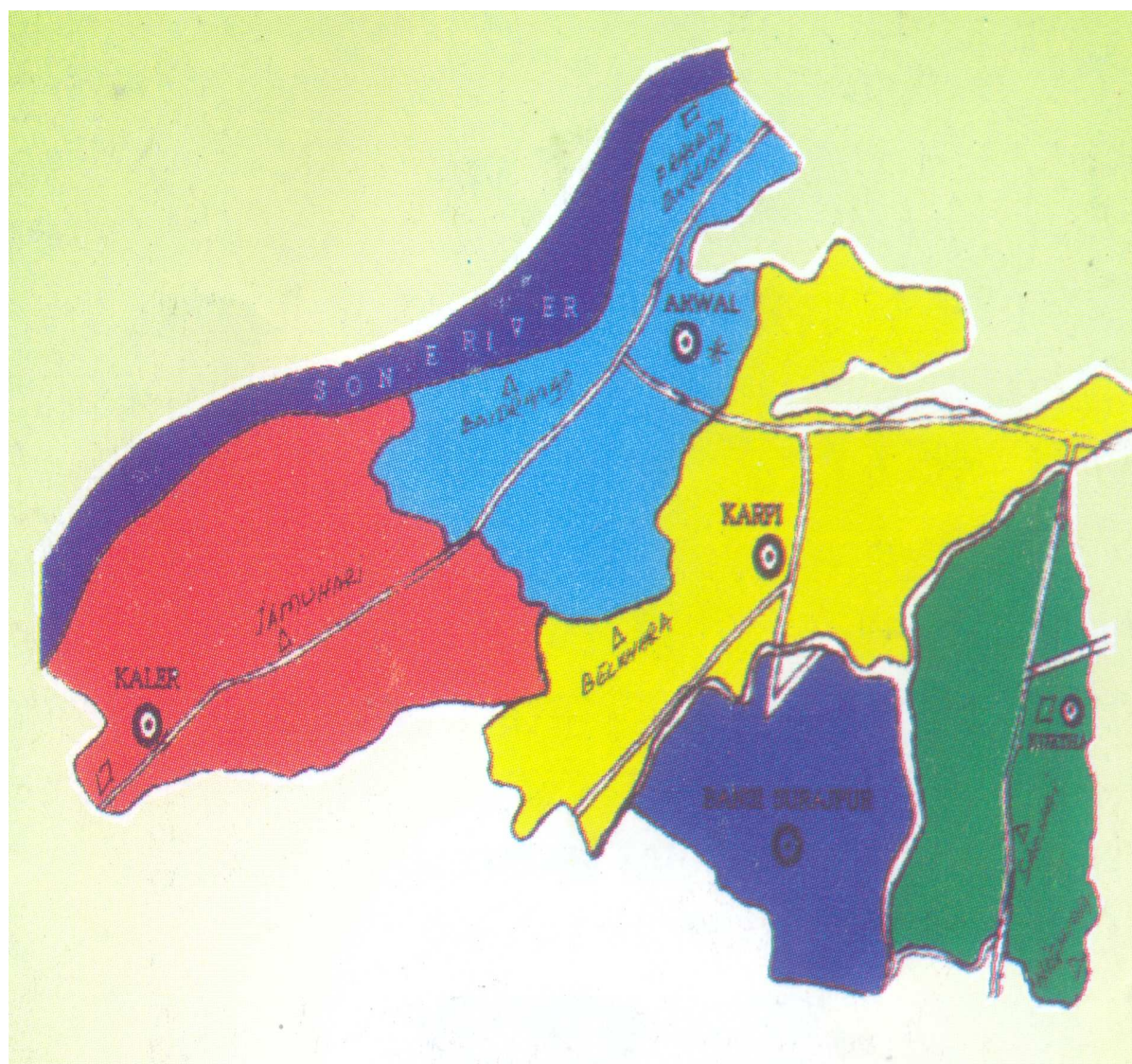
Introduction

The **National Rural Health Mission (NRHM)** is a comprehensive health programme launched by Government of India to bring about architectural corrections in the health care delivery systems of India. The NRHM seeks to address existing gaps in the national public health system by introducing innovation, community orientation and decentralisation. The mission aims to provide quality health care services to all sections of society, especially for those residing in rural areas, women and children, by increasing the resources available for the public health system, optimising and synergising human resources, reducing regional imbalances in the health infrastructure, decentralisation and district level management of the health programmes and community participation as well as ownership of the health initiatives. The mission in its approach links various determinants such as nutrition, water and sanitation to improve health outcomes of rural India.

The NRHM regards district level health planning as a significant step towards achieving a decentralised, pro-poor and efficient public health system. District level health planning and management facilitate improvement of health systems by 1) addressing the local needs and specificities 2) enabling decentralisation and public participation and 3) facilitating interdepartmental convergence at the district level. Rather than funds being allocated to the States for implementation of the programmes developed at the central government level, NRHM advises states to prepare their perspective and annual plans based on the district health plans developed by each district.

The concept of DHAP recognises the wide variety and diversity of health needs and interventions across the districts. Thus it internalises structural and social diversities such as degree of urbanisation, endemic diseases, cropping patterns, seasonal migration trends, and the presence of private health sector in the planning and management of public health systems. One area requiring major reforms is the coordination between various departments and vertical programmes affecting determinants of health. DHAP seeks to achieve pooling of financial and human resources allotted through various central and state programmes by bringing in a convergent and comprehensive action plan at the district level.

Profile of Arwal District



MAP OF ARWAL DISTRICT

Some Photographs indicates to health facilities In the District



OT Room at PHC



Ward at PHC



PHC

BUILDING



Group photo of PHC Karpi Staffs

M.O.I/c attend ASHAs Meeting



Doctor's Examine patient in OPD

LAB Technician



Doctor in EMERGENCY





BABY in hospital

DISTRICT AT A GLANCE

History

Arwal district is one of the thirty-eight districts of Bihar state, India, and Arwal town is the administrative headquarters of this district. It was earlier part of Jehanabad district. Arwal has a population 709888. Out of which 367635 are male and 342253 are female. It's headquarter is situated at Arwal which is approximately 80 km south from the state capital Patna. Arwal town is situated on the right side bank of the Sone river, which is a tributary to the Sone river.

Geography

Latitude. - 25.25°, Longitude. - 84.6833333°

Timezone of Arwal is Asia/Calcutta

Arwal district is one of the thirty-seven districts of Bihar state, India, and Arwal town is the administrative headquarters of this district. It was earlier part of Jehanabad District. Arwal has a population of 709888. The five block divisions are Arwal, Kaler, Karpi, Kurtha and Sonbhadra bansi Suryapur. Paddy, wheat and maize are the main crops. Nearest airport is at Patna and railway station is at Jehanabad. By road, Arwal is linked with Jehanabad, Patna and Aurangabad .It's headquarter is situated at Arwal which is approximately 80 KMs south from the state capital Patna & NH 98. Arwal town is situated on the right side bank of the river Sone which is a tributary to the river of Ganga.

Language

The language spoken here is "MAGADHI",locally called MAGAHI a dialect of Hindi.



Communication

Arwal is situated 80 km south of Patna. The nearest airport is at Patna from where regular flights are available to all important towns and cities across the country. The nearest railway station is located at Jehanabad. By road, Arwal is efficiently linked with Jehanabad, Patna and Bhojpur

Agriculture

Arwal district is a predominantly agricultural district. The soil is highly fertile. This district is densely populated. Paddy, wheat, maize and pulses are the main agricultural crops raised by farmers in the district. Cane is also grown in some parts of the district.

Socio-Economic :

The relatively small sized district is a cauldron of conflict as far as the socio-economic situation is concerned. There were extreme caste tensions (with an economic bearing) prevailing in the whole Magadh area (old Gaya district - now broken into 5 districts of Gaya, Aurangabad, Nawada, Jehanabad and Arwal) and they were manifested in their worst forms in this district. Thus this place has been badly affected by Naxalism (PWG, MCC, ML(Lib) etc.) and has seen the emergence of rival outfits such as Ranvir Sena.

In the result this district has witnessed horrifying spate of large scale carnages in the past which has resulted in the killing of hundreds of innocents. Laxmanpur-Baathe, Rampur-Chauram, Senari, & Shankarbigha - there is a long list of villages where big massacres have occurred

Industrial Area



There is no any industry in this area .The agriculter is the main source of income in this area.

climate

The climate of Arwal is of extreme nature, i.e. very hot in the summers and biting cold in the winters.

Land Utilization

The total land available in the district is 195966.08 acres. Forest coverage is very small. The net shown area available for cultivation is 129166.39 acres, which is 65.91% of the total available land.

Administration Structure

There is one sub-division and Five blocks in this district.



Table 1: Arwal District at a Glance

Total Area	642.47 K.M
Population in thousands	709
Rural Population	709888
Urban Population	0
Population density	918 per sq km
Number of sub-divisions	1
Number of blocks	5
Total no. of Panchayats	68
Number of villages	335
Sex Ratio	935
Percent of urban population	0
Percent of SC population	18.91%
Percent of ST population	0.4%
Female literacy	15%
Male literacy	29.5%
Total literacy	45%
NGO Hospitals and centres undertaking RI with government vaccines	0
Total Number of Anganwadi centres	669



Summary of DHAP process in Arwal

The District Health Action Plan of Arwal has been prepared under the guidance of the Chief Medical Officer and the Additional Chief Medical Officer of Arwal with a joint effort of the District Programme Manager, District Account Manager, District Community Mobilizer (ASHA), the Block Health Manager, Block Account Manager and various M.O-PHCs as well as other concerned departments under a participatory process. The field staffs of the department have also played a significant role. Public Health Resource Network has provided technical assistance in estimation and drafting of various components of this plan.

Summary Of The Planning Process
Training of district team for preparation of DHAP
Preliminary meeting with CMO and ACO along with other concerned officials
Data Collection for Situational Analysis - MOIC , BHM & BAM meeting chaired by DM and CMO/CS
Block level consultations with MOICs, BHMs & BAMs
Writing of situation analysis
District Planning workshop to review situation analysis and prepare outline of district health plan- the meeting was chaired by CMO and facilitated by DIO. The workshop was attended by MOICs, BHMs ,BAMs and other key health functionaries at the district level.
District Consultations for preparation of 1st Draft
Preliminary appraisal of Draft
Final Appraisal
Final DHAP: Submission to DHS and State
Adoption by DHS and Zila Parishad
Printing and Dissemination

Health profile of Arwal District

Arwal has shown consistent improvement in some of the key health indicators across the years. Still the overall situation of the district leaves much to be desired. According to a survey by International Institute of Population Sciences conducted in 2006, from a total of 593 districts of India Arwal rank 386 for Under 5 mortality rate. It ranks 328th for women receiving three ANC visits. It ranks 245th on the basis of Contraceptive prevalence rate. The key RCH and other health indicators of the district are as follows:



Table 2 : Arwal Health Profile

Key population indicators	Infant Mortality rate	62	
	Maternal mortality rate	371	
	Crude birth rate	28.6	
	Death rate	8.1	
District Level Household & Facility Survey		DLHS 2 (02-04)	Bihar DLHS 3
Key RCH Indicators (in percentages)	Girls marrying below 18 yrs.	60.4	46.2
	Birth order 3+		
	Current use of any FP method		32.4
	Total unmet need		37.2
	Pregnant women who registered in the first trimester	33.6	
	Pregnant women with 3 + ANC	20	26.4
	Pregnant women receive at least 1 TT injections	89	58.4
	Delivery assisted by a skilled attendant at home	20	5.9
	Institutional births	42.6	27.7
	Children with full immunization	16.8	41.4
	Children with Diarrhoea treated within last two weeks who received treatment	86	73.7
	Children with Acute Respiratory infections in the last two weeks who were given treatment	0	73.4
	Children who had check up within 24 hours after delivery	98	
	Children who had check up within 10 days of delivery		
Communicable diseases (percent)	Kala Azar prevalence	0	
	TB incidence	1.2	
	HIV prevalence among STD clinics	1.2	
	HIV prevalence among ANC clinics	0	



Health Facilities in Arwal District

Arwal district has a total of 05 Primary Health Centres (PHCs), 26 Additional Primary Health Centres (APHCs) and 64 Health Sub centres (HSCs). The district has two Referral Hospitals located at Kurtha and Karpi under proposed. One Sadar hospital is under construction at arwal. The planning team for the DHAP undertook a comprehensive mapping and situational analysis of these health facilities in terms of infrastructure, human resources and service delivery.

Human Resources for Health in Arwal

Arwal currently has 67 regular doctors sanctioned out of which 23 are present. Similarly 20 contractual positions are sanctioned for doctors against whom only 14 are posted and 23 AYUESH doctors are posted against 26. So the total number of allopathic doctors present in the district is 37 against the total sanction of 87 and 23 AYUESH doctors against 26.

Table 3: Details of Existing Human Resource

Specialisation	Regular	Contract
MD (physician)	5	0
Surgeon	4	1
Gynaecologist	2	0
Paediatrician	2	0
Orthopaedics	0	0
Ophthalmologists	1	1
Pathology	0	0
ENT	0	0
Radiologist	0	0
Bio-chemistry	0	0
Physiology	0	0
Anaesthetist	01	0
Total	15	2

There are a total of 17 specialist doctors including 2(two) lady specialist and one Eye specialist doctors in arwal district.



Staff Nurses, Lady Health Visitors (LHVs) and Auxiliary Nurse Midwives (ANMs)

The total number of positions sanctioned under this category is 223. Currently 11 Grade 'A' nurses are posted across APHCS in the district..06 positions for LHVs are sanctioned out of which 2 are in position and 4 are vacant. For regular ANMs 125 positions are sanctioned and 62 are in position where as 63 posts of ANMs are vacant in the district. 64 positions for contractual ANM® and 14 contractual ANM are sanctioned where as 47 ANM® and 11 contractual ANM are posted. All the contractual ANMs are posted at the Sub centre level.

Situation Analysis of Health Facilities

The three tiers of the Indian public health system, namely village level **Sub centre**, **Additional Primary Health Centre** and **Primary Health Centers** were closely studied for the district of Arwal on the basis of three crucial parameters:

- 1) Infrastructure
- 2) Human resources and
- 3) Services offered at each health facility of the district.

The Indian Public Health System (IPHS) norms define that a Village **Health Sub centre** should be present at the level of 5000 population in the plain regions and at 2500-3000 population in the hilly and tribal regions. As most of the Arwal is situated in the plain terrain, the norm of Sub centre per 5000 population is expected to be followed. A sub centre is supposed to have its own building with a small OPD area and an exam room.. Sub centres are served by an ANM, Lady Health Volunteer and Male Multipurpose Health Worker and supported by the Medical Officer at the APHC. Sub centres primarily provide community based outreach services such as immunisation, antenatal care services (ANC), perinatal and post natal care, and management of malnutrition, common childhood diseases and family planning. It provides drugs for minor ailments such as ARI, diarrhoea, fever, worm infection etc. The Sub centre building is expected to have provisions for a labour room, a clinic room, an examination room, waiting area and toilet. It is expected to be furnished with essential equipment and drugs for conducting normal deliveries and providing immunisation and contraceptive services. In addition equipment for first aid and emergency care, water quality testing and blood smear collection is also expected to be available.

The **Primary Health Centre (PHC)** is required to be present at the level of 30,000 population in the plain terrain and at the level of 20,000 populations in the hilly region. A PHC is a six bedded hospital with an operation room, labour room and an area for outpatient services. The PHC provides a wide range of preventive, promotive and clinical services. The essential services provided by the PHC include attending to outpatients, reproductive and child health services including ANC check-ups, laboratory testing during pregnancy, conducting normal deliveries, nutrition and health counselling, identification and management of high risk pregnancies and providing essential newborn care such as neonatal resuscitation and management of neonatal hypothermia and jaundice. It provides routine immunisation services and tends to other common childhood diseases. It also provides 24 hour emergency services, referral and inpatient services. The PHC is headed by an MOIC and served by two doctors. According to the IPHS norms every 24 *7 PHC is supposed to have three full time nurses accompanied by 1 lady health worker and 1 male multipurpose worker. NRHM stipulates that PHCs should have a block health manager, accountant, storekeeper and a pharmacist/dresser to support the core staff.



According to the IPHS norms, a **Community Health Centre (CHC)** is based at one lakh twenty thousand population in the plain areas and at eighty thousand population for the hilly and tribal regions. The Community Health Centre is a 30 bedded health facility providing specialised care in medicine, obstetrics & gynaecology, surgery, anaesthesia and paediatrics. IPHS envisage CHC as an institution providing expert and emergency medical care to the community.

In Bihar, CHCs are absent and PHCs serve at the population of one lakh while APHCs are formed to serve at the population level of 30,000. The absence of CHC and the specialised health care it offers has put a heavy toll on PHCs as well as district and sub district hospitals. Moreover various emergency and expert services provided by CHC cannot be performed by PHC due to non availability of specialised services and human resources. This situation has led to negative outcomes for the overall health situation of the state.

Situation Analysis: Health Sub centre level Infrastructure

Table 1: Sub centre Data

Name of Block	Total Population	Total requirement as per District Database	PRESENT (functional)	ALREADY PROPOSED	Further requirement based on District Database
1. Arwal	155714	31	8	7	16
2. Kurtha	125739	25	11	7	7
3. Karpi	194812	39	17	8	14
3. Kaler	155318	31	16	2	13
4. Sonevadra Vansi suryapur	75305	15	12	3	0
Total	709888	141	64	27	50

Table No. 1 presents the additional requirements of Sub centres as per population norms mandated by IPHS as well as according to the database available with District Health Society Arwal. As per IPHS norms, Arwal district requires a total of 141 Sub centres of which 64 are present in the district. 27 are proposed. Thus, what is required is to make functional all of the already proposed Sub centers.

Situation Analysis: Health Sub centre level Infrastructure and Human Resource (Detailed)

Table 2 Sub centre Details

	1. Arwal	2. Kurtha	3. Karpi	4. Kaler	5. Sonevadra vansi suryapur	6 Total
Total Number of Sub centres	8	11	17	16	12	64
ANM sanctioned post	16	22	34	32	24	128
ANMs regular	13	10	12	16	4	55
ANMs contract+anm (R)	8	7	15	17	9	56
ANM residing at HSC	0	0	0	0	0	0



Residential facility for ANM required	8	11	17	16	12	64
HSC in Govt building	2	3	3	3	0	11
HSC in Panchayat building	01	0	01	0	0	2
HSC in rented Building	5	8	13	13	12	51
HSC building under construction	0	3	2	2	1	8
Building required	6	5	12	11	11	45
Running water supply available	0	0	0	0	0	0
Water supply required	8	11	17	16	12	64
Cont. power Supply	0	0	0	0	0	0
Power supply required	8	11	17	16	12	64

Tables 2 present a comprehensive picture of human resources and facilities available at the Sub centre level. At the Sub centre level infrastructure poses major constraints. The analysis reveals that of the existing 64 HSCs, only 11 are situated in GOVT. building premises. Out of these 64, 11 are in a Government building and 51 are in rented buildings. Out of the 53 Sub-centers, 08 buildings are under construction. 53 HSCs still do not have any building. The 09 HSCs are currently being renovated. Of the existing 11 HSC with a building, No any HSCs have availability of a running water supply. Certain blocks score especially low on Sub centre infrastructure.

In five blocks from the total 94 ANMs posted are present at the Sub centres. Arwal 13, kurtha 11, karpri 30, Kaler 23, and sonbhadra bansi suryapur 13 ANMs posted at Sub centres. It is apparent from the data that ANMs are not residing at the Sub centre. Out of 64 existing Sub centres, only 11 Sub centres have ANMs residing in the Sub centres area. District reports show that 53 Sub centres currently do not have a residential facility or ANM in Sub centre area and would require the same.

Situation Analysis: APHC level Infrastructure

The gaps in the availability of PHC are calculated as per the IPHS norms of one PHC at the level of 30,000 population. However in Bihar, the current state practice is one PHC at one lakh population level. Since the APHCs function at the level of 30,000 population at present in Bihar, the number of present and proposed APHCs is taken into account for the purpose of calculating the overall requirement of PHCs. The matrix also estimates requirement of CHCs in each block. Like Sub centres, the district has also proposed APHCs. A total 10 APHCs are proposed.

Table 6: APHC Infrastructure

Name of Block	APHC Total required	PRESENT	PROPOSED	Further REQUIRED after including PHC
1. Arwal	8	5	3	0
2. KARPI	9	8	1	0
3.KURTHA	5	3	2	0
4. KALER	7	4	3	0
5. SONBHADRA BANSI SURYAPUR	7	6	1	0
Total	36	26	10	0



Situation Analysis: APHC level Infrastructure and Human Resource (Detailed)

In Bihar Additional PHCs operate at the population of 30,000. The APHC is the cornerstone of the public health system since it serves as a first contact point for preventive, curative and promotive health services. It is the first part of the public health system with a full time doctor and provision for inpatient services. There are 26 functional APHCs in Arwal. 10 new APHCs are newly sanctioned. In general the APHCs in Arwal suffer from

- 1) lack of facilities including availability of building
- 2) constant power and water shortages
- 3) unavailability of doctors
- 4) doctors not residing at the facility
- 5) insufficient quantities of drugs and equipment
- 6) lack of capacity to use untied funds.
- 7) Lack of availability of land.

The level of facilities at the APHCs is expected to be similar to that of a PHC. All the blocks of Arwal do not have APHCs. A summarised version of the state of infrastructure facilities is as follows:

Table 3: APHC Infrastructure

		ARWAL	KARPI	KURTHA	KALER	SONBHADRA BANSI SURYAPUR	Total
Name of facility	Total No. of APHC	5	8	3	4	6	26
Building	APHC with Government Building	1	3	3	3	0	10
	APHC in rented building	4	5	0	1	6	16
	APHC in Panchayat Building	0	0	0	0	0	0
	APHC with No Building	4	5	0	1	6	16
	APHC Under construction	1	2	3	1	1	8
Water supply	APHC with assured water supply	0	0	0	0	0	0
Power supply	Continuous Power Supply	0	0	0	0	0	0
	Intermittently available power supply	0	0	0	0	0	0
	No power supply	0	0	0	0	0	0
Toilets	With Toilets	1	3	3	3	0	10
Labour room	With Labour room in good condition	01	0	0	1	0	02
	No Labour Room	4	8	3	3	6	24



Residential facilities	APHC with residential facilities	0	0	0	0	0	0
	APHC with no residential facilities	0	0	0	0	0	0
	MO residing at APHC	0	0	0	0	0	0
Furniture	Furniture Available	5	8	3	4	6	26
Ambulance	Ambulance	0	0	0	0	0	0

Out of 26 APHCs, 10 are situated in government buildings, & 8 APHC are under construction, where as 16 Adphc are in rented buildings.

Figure 1 : APHC Infrastructure

As per Table 3, APHCs suffer from unavailability of buildings and facilities such as water and power supply, availability of functional labour and operation theatre and toilets. No any APHCs have assured running water supply and no APHC has continuous power supply available. Considering that APHCs are expected to provide laboratory services, maintain the cold chain involving equipment such as deep freezers and ILR, 24 hour emergency services and inpatient services, lack of running water and a continuous power supply is a significant constraint. Perhaps the most challenging constraint for the APHCs is the lack of labour rooms. APHCs as the first port of care for obstetrics are required to have a fully functional labour room. In Arwal no any APHCs in the entire district have functional labour rooms. As residential quarters are not available at the facility level, staff does not reside at the APHC. 26 APHCs need quarters for their staff. The staff across the district also reports absence of furniture and the need of major repair work for the furniture.

Situation Analysis: APHC Human Resource

The APHC is expected to be staffed by 2 medical officers; preferably at least one woman, 1 pharmacist, 3 staff nurses, 1 Health worker, 2 health assistants, 1 clerk, 2 lab technicians, 1 health educator, 1 driver and other Grade 4 staff. In Arwal all 26 APHCs have posts sanctioned for 52 doctors but only 8 doctors are posted in APHCs, 2 from Arwal block, 1 from kaler, 4 from Karpi and 1 from Sonevadra vansi suryapur. 19 APHCs are functional without a medical officer.

Figure: 2 APHC Human Resources

Table 8: APHC Human Resource

		ARWAL	KARPI	KURTHA	KALER	SONBHADRAA BANSI SURYAPUR	Total
Total No. of APHC		5	8	3	4	6	26
Doctors	2 doctors Sanctioned	15	24	9	12	18	78
	1 doc Sanctioned						
	2 doc in Position	3	2	0	1	0	6
	1 doc in postion	2	4	2	3	6	17
	0 doc in postion	0	2	1	0	12	15
ANM(Grade a)	2 ANMs Sanction	10	16	6	8	12	52
	2 ANM in position	0	0	0	0	0	0
	1 in position	4	4	1	1	1	11
	0 in position	1	4	2	3	5	15
Laboratory Technician	Sanctioned	5	8	3	4	6	26
	in Position	0	0	0	2	0	2
Pharmacist/ Dresser	Sanction	5	8	3	4	6	26
	in Position	0	1	0	1	0	2
Nurses	2 Sanctioned	2	2	8	3	2	22
	2 in Position	2	1	8	3	2	16
	1 in position	0	1	0		0	5
	0 in position	0	0	0		0	4



		ARWAL	KARPI	KURTHA	KALER	SONBHADRAA BANSI SURYAPUR	Total
Total No. of APHC		5	8	3	4	6	26
Accountant	In position	0	2	8	0	0	25
Peon	In position	0	2	7	0	0	10
Sweeper	In position	0		0	0	1	2
Specialist		0	0	0	0	0	0



Situation Analysis: PHC Infrastructure

PHCs fare well in terms of infrastructure as compared to APHC and Health Sub centres. All the PHCs in the district are based out of government buildings. There are 5 functional PHC which have functional OT and functional labour rooms. Yet the condition of the operation theatres and labour rooms needs to be improved in nearly all the PHCs. PHCs such as sonbhadra Bansi Suryapur require New buldingto make their Labour Rooms fully operational. Toilets are available in all the PHCs. All PHCs have access to running water and continuous power supply by outsourced.

The main problem at the PHC level is not the total lack but inadequacy of facilities. As PHC serves 1 lakh twenty thousand population, the level of infrastructure in terms of size of building, number of rooms, and size of wards is clearly inadequate. The gaps arise as the infrastructure was designed to serve 30,000 populations. As a result several PHCs such as Arwal, Karpi, Kurtha, Kaler and sonevadra bansi suryapur are unable to fulfil the demand for inpatient services.

Figure: 3 Infrastructure at PHC

A detailed version of status of infrastructure at all the PHCs is as follows:

	ARWAL	KARPI	KURTHA	KALER	SONBHADRA BANSI SURYAPUR
Building	Govt	Govt	Govt	Govt	Govt (APHC BUILDING)
Building Condition	Good but insufficient	Good but insufficient	GOOD	GOOD	Not sufficient
Running Water Supply	Available	Available	Available	Available	Available
Power Supply	Available	Available	Available	Available	Available
Toilets	Present	Present	Present	Present	Present but insufficient
Functional Labour Room	Present	Present	Present	Present	Present but not sufficient
Condition of Labour Room	Require new building	Require new building	Present	Present	Present but not sufficient
Functional OT	Available	Available	Available	Available	Available but not sufficient
Condition of OT	Inadequate	Inadequate	Inadequate	Inadequate	Inadequate
Condition of ward	Inadequate	Require new building	Inadequate	Inadequate	Require new building

Table 9.1: PHC Infrastructure

A - Available; NA- Not available;AO- Availability by outsourced



Situation Analysis: PHC Human Resources

Arwal, karpi, kurtha, Kaler and sonbhadra bansi suryapur are served by more than 20 doctors in position. Availability of specialists is still a major constraint for the district as only PHCs, Karpi Arwal, kurtha and Kaler have specialists in position. The situation regarding number of ANMs at PHC level is not satisfactory since the gap between sanctioned and in position is either absent or very narrow for most of the PHCs. Pharmacists are sanctioned in all the PHCs but are in position only 2 of them. Similarly Store keepers are in position in 5 PHCs but not posted. The biggest gap is in the availability of Staff Nurses. All other PHCs do not yet have nurses sanctioned or in position. District's human resources availability across all the PHCs can be summarised as follows:

Table 10: Human Resources at PHC

		Number of PHCs
Doctors	Post Sanctioned (Regular + Contact)	35
	Posted (Regular Doctors)	12
	Posted (contractual)	14
Specialists	PHCs with 2 specialist	4
ANM	PHC with Post sanctioned	15
	PHCs with in position ANMs	11
Lab tech	PHCs with lab tech sanctioned	5
	PHCs with lab tech in position	2
Pharmacist	PHCs with at least 1 pharmacist sanctioned	5
	PHCs with at least 1 pharmacist in position	3
Store keepers	Post Sanctioned	5
	Posted	0



Availability of Human resources in each PHC can be studied in detail from the following matrix:

Table 11: Human Resource at PHC

Staff Positions		ARWAL	KARPI	KURTHA	KALER	BANSI SONBHADRA SURYAPUR	TOTAL
Doctors	Sanctioned	7	7	7	7	7	35
	In position	6	4	4	5	5	24
ANMs	Sanctioned	3	3	3	3	3	15
	in Position	3	2	3	2	1	11
Laboratory Technician	Sanction	1	1	1	1	1	5
	in Position	0	0	0	0	0	0
Pharmacist/ Dresser	Sanctioned	1	1	1	1	1	5
	in Position	0	1	1	0	0	2
Storekeeper	Sanctioned	1	1	1	1	1	5



Situation Analysis: Support Services at PHCs:

Table 12: Support Services at PHC

PHC Services at a Glance	
Total number of PHCs	5
Availability of Ambulance	6
Generator	5
X – Ray	3
Laboratory Services (Pathology)	1
Laboratory Services (Malaria/Kalazaar)	1
Laboratory Services (T.B)	5
Canteen	0
Housekeeping	0
Rogi Kalyan Samiti set up	5
Untied funds received	5
Untied funds utilised	5

Efficiency of PHC apart from infrastructure facilities and human resources depends on various other factors such as availability of transport facilities, x ray services, generator etc. PHC as an in-patient facility also needs to acquire canteen and housekeeping services. PHC provides basic pathological lab services along with lab services for TB, Malaria and kala azar. A detailed analysis of the services available at each PHC of Arwal is given along side.

Table 13: Support Services for PHCs (Detail)

	ARWAL	KARPI	KURTHA	KALER	SONBHADRA BANSI SURYAPUR	TOTAL
Ambulance	3	1	1	1	0	6
Generator	1	1	1	1	1	5
X – Ray	1	1	1	0	0	3
Laboratory Services (Pathology)	1	NA	NA	NA	NA	1
Laboratory Services (Malaria/Kalazaar)	1	NA	NA	NA	NA	1
Laboratory Services (T.B)	1	1	1	1	1	5
Canteen	NA	NA	NA	NA	NA	NA
Housekeeping	0	0	0	0	0	0

As per the analysis in Table 13, the Arwal .health system requires to focus its attention on support services for PHCs in the district. Transportation facilities are available in all the PHC except Sonevadra Bansi suryapur. At most of the places Ambulance services are outsourced. Generator is also outsourced in all the PHC . Laboratory services for Pathology, Malaria and Kala Azar are not available in any PHC in the district except Sadar. Laboratory services for TB are available in 5 PHCs. The analysis highlights the need to invest in laboratory services. Canteen and Housekeeping are also not available in any of the PHC.

Situation Analysis: Sub Divisional Hospital (SDH) and Referral Hospitals (RH)

SDH are under construction and Two Referral Hospital are proposed.



Situation Analysis: Service Delivery

The infrastructure, human resources and support services available for the PHCs need to be compared with the work burden of each PHCs. Primary data for outpatient services given in the table below indicates significant work pressure on all the PHCs in the district.

Table 15: Treatment of OPD Patients in PHCs

MONTH	2008	2009	2010
JANUARY	13434	12026	19488
FEBRUARY	15635	12116	23362
MARCH	11247	12846	26565
APRIL	10050	13034	22767
MAY	11297	12242	27488
JUNE	11559	16794	25013
JULY	12761	18673	31089
AUGUST	16519	18978	33467
SEPTEMBER	16240	19175	33728
OCTOBER	13671	21293	38085
NOVEMBER	11703	23809	39941
TOTAL	144116	180986	320993
Average	13101.455	16453.273	29141.11

According to the available data, on an average, each PHC per month OPD is 13101 in 2008, 16453 OPD Patient attended in 2009 and 29141 in 2010. This is certainly huge number in terms of work burden. Total patients attended by all the PHCs in year 2008 are 144116, 180986 in 2009 where as 320993 in 2010. It is necessary to increase OPD Patient in whole district to enhance the infrastructure to each ADPHC and also attend OPD.

Graphical representation to the no of OPD services offered by all the PHCs in the district over the period of 2008 to 2010 as following.

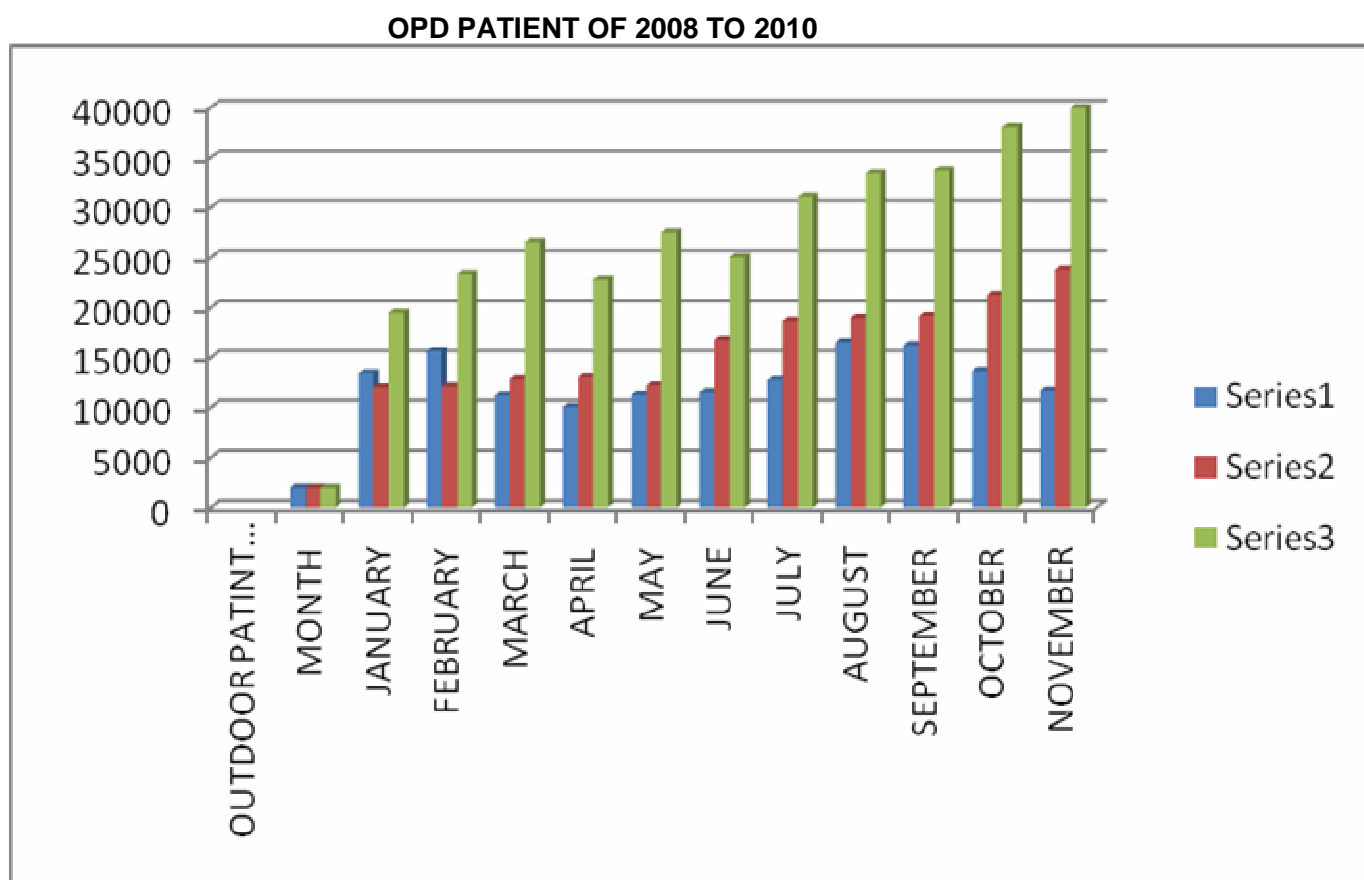


Figure 4: OutPatients Treated

Increase in the work burden in the monsoon months of July to October in both the years is quite evident from the graph. Yet one can also gauge the gravity of the flood situation in 2008 as compared to 2009. In the above graph OPD Patient are also increased due to flood situation, season change. This fact highlights the need to integrate flood preparation & emergency planning in the district health plans.

Situation Analysis: Reproductive and child health

Salient RCH statistics for the district are given in the district profile section of this document. Mentioned below are the performance figures of PHCs across the district.

Table 17: Reproductive and Child Health

Sl.No.	Name of PHC	TT Vaccination	Measles Vaccine	Institutional Delivery	Family Planning
1	ARWAL	4689	2378	2171	407
2	KARPI	5712	2186	1719	270
3	KURTHA	4122	1694	1882	298
4	KALER	4805	2167	1249	295
5	SONBHADRA BANSI SURYAPUR	2141	1119	229	118



Total		21469	9544	7250	1388
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Situation Analysis: Revised National Tuberculosis Control Programme

District has total 1 T.B units in the district- DTC Arwal.

ANNUAL PLAN FOR PROGRAMME PERFORMANCE & BUDGET FOR THE YEAR 1ST APRIL 2011 TO 31ST MARCH 2012

District: **ARWAL** State :BIHAR

This action plan and budget have been approved by the DTCS.

Signature of the DTO _____

Name _____ *Designation* _____

Section-A – General Information about the District

	Population (in lakh) please give projected population 2011	718208
	Urban population	
	Tribal population	
	Hilly population	
	Any other known groups of special population for specific interventions (e.g. nomadic, migrant, industrial workers, urban slums)	

(These population statistics may be obtained from Census data /District Statistical Office)

Does the district have a DTC: Yes



ORGANIZATION OF SERVICES IN THE DISTRICT:

S. No.	Name of the TU	Population (in Lakhs)	Please indicate if the TU is-		No. of MCs		
			Govt	NGO	Govt	NGO	Private
1	Arwal DTC	718208	1	0	7	0	0
	DISTRICT		1	0	7	0	0

RNTCP performance indicators:

Important: Please give the performance for the last 4 quarters i.e. July2009 to June 2010

TB Unit	Total number of patients put on treatment	Annualized total case detection rate (per lakh pop)	No of new smear positive cases put on treatment	Annualized New smear positive case detection rate (per lakh p op)	Cure rate for cases detected in the last 4 corresponding quarters	Plan for the next year		Proportion of TB patients tested for HIV
						Annualized NSP CDR	Cure rate (85%)	
Arwal DTC	631	89	282	40	83%	45	85%	50%

Section B – List Priority areas for achieving the objectives planned:

S.No.	Priority areas	Activity planned under each priority area
1	Increasing case detection	More involvement of community in referrals, and keeping all the DMCs in functional condition
2	Training	Training/re-training and update training of all community volunteers , MO , ANM and other health staff
3	EQA	Strengthening of EQA by rigorous implementation of all EQA protocols
4	TB-HIV	Formation of TB HIV District Co-ordination committee, Initiation of cross referrals between ICTC and DMC
5	DOTS Plus	Preparatory activities like line listing of MDR suspects and training of all health officers and staff both regular and contractual.



Section C – Plan for Performance and Expenditure under each head:

Civil Works

Activity	No. required as per the norms in the district	No. actually present in the district	No. planned for this year	Pl provide justification if an increase is planned (use separate sheet if required)	Estimated Expenditure on the activity	Quarter in which the planned activity expected to be completed
	(a)	(b)	(c)	(d)	(e)	(f)
DTC	1	1	0		4500	By 3Q11
TUs	1	1	0		1300	By 3Q11
DMC	7	7	2	The district already has DMCs as per population norms but two APHCs will be made functional and DMC may be started there.(Jaipur and another)	7000	By 3Q11
Total					12800	

Laboratory Materials

Activity	Amount permissible as per the norms in the district	Amount actually spent in the last 4 quarters	Procurement planned during the current financial year (in Rupees)	Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)	Justification/ Remarks for (d)
	(a)	(b)	(c)	(d)	(e)
Purchase of Lab Materials	107000	69468	40000	107000	With increase in case detection and rate contract been finalised, the expenditure in lab consumables will increase.

Honorarium

Activity	Amount permissible as per the norms in the district	Amount actually spent in the last 4 quarters	Expenditure (in Rs) planned for current financial year	Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)	Justification/ Remarks for (d)
	(a)	(b)	(c)	(d)	(e)
Honorarium for DOT providers (both tribal and non tribal districts)	100000	22750	48000	100000	To clear the outstanding dues of all community volunteers,
Honorarium for DOT providers of Cat IV patients	5000	-	5000	5000	For 2 patients



Annual Action Plan Format Advocacy, Communication and Social Mobilization (ACSM) for RNTCP

- 1) Information on previous year's Annual Action Plan
 - a) Budget proposed in last Annual Action Plan:
 - b) Amount released by the state:
 - c) Amount Spent by the district-
- 2) Permissible budget as per norm :
- 3) Budget for next financial year for the district as per action plan detailed below:

Program Challenges to be tackled by ACSM during the Year 20010-11	WHY ACSM Objective	For WHOM Target Audience	WHAT ACSM Activities		When Time Frame			By WHOM	Monitoring and Evaluation		Budget
			Activities	Media/ Material Required	Q1	Q2	Q3		Outputs; Evidence that the activities have been done	Outcomes: Evidence that it has been effective	
Challenge 1.											
Advocacy Activities											
1.Visibility of the programme		Community	1.Hoarding at block office(Karpi, Kurtha,Kaler, Sonebhadra Bansisurajpur,Arwal, New Sadar Hospital)				All to be completed in this quarter				
			2.World TB Day Celebration								53850.00
TOTAL BUDGET											

Comments, if any:-

Prepared by:-

Equipment Maintenance:



Item	No. actually present in the district	Amount actually spent in the last 4 quarters	Amount Proposed for Maintenance during current financial yr.	Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)	Justification/ Remarks for (d)
	(a)	(b)	(c)	(d)	(e)
Office Equipment <i>(Maintenance includes computer software and hardware upgrades, repairs of photocopier, fax, OHP etc)</i>	All equipments			30000	
Binocular Microscopes (RNTCP)	7	Paid from State	10500	10500	
				40500	

Training:

Activity	No. in the district	No. already trained in RNTCP	No. planned to be trained in RNTCP during each quarter of next FY				Expenditure (in Rs) planned for current financial year	Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)	Justification/ remarks
			Q1	Q2	Q3	Q4			
	(a)	(b)					(d)	(e)	(f)
Training of MOs	34+26		20	20	20		15000		Since the district is a single TU district and going by the population norms the maximum which can be spent by the district is Rs.40,000/-. All the trainings are to be conducted within this budget.
Training of LTs of DMCS- Govt + Non Govt									
Training of MPWs									
Training of MPHS, pharmacists, nursing staff, BEO etc									
Training of Comm Volunteers									
Training of Pvt Practitioners									
Other trainings #									
Re- training of MOs									



Re- Training of LTs of DMCs									
Re- Training of MPWs									
Re- Training of MPHS									
Re- Training of Pharmacists									
Re- Training of nursing staff, BEO									
Re- Training of CVs	773		100	100	100	100		10000	
Re-training of Pvt Practitioners									
TB/HIV Training of MOs									
TB/HIV Training of STLS, LTs , MPWs, MPHS, Nursing Staff, Community Volunteers etc									
TB/HIV Training of STS									
Training of MOs and Para medicals in DOTS Plus for management of MDR TB									
Provision for Update Training at Various Levels(key staff & MO-PHIs)									
Any Other Training Activity(Key staff & MO-PHIs)									
								25000	40000

Please specify

Vehicle Maintenance:

Type of Vehicle	Number permissible as per the norms in the district	Number actually present	Amount spent on POL and Maintenance in the previous 4 quarters	Expenditure (in Rs) planned for current financial year	Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)	Justification/ remarks
	(a)	(b)	(c)	(d)	(e)	(f)
Four Wheelers						
Two Wheelers	1	1	17184	5500	25000	

Vehicle Hiring:

<i>Hiring of Four Wheeler</i>	<i>Number permissible as per the norms in the district</i>	<i>Number actually present</i>	<i>Amount spent in the previous 4 quarters</i>	<i>Expenditure (in Rs) planned for current financial year</i>	<i>Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)</i>	<i>Justification/ remarks</i>
	<i>(a)</i>	<i>(b)</i>	<i>(c)</i>	<i>(d)</i>	<i>(e)</i>	<i>(f)</i>
<i>For DTO</i>	<i>1</i>	<i>1</i>			225000	
<i>For MO-TC</i>	<i>1</i>				63000	
			141724	30000	288000	

NGO/ PP Support: (New schemes w.e.f. 01-10-2008)

<i>Activity</i>	<i>No. of currently involved in RNTCP in the district</i>	<i>Additional enrolment planned for this year</i>	<i>Amount spent in the previous 4 quarters</i>	<i>Expenditure (in Rs) planned for current financial year</i>	<i>Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)</i>	<i>Justification/ remarks</i>
	<i>(a)</i>	<i>(b)</i>	<i>(c)</i>	<i>(d)</i>	<i>(e)</i>	<i>(f)</i>
<i>ACSM Scheme: TB advocacy, communication, and social mobilization</i>					<i>150000</i>	<i>It is proposed that an NGO will be enrolled for ACSM activity in the district in the area. At present no NGO is working in the district.</i>
<i>SC Scheme: Sputum Collection Centre/s</i>						
<i>Transport Scheme: Sputum Pick-Up and Transport Service</i>					<i>24000</i>	<i>Proposed to enrol an NGO for hard to reach area which is difficult to access to the nearest DMC.</i>
<i>DMC Scheme: Designated Microscopy Cum Treatment Centre (A & B)</i>						
<i>LT Scheme: Strengthening RNTCP diagnostic services</i>						
<i>Culture and DST Scheme: Providing Quality Assured Culture and Drug Susceptibility Testing Services</i>						
<i>Adherence scheme: Promoting</i>						



<i>Activity*</i>	<i>Amount permissible as per the norms in the district</i>	<i>Amount spent in the previous 4 quarters</i>	<i>Expenditure (in Rs) planned for current financial year</i>	<i>Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)</i>	<i>Justification/ remarks</i>
	<i>(a)</i>	<i>(b)</i>	<i>(c)</i>	<i>(d)</i>	<i>(e)</i>
<i>Chair, Table ,Almirah, Office stationary and other expenses as mentioned in the financial guidelines</i>	<i>107700</i>	<i>16479</i>	<i>38000</i>	<i>107700.00</i>	
				<i>107700.00</i>	
<i>treatment adherence</i>					
<i>Slum Scheme: Improving TB control in Urban Slums</i>					
<i>Tuberculosis Unit Model</i>					
<i>TB-HIV Scheme: Delivering TB-HIV interventions to high HIV Risk groups (HRGs)</i>					
				<i>TOTAL</i>	
				<i>174000</i>	

Miscellaneous:

** Please mention the main activities proposed to be met out through this head*



Contractual Services:

<i>Activity</i>	<i>No. required as per the norms in the district</i>	<i>No. actually present in the district</i>	<i>No. planned to be additionally hired during this year</i>	<i>Amount spent in the previous 4 quarters</i>	<i>Expenditure (in Rs) planned for current financial year</i>	<i>Estimated Expenditure for the next financial year for which plan is being submitted</i> <i>(Rs.)</i>	<i>Justification/ remarks</i>
	<i>(a)</i>	<i>(b)</i>	<i>(c)</i>		<i>(d)</i>	<i>(e)</i>	
<i>Medical Officer-DTC</i>	<i>Not to be filled</i>	-	-		-	-	
<i>STS</i>	<i>1</i>	<i>1</i>	<i>0</i>				<i>The amount requested is inclusive of 5% enhancement for the contractual staff. It also includes the vacant positions which will be filled in the coming financial year. Previous year arrears are also being cleared in the current financial year.</i>
<i>STLS</i>	<i>1</i>	<i>1</i>	<i>0</i>				
<i>TBHV</i>							
<i>DEO</i>	<i>1</i>	<i>0</i>	<i>1</i>				



Accountant – part time	1	0	1				
Contractual LT		4	0				
725626.00 290000.00						875700.00	

Printing:

Activity	Amount permissible as per the norms in the district	Amount spent in the previous 4 quarters	Expenditure (in Rs) planned for current financial year	Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)	Justification/ remarks
	(a)	(b)	(c)	(d)	(e)
Printing*				30000.00	Though the printing is being done centrally, it is proposed that the amount be released for any exigencies.

* Please specify items to be printed

Research and Studies: NIL

Any Operational Research project planned (Yes)

(Post Graduate grant for one research paper from each Medical College)

Estimated Budget (to be approved by STCS)._____

Medical Colleges: NOT APPLICABLE

Activity	Amount permissible as per norms	Estimated Expenditure for the next financial year(Rs.)	Justification/ remarks
	(a)	(b)	(c)
Contractual Staff: ▪ MO (In place: Yes/No) ▪ STLS (In place: Yes/No) ▪ LT (In place: Yes/No)			



▪ <i>TBHV (In place: Yes/No)</i>			
<i>Research and Studies:</i>			
▪ Thesis of PG Student ▪ Operations Research*			
<i>Travel Expenses for attending STF/ZTF meetings</i>			
<i>IEC: Meetings and CME planned</i>			

Procurement of Vehicles:

<i>Equipment</i>	<i>No. actually present in the district</i>	<i>No. planned for this year</i>	<i>Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)</i>	<i>Justification/ remarks</i>
	<i>(a)</i>	<i>(b)</i>	<i>(c)</i>	<i>(d)</i>
<i>4-wheeler **</i>				
<i>2-wheeler</i>				<i>Not planned</i>

** Only if authorized in writing by the Central TB Division

Procurement of Equipment:

<i>Equipment</i>	<i>No. actually present in the district</i>	<i>No. planned for this year</i>	<i>Estimated Expenditure for the next financial year for which plan is being submitted (Rs.)</i>	<i>Justification/ remarks</i>
	<i>(a)</i>	<i>(b)</i>	<i>(c)</i>	<i>(d)</i>
<i>Office Equipment (computer, modem, scanner, printer, UPS etc)</i>				
<i>Any Other</i>				<i>Not planned</i>



Section D: Summary of proposed budget for the district –

S.No.	Category of Expenditure	Budget estimate for the coming FY 2011- 12
		<i>(To be based on the planned activities and expenditure in Section C)</i>
1	Civil works	12800.00
2	Laboratory materials	107000.00
3	Honorarium	105000.00
4	IEC/ Publicity	53850.00
5	Equipment maintenance	40500.00
6	Training	40000.00
7	Vehicle maintenance	25000.00
8	Vehicle hiring	288000.00
9	NGO/PP support	174000.00
10	Miscellaneous	107700.00
11	Contractual services	875700.00
12	Printing	30000.00
13	Research and studies	0.00



14	Medical Colleges	0.00
15	Procurement –vehicles	0.00
16	Procurement – equipment	0.00
	TOTAL	18,59,550.00

*** Only if authorized in writing by the Central TB Division*

- **Additionality Funds from NRHM**-Details of the activities for which Additionality Funds are proposed to be sought.
 - **It is proposed that the difference of remuneration of the RNTCP contractual Medical Officer and that of the Laboratory Technician be brought at par with what is being paid by the State Health society. It is proposed that the difference be borne out of NRHM funds.**

Table 18: Revised National Tuberculosis Control Programme

Name of TU	Total no. of patients put on treatment	Annualised total case of detection rate(per lakh pop)	Number of new smear positive case put on treatment	Annualised NSP case detection rate(per lakh pop)	Cure rate for cases detected in last 4 corresponding quarter	Annulaised NSP case detection rate	Current rate	Proport ion of TB patient tested for HIV
ARWAL	631	89	282	40	83%	45	85%	50%

Situation Analysis: Leprosy Control Programme

Table 19: Leprosy in Arwal District 2010-11

Current prevalence rate (per 10,000)	1.38
Current detection rate	1.95
Current number of patients	120
New cases detected in last year	143
Percentage of children in new cases	18.88
Percentage of disabled in new cases	1.39
% of SC in new cases	4.47



Percentage of ST in new cases	0.0
Total number of cured patients	167

Situation Analysis: Kala Azar Control Programme

Kala Azar continues to pose a challenge for the state of Bihar. In 2008, there are 4 cases of Kala Azar patients in blocks of the Arwal. A total number of 4 cases were detected in the district in 2008, out of which 4 were fully treated. No deaths were reported in 2008. There are only one cases reported and treated in 2009 & 2010.



Table 20: Kalazar Cases(2010)

Name of the PHCs	Population of effected PHCs	Cases	Death	Treated
ARWAL	151916	1	0	1

Situation Analysis: Filaria Control Programme

Status of Filaria in the district is as follows:

Table 21: District level data on Filaria Cases

Indicators	Total No. of Cases in 2010
No. of Cases Reported	0
No. of Night Blood Sample Collected	0
No. of Hydrocele Operation done	32

Situation Analysis: Malaria Control Programme

Even though the number of malaria cases reported in 2005-06, In 2007 to 2010 no any malaria cases are reported till this time. Under National malaria programme, blood smears are routinely collected and examined in Arwal PHC some are outside of the hospital premises because pathology check system are not available in all the PHC.

Situation Analysis: National Blindness Control Programme

This programme is carried out at the facilities available at DHS Arwal and also through various school health camps. Salient information from the National Blindness Control Programme is given in the matrix below:



Table 23: National Blindness Control Data

CATARACT PERFORMANCE	QUARTER – I			QUARTER – II			QUARTER - III			QUARTER - IV			TOTAL
	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	
FACILITY													0
NGOS													
PVT. SECTOR						03	05						08
OTHERS	0	0	0	0	0	0	0	0	0				0
TOTAL						03	05						08
PROG. TOTAL													
SCHOOL EYE SCREENING													
No. of teachers trained in screening for Refractive errors	0	0	0	0	0	0	0	0	0	0	0	0	0
No. of school going children screened	560	497	705	873	379	267	531	595	0	0	0	0	4407
No. of school going children detected with Refractive errors	103	323	487	245	86	243	289	197	0	0	0	0	1973
No. of school going children provided free glasses	39	65	79	102	62	56	85	109	0	0	0	0	597
EYE DONATION													
No. of Eyes Collected													0
No. of Eyes Utilized	0	0	0	0	0	0	0	0	0	0	0	0	0



Situation Analysis: Utilisation of RKS Funds

Under the aegis of NRHM several innovative initiatives for better performance of facilities at the level of PHCs and above have been launched. Untied funds for the PHC and Rogi Kalyan Samiti are two key initiatives to provide better financial flow and management support to the facility. Rogi Kalayn Samiti play a crucial role in managing the affairs of the hospital. It consists of members from local Panchayati Raj Institutions (PRIs), NGOs, local elected representatives and officials from the Government sector who are responsible for the proper functioning and management of the facility. RKS generates, allocates, and spends the funds allotted to it to ensure well functioning, quality services. In Arwal RKS have been set up in all of the PHCs. Most of the PHCs have been using the RKS funds towards various services such as ambulance, X ray machines and generators..

Table 24: Utilisation of RKS Funds

Name of Block	RKS Funds - amount available	RKS Funds -amount Utilised	Untied funds received	Untied funds used
ARWAL	100000	25000	100000	22168
KARPI	100000	6520	90000	NIL
KURTHA	100000	NIL	37776	NIL
KALER	100000	49819	75000	55163
SONBHADRA BANSI SURYAPUR	100000	47131	100000	21835



Situation Analysis: ASHA

Training

One of the key components of the National Rural Health Mission is to provide every village in the country with a trained female community health activist – 'ASHA' or Accredited Social Health Activist. Selected from the village itself and accountable to it, the ASHA is trained to work as an interface between the community and the public health system. Accredited Social Health Activist (ASHA) is a key strategy of the NRHM to link the community with the health systems. ASHA works with the community to raise awareness about various health programmes, provide basic health knowledge, and provide information on health practices thus generating demand for health services. She also helps and supports the community to access health services. Proper selection and training of ASHAs is a crucial step for the success of NRHM. In Arwal, ASHAs have been selected in all the blocks. In most of the blocks ASHAs have completed two rounds of training, while in some of the blocks they have completed one round of training.

773 ASHAs (revised as per the decadal growth in 2010) are to be selected and trained in the district. The previous target was 645 (as per 2001 census). The first orientation training of seven days has been completed for 645 ASHAs. The 2nd, 3rd and 4th round /2, 3 & 4th module training is being done.

A total number of 773 ASHAs have been selected till date so far. Salient information related to ASHAs in the district can be found in the matrix below:

Table 25: Selection and Training of ASHA

Target (Total no. of ASHA to be selected)= 773						
Total No. of ASHA selected(till date)= 773						
Sl.No.	Name of PHC	Total Target	Total No. of ASHA selected	Total No. of ASHA to be selected	Total No. of ASHA Trained	Total No. of ASHA Untrained (among selected)
1	Arwal	171	171	0	145	26
2	Kurtha	127	127	0	97	30
3	Karpi	205	205	0	188	17
4	Kaler	180	180	0	136	44
5	Sonevadra vansi suryapur	90	90	0	84	6
	Total	773	773	0	640	123



Table 26: Aanganwadi workers in PHCs

Name of PHC	No. of AWW	
	Sanction	Present
Arwal	131	121
Kurtha	102	98
Karpi	158	153
Kaler	127	123
Sonevadra vansi suryapur	62	60
Total	580	555

For Arwal and Bihar NRHM is a challenging task. However it also provides the opportunity to identify gaps, innovate and invest in the public health system. The above situation analysis presents a detailed review of the status of infrastructure, human resources and services in the district. This analysis can be used as a baseline from which to design new strategies and approaches to achieve the goals of the National Rural Health Mission in Arwal.



Strengthening Health Facilities in Arwal District

Goal: To ensure that all health facilities have required infrastructure, human resources, supplies and equipment for effective functioning

1. Sub centres

Objectives:

1. To ensure that Arwal has 100% functioning Sub centres as required by population norm
2. To ensure that all Subcentres have the facilities to provide a comprehensive range of services
3. To strengthen the Subcentre as the provider of primary outreach services

Infrastructure		
<p>Situation analysis: As per the norm, 141 HSCs are required. Out of the total 141 subcentres, 64 HSCs already exist. 27 additional HSCs have recently become functional. We are making a plan for new building of 21 HSCs. 50 HSCs are further required and these have been proposed. Of the existing 64 HSCs, only 09 are situated in any building premises. Out of these 64, 11 are in Government building, 51 are in rented building. 2 are in panchyat building. Out of the 53 remaining sub-centers, buildings are under construction for 7 HSCs. 53 HSCs still do not have any building. The 11 HSCs operating in Govt building are currently being renovated. Of the existing 64 HSC do not have reported the availability of running water supply and availability of continuous power supply</p>		
Strategies	Activities	Budget
<p>Requisition for sanctioning of 46 HSCs Certain blocks like Arwal, Kapi, Kurtha, Kaler, Sonbhadra Bansi suryapur the number of required HSC is more than 50-100% more than the existing Sub centres. Prioritizing setting up of 64 new HSCs in these blocks.</p> <p>Construction of buildings for the 27 newly sanctioned HSCs as per IPHS norms. We are making a plan for new building of 21 HSCs.</p> <p>Ensuring that the 11 Sub centres currently located in Government buildings are renovated according to IPHS norms</p> <p>Ensuring that the 7 Sub centres currently being constructed are constructed according to IPHS norms</p> <p>Revising rent rates for the sub centres operating from rented houses and for any further rentals in order to get adequate space and facilities for HSC functioning.</p>	<p>For new construction</p> <p>Meeting with CO to identify availability of land for setting up the priority HSCs in the selected villages.</p> <p>Follow up the responses to the advertisement given by Bihar Govt for donation of land for setting up of HSCs.</p> <p>Village meetings to identify accessible locations for setting up of HSCs</p> <p>Finding locations for new HSCs on the basis of hard to reach areas and population. Distance between two facilities should also be considered.</p> <p>Requesting allotment for construction of new HSCs to State Health Society</p> <p>Requesting state government to revise the rent rates for HC building and make the grant for payment of the rent.</p> <p>Ensuring construction of HSC building as per IPHS norm along with residence for ANM and other health staff.</p> <p>For review of on going renovation/construction</p> <ul style="list-style-type: none"> • Meeting of DHS in presence of 	<p>New construction</p> <p>53 currently operating from rented building= 53* Rs.950,000.0= Rs 5035,0000.0 Rent for 27 newly sanctioned + 53 new HSCs in priority blocks= 80* Rs.500.0*12 months=Rs.4080,000.0</p> <p>Furniture for sub-centers 64+27+50 * 10,000=Rs.1410000.0</p> <p>(One time payment for 2 chairs, one table, one almirah, one bench)</p>



	<p>SE, Building Division, for review of ongoing constructions for IPHS norms</p> <p>INTERIM ARRANGEMENT Meeting local bodies to identify temporary building for newly approved 27 HSCs + 53 HSCs working from rented building</p>	
<p>Human Resources</p>		
<p>Situation analysis: All 141HSCs have one regular and one contractual ANM posted at the Sub centre. The contracts of the contractual ANMs need to be renewed on a yearly basis. Contractual ANMs have been posted for 27 newly sanctioned HSCs The posts of regular ANMs need to be sanctioned and appointed for the 27 newly sanctioned HSCs</p>		
<p>Strategies</p>	<p>Activities</p>	<p>Budget</p>
<p>Renewing the contracts of the ANMs on contract Appointment of regular and contractual ANMs for the newly sanctioned HSCs</p>	<p>Appointment of ANMs for new HSCs Submission of proposal for the appointment of regular and contractual ANMs for the newly sanctioned HSCs Holding interviews and issuing appointment letters</p>	<p>Salaries for contractual ANMs 64+ 27 + 50= 141*Rs.8000.0*12= Rs.13536000</p> <p>Salaries for regular ANMs (from treasury route) 64+ 27 + 50= 141*Rs.8000.0*12= Rs.13536000</p>
<p>Equipment</p>		
<p>Situation analysis: Most HSCs do not have equipment as per the IPHS norms</p>		
<p>Strategies</p>	<p>Activities</p>	<p>Budget</p>
<p>Assessing the equipment needs of all currently sanctioned HSCs and identifying equipment requiring repair and equipment that needs to be requisitioned Acquiring permission from the state government to appoint district level agency for repair and maintenance. Ensuring timely supply of the equipment</p>	<p>Identifying a local repairing agency Training for the ANM and other health staff at the HSC in handling the equipment and conducting minor repairs. Setting up of a district level equipment replacement unit Procurement of equipment as per need.</p>	<p>For currently functional HSCs 64* Rs.2000.0*2 (half yearly) = Rs.256000.0</p> <p>For new HSCs 27+50 = 67*Rs10,000.0= Rs.6,70,000.0</p>



Ensuring timely repair of the equipment by the local agency		
Ensuring quick replacement of non functional equipment		
Drugs		
Situation analysis: Most HSCs do not have the drugs required as per IPHS norms		
Strategies	Activities	Budget
Ensuring timely replenishment of essential drugs prescribed under IPHS standards	Weekly reporting of the drugs status: availability, requirement, expiry status	General purchase 64+ 27 + 50= 141*Rs.1000.0*4 (quarterly)=Rs5,64,000.0
Ensuring management of adverse drug reactions	Setting up a block level drug replacement unit	
Ensuring proper storage of the drugs.	Utilization of untied funds for purchase of essential drugs locally	Local purchase (if stock is limited at district level) 64+ 27 + 50= 141*Rs.500.0*4 (quarterly)= Rs.2,82,000.0
	Providing basic training for management of drug reactions.	
Untied Funds		
Situation analysis: Some HSCs do not have received any untied funds because of problems in the opening of bank accounts		
Strategies	Activities	Budget
Ensuring that HSCs receive untied funds.	Opening Bank Accounts Ensuring timely release of funds to HSCs	64+ 27 + 50= 141*Rs.10,000.0 = Rs.1410000.0



2. Additional Primary Health Centres

Objectives:

1. To ensure that Arwal has 100% of functional APHCs as required by population norms
2. To upgrade all APHCs as per PHC level IPHS norms and to name all APHCs as PHCs
3. To operate 25% of APHCs on a 24*7 basis

Infrastructure		
<p>Situation analysis: As per the norm of 1 APHC (now termed as PHC) for every 30,000 population, Arwal requires a total of 36 APHCs (PHCs), of these 26 APHCs already exist and are functional. A total of 26 new APHCs (PHCs) are required which have been proposed. Of the existing 26 APHCs, 10 working in Government buildings, 16 in rented buildings, Buildings for 8 APHCs are currently under construction. We are making a plan for new building of 12 APHC..</p>		
Strategies	Activities	Budget
<p>26 APHCs to be newly established should be set up to meet the PHC level IPHS norms. Of these 8 are proposed to be constructed in this year and 10 operationalised. The overlap is to enable initiation of services while ensuring the requisite construction of infrastructure.</p> <p>Prioritising the setting up of APHCs Construction of buildings for the existing 16 APHCs working in rented buildings or without any building as per PHC level IPHS norms ensuring the availability of labour room facilities, maternity wards and toilets.</p> <p>We are making a plan for new building of 12 APHC.</p> <p>Ensuring running water supply and drinking water supply in all existing APHCs</p> <p>Ensuring power supply and power back up for all existing APHCs</p> <p>Building residential facilities for doctors and other staff at 36 APHCs</p>	<p>Construction of buildings for existing & proposed APHCs</p> <p>Meeting with CO to identify available land for setting up the priority APHCs (PHCs) in the selected villages</p> <p>Follow up the responses to the advertisement given by Bihar Govt for donation of land for setting up of APHCs HSCs.</p> <p>Village meetings to identify accessible locations for setting up of APHCs</p> <p>Finding locations for new APHCs on the basis of hard to reach areas and population. Distance between two facilities should also be considered.</p> <p>Requesting state government to revise the rent rates for APHC (PHC) building and make the grant for payment of the rent.</p> <p>Ensuring construction of APHC (PHC) building as per IPHS norm along with residence for MOs, ANM and other health staff.</p> <p>Ensuring power supply to all APHCs</p> <p>Ensuring running water supply for 8 APHCs, since constructions for 8 are this year.</p>	<p>For construction (including MO and staff quarters) Current APHCs without Govt Building: 16 + New APHCs to be constructed = 26</p> <p>16 + 26*Rs.1,500,000.0= Rs.64500,000.0</p> <p>For rent (including MO and staff quarters) 26 existing APHCs + 10 new APHCs*Rs.2000.0*12 = Rs.864,000.0</p> <p>For Electrification Rs.100,000.0</p> <p>For power backup 36 APHCs* Rs65.0/hr* 8hrs/day*20 days/month*12 months=Rs.44,92,800.0</p> <p>For running water supply 9 APHCs*Rs.200,000.0/unit= Rs.18,000,000.0</p>



Human Resources		
<p>Situation Analysis: While posts of 2 MOs have been sanctioned for 26 APHCs, only 7 APHCs function with 1 doctors in position while 19 APHCs have no any doctor posted to current time. Blocks such as Arwal, Karpi, Kurtha ,Kaler &Bansi do not have doctors in position in either all or more than 35% of APHCs.</p> <p>All 26 APHCs have 2 Grade A Staff Nurse positions sanctioned and but only 16 APHC have Grade A Staff Nurses in position. Laboratory technicians are sanctioned in all APHCs but in position are 02 . Pharmacists are sanctioned in all APHCs but in position in 02 are posted. Accountants are in position is 25 in all APHC.10 peon are in position in APHC.2 sweeper are in position at APHC.</p>		
Strategies	Activities	Budget
<p>Doctors Rationalization of doctors across block facilities to ensure filling of basic minimum positions If any APHC (PHCs) after rationalization is in need of more doctors then additional doctors can be deputed from PHC to run at least one day OPD. This should be considered as an interim arrangement. Filling vacancies by hiring doctors on contract or appointing regular doctors</p> <p>Grade A Nurses</p> <ul style="list-style-type: none"> • Renewal of contract of Nurses for 3 years based on performance • Filling 9 vacancies • Recruitment of Nurses for newly established 35 APHCs <p>ANMs</p> <ul style="list-style-type: none"> • Filling 13 ANM vacancies • Recruitment of two ANMs for each of the newly established 35 APHCs <p>MPWs</p> <ul style="list-style-type: none"> • Appointment of 2 MPWs (M/F) for all 74 APHCs <p>Laboratory technicians</p> <ul style="list-style-type: none"> • Filling up of vacancies of Laboratory technicians in all APHCs (PHCs) <p>Pharmacists</p> <ul style="list-style-type: none"> • Filling up of vacancies of Pharmacists in all APHCs (PHCs) <p>Accountant</p> <ul style="list-style-type: none"> • Filling up of vacancies of Accountants 	<p>For Rationalization of Doctors across facilities Reviewing current postings Preparing a rationalization plan Introducing rationalization plan in DHS meeting agenda to consider and approve the rationalization plan</p> <p>Additional charge as interim arrangement Preparation of the roster for deputation of Doctors at the APHC (PHC) where no doctor is available. Informing community about the 1 day per week OPD services at APHCs (PHCs) Hiring of vehicles for the movement of doctors for fixed OPD days.</p> <p>Filling vacancies</p> <ul style="list-style-type: none"> • Requisition to state health department for recruitment of permanent doctor and requisition to State Health Society for hiring of contractual doctors. • Requisition to state health department for recruitment of permanent nurses and requisition to State Health Society for hiring of contractual nurses. • Appointment of 2 MPWs (M/F) at each APHC • Hiring Laboratory technicians and pharmacists (permanent positions) • Hiring of clerks/accountants <p>Contract Renewal</p> <ul style="list-style-type: none"> • Renewal of contract of Grade A staff nurses for the next three years based on performance. 	<p>Medical Officers $26+10*2=72$ MOs 72 MOs*Rs.30,000.0*12 months= Rs.25920000.0</p> <p>Nurse $26+10*2=72$ Nurses 72 Nurses*Rs.12,000.0*12 months=10368000.0</p> <p>MPWs (M/F) $26+10*2=72$ MPWs 72 MPWs* Rs.7,000.0*12 months=60,48,000.0</p> <p>ANMs $26+10*2=72$ 72 ANMs*Rs.8000.0*12 months = Rs.6912000.0</p> <p>Lab tech $26+10= 36*2$ 72 LabTech*Rs.7,000.0* 12 months=Rs60,48,000.0</p> <p>Pharmacist $26+10= 36$ 36 Pharms*Rs.7,000.0* 12 months=Rs3024,000.0</p> <p>Accountant $26+10 = 36 =$ Rs.3456,000.00</p>



Equipment		
Situation Analysis: Most APHCs do not have all equipment as per IPHS norms		
Strategies	Activities	Budget
A detailed assessment of the status of functional equipment in all APHCs as per IPHS norms Rational fulfilling of the equipment required Repair/replacement of the damaged equipment	Monthly reporting of the equipment status, functional/non-functional Purchase of essential equipment locally by utilizing the funds or through RKS funds Identification of a local repair shop for minor repairs Training of health worker for handling of the equipment.	Existing APHCs 26 APHCs*Rs.5,000.0*4 quarters=Rs5,20,000.0 Operationalizing 10 APHCs 10 APHCs*Rs20,000.0=Rs200,000.0
Drugs		
Situation Analysis: Most APHCs do not have a regular supply of drugs and do not have all drugs as per IPHS norms		
Strategies	Activities	Budget
<ul style="list-style-type: none"> Ensuring timely replenishment of essential drugs prescribed under IPHS standards Ensuring management of adverse drug reactions Ensuring proper storage of the drugs 	<ul style="list-style-type: none"> Block level drug replacement unit by providing fortnightly status of the drug availability/expiry in the store Utilization of RKS funds for purchase of essential drugs locally Providing basic training for management of drug reactions for health workers mainly Staff Nurse and refresher course for Doctors Separate provision of drugs mainly for camps. Rationalizing the collection of user fees on drugs and utilization of these funds for purchase of essential/emergency drugs Utilization of PMGY funds allotted for drugs purchase at the local level. 	Existing APHCs 26 APHCs* Rs.5000.0*4 quarters= Rs.520000 Operationalisation of 10 APHCs 10 APHCs* Rs.30,000.0=300000.
Untied funds		
Situation Analysis: Currently since APHCs have not been upgraded to PHC level they do not receive any untied funds		
Strategies	Activities	Budget
<ul style="list-style-type: none"> Ensuring that all APHCs receive untied funds as per the NRHM guidelines 	<ul style="list-style-type: none"> Ensuring that all APHCs receive untied funds as per the NRHM guidelines 	36 APHCs*Rs.25,000.0* = Rs.900000.0
Operating 25% of APHCs on a 24*7 basis		
Strategies	Activities	Budget



<ul style="list-style-type: none"> • Operationlising 10 APHCs which have their own building on a 24*7 basis and upgrading them to the PHC level. • Upgradation of infrastructure as per PHC level IPHS norms • Ensuring continuous power supply and power back up in these 9 APHCs. • Hiring Ambulance services for these 10 APHCs. • Outsourcing housekeeping and canteen services for these 10 APHCs (PHCs). • Sanctioning the post of an additional Staff Nurse at these 10 APHCs taking the total number of Staff Nurses posted at each APHC to 3. • Filling vacancies of Staff Nurses and ANMs in APHCs (PHCs) on a priority basis. Relieving ANMs posted at these APHCs of outreach duties including Routine Immunisation and weekly meeting at PHC level. • Rationalisation of doctors to APHCs of these blocks on a priority basis. • Filling vacancies of doctors of these APHCs on a priority basis • Appointment of Laboratory Technicians, Pharmacists, Accountant and MPWS (M/F) in these 17 APHCs on a priority basis 	<p>For Upgradation of Infrastructure</p> <ul style="list-style-type: none"> • Meeting of DHS to plan upgradation of existing 9 APHCs which have their own building. • Request to Building division to review, prepare layout, plan and make overall budget for upgradation of 9 APHCs (PHCs as per IPHS norms) with their own building <p>For power supply Ensuring power supply (PHCs) Ensuring power back up by hiring a generator</p> <p>For Ambulance services</p> <ul style="list-style-type: none"> • Hiring ambulance services provided by an appropriate NGO <p>For outsourcing housekeeping & canteen services</p> <ul style="list-style-type: none"> • Issuing a call for tenders for housekeeping services • Selection and awarding contract • Canteen services to be provided by local SHGs • Selection of SHGs through a call for proposals and selection of lowest bidder <p>Filling Vacancies</p> <ul style="list-style-type: none"> • Requisition to state health department for recruitment of permanent doctor and requisition to State Health Society for hiring of contractual doctors. • Requisition to state health department for recruitment of permanent Grade A and requisition to State Health Society for hiring of contractual Grade A nurses. • Submission of proposal for appointment of 2 MPWs (M/F) at each APHC • Appointing Laboratory technicians and pharmacists (permanent positions) • Submission of proposal for appointment of clerks/accountants • Holding interviews and issuing appointment letters 	<p>Upgradation of infrastructure 9 APHCs * Rs.700,000.0= Rs.63,00,000.0</p> <p>Setting up Pathological labs 9 APHCs *Rs150,000.0= Rs.1350000.0</p> <p>Power back up 9 APHCs* Rs.65.0/hr*24hr*30days*12 months=Rs.5054400.0</p> <p>Ambulance 9 APHCs* Rs.15,000.0/month*12 month=Rs.1620000.0</p> <p>Electrification 9 APHCs*Rs.100,000.0= Rs.900,000.0</p> <p>Water supply 9 APHCs*Rs200,000.0 =Rs.1800,000.0</p> <p>Canteen funds- 9 APHCs*Rs.60per person*15 people*30days*12months= Rs.5,508,000.00</p> <p>Housekeeping Funds- 17*Rs.7000=Rs.119,000.00</p> <p>Human Resources 9 Staff Nurses for 24*7 APHCs *Rs.7,500.0*12 months=Rs.810000.0</p>
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3. Primary Health Centres

Objectives

1. To ensure that 100 % of the PHCs are functional with full staff strength, functional Operation Theatres, Labour Rooms, Wards and Laboratory services, adequate equipment and drugs
2. To establish CHCs, providing services of First Referral Unit (FRU) and SDH accessible within 20-25 kms for all blocks of Arwal as per IPHS norms.
3. Fully operationalise newly set up SDH at Arwal as FRU.

Infrastructure		
<p>Situation analysis: Arwal has 5 PHCs in its 5 blocks whereas 1 PHCs are under construction in the 2 newly created blocks of Kaler & Sonbhadra Bansi Suryapur. Each PHC currently has 6 beds.. Sonbhadra Bansi Suryapur currently have facilities given to RCH and OPD services.</p> <p>All 5 existing PHCs operated out of their 4 PHC have own building PHC .and Sonbhadra Bansi Suryapur Presentally functioning in APHC Building to be Upgraded PHCs have functional OTs and 4 have functional labour rooms. The condition of the OT and labour rooms needs to be improved in nearly all of the PHCs.</p>		
Strategies	Activities	Budget
<ul style="list-style-type: none"> • Fully operationalise newly constructed PHCs –2 To phase out PHCs from blocks which already have a 4 PHCs to ensure basic facilities especially functional labour rooms and OTs – Arwal, Karpi & Kurtha • Ensuring running water supply and drinking water supply in all PHCs • Ensuring power supply and power back up for all PHCs • To Provide Mobile Phone To BHM & Accountant. 	<p>Fully operationalising 2 new PHCs</p> <ul style="list-style-type: none"> • To commission the Kaler & Sonbhadra Bansi Suryapur PHCs fully equipped and staffed by November 2010. <p>Phasing out PHCs from blocks with Referral facilities</p> <ul style="list-style-type: none"> • Placing a proposal for phasing out of PHCs to District Health Society • Sending proposal approved by DHS to State Health Society for approval. <p>Strengthening existing PHCs to ensure that 75% of PHCs are fully functional</p> <ul style="list-style-type: none"> • Setting up of fully functional Labour rooms and OTs in All PHC in the District. <p>Ensuring running water supply</p> <ul style="list-style-type: none"> • Requesting PHED to prepare a budget for provision of running water supply in the All PHC's. <p>Ensuring power supply and power back up</p> <ul style="list-style-type: none"> • Hiring of generators for all PHCs 	<p>Labour room 5 PHCs* Rs.700,000.0= Rs.3,500,000.0</p> <p>OT with complete infrastructure 5 PHCs* Rs.1,000,000.0= Rs.5,000,000.0</p> <p>Setting up Pathological Laboratories 5 PHCs* Rs150,000.0= Rs.7500,000.0</p> <p>Separate M/F Toilets 5 PHCs* Rs.200,000.0= Rs.10,00000.0</p> <p>Power back up 5 PHCs*Rs.125/hr*24 hrs*30 days*12 months= Rs.54,00000.0</p> <p>Water supply 5 PHCs * Rs.200,000.0= Rs.1000,000.0</p> <p>Building Maintenance fund 5PHCs*Rs100,000.0= Rs.500,000.0</p> <p>Mobile Phone for BHM & Accountant 5PHC *10000*5BHM+5Accountant=100000=00</p> <p>Mobile Bill 2000/permonth*5 BHM+5Accountant *12month=240000.00</p>



Human Resources		
<p>Situation Analysis: All PHCs are expected to have a team of 6-7 doctors. Currently all PHCs Grade A nurses have not been sanctioned of the PHCs All 5 PHC have sanctioned the post. ANM, Staff Nurse, LHV, Compounder, BHM, Accountant & Clerk.</p>		
Strategies	Activities	Budget
<ul style="list-style-type: none"> Rationalization of doctors across APHCs, and PHCs Operationalized All Account by the joint Signature of BHM & Accountant. Filling vacancies of doctors by hiring doctors on contract/appointment of regular doctors – 5 PHCs would need 5 Doctors each – Medicine, Surgery, Paediatrician, Gynecologist and Anaesthetist Sanction and appointment /hiring of 5 Staff Nurses for all PHCs Sanction and appointment/hiring of 2 ANMs for all PHCs Filling vacancies of Pharmacists, Dressers, Laboratory Technicians and Storekeeper Sanction and appointment of an OT Assistant in all PHCs Appointed 2 BHM and 1 Accountant for PHC. 	<p>For Rationalization of Doctors across facilities</p> <ul style="list-style-type: none"> Reviewing current postings Preparing a rationalization plan Meeting to DHS to consider and approve the rationalization plan Presently All PHC Accounts operated by the M.O./c. In this financial year we assured to Joint account operated by the BHM & Accountant. <p>Filling Vacancies</p> <ul style="list-style-type: none"> Requisition to state health department for recruitment of permanent doctor and requisition to state health society for hiring of contractual doctors. Appointed to BHM and Accountant in the PHC against Vacanat Post of those. Requisition to state health department for recruitment of permanent Grade A nurse and requisition to state health society for hiring of contractual Grade A nurses. Appointment of Laboratory technicians, pharmacists, dressers and Store keepers (permanent positions) Submission of proposal for sanction and appointment of an OT Assistant in all 16 PHCs Holding interviews and issuing appointment letters 	<p>Doctors 5 Doctors*5 PHCs* Rs.25,000.0*12 months= Rs.75,00000.0</p> <p>Block Health Manager 5 BHM*18000*12=180000</p> <p>Accountants- 5 Accountants*Rs.16000*12= Rs,960000.00</p> <p>Grade A Staff nurse 5 Staff Nurses * 5 PHCs* Rs.12000*12 months= Rs.36,00000</p> <p>ANMs 2 ANMs* 5 PHCs*Rs.8000.0*12 months=Rs 9,60000.0</p> <p>Pharmacist 5 Pharmacists* Rs.7,000.0*12 months= Rs.420000.0</p> <p>Lab tech 12 Lab tech*Rs7,000.0*12 months= Rs.1,008,000.0</p> <p>OT assistants 5 OT Assistants* Rs.7,000.0* 12 months= Rs.1,008,000.0</p>
Equipment		
<p>Situation Analysis: Most PHCs do not have equipment as per IPHS norms</p>		
Strategies	Activities	Budget
<ul style="list-style-type: none"> A detailed assessment of the status of functional equipment in all PHCs as per IPHS norms Rational fulfillment of the equipment required Repair/replacement of the damaged equipment 	<ul style="list-style-type: none"> Monthly reporting of the equipment status, functional/non-functional Purchase of essential equipment locally by utilizing the funds or through RKS funds Identification of a local repair shop for minor repairs Training of health worker for handling the equipment and minor repair. 	<p>Existing PHCs 5 PHCs* Rs.5000.0*4 quarters= Rs.100000.0</p> <p>Operationalizing 2 PHCs= PHCs*20,000= Rs.40,000.0</p>



Drugs		
Situation Analysis: Most PHCs do not have a regular supply of drugs and do not have all the drugs as per IPHS norms		
Strategies	Activities	Budget
<ol style="list-style-type: none"> 1. Ensuring timely replenishment of essential drugs prescribed under IPHS standards 2. Ensuring management of adverse drug reactions 3. Ensuring proper storage of the drugs 	<ol style="list-style-type: none"> 1. Block level drug replacement unit by providing fortnightly status of the drug availability/expiry in the store 2. Utilization of RKS funds for purchase of essential drugs locally 3. Providing basic training for management of drug reactions for health workers mainly Staff Nurse and refresher course for Doctors 4. Separate provision of drugs mainly for camps. 5. Rationalizing the collection of user fees on drugs and utilization of these funds for purchase of essential/emergency drugs 6. Utilization of PMGY funds allotted for drugs purchase at the local level. 	Existing PHCs 5 PHCs*Rs.10,000.0*4 quarterly= Rs.200000.0
Rogi Kalyan Samiti and Untied Funds		
Situation Analysis: Rogi Kalyan Samitis have been established in 5 PHCs and while RKS funds are being utilized in nearly 70% of the PHCs, fund flows and submission of utilization certificates is not regular. Untied funds have been received only by 4 PHCs of which 4 PHCs have utilized the funds. Only Sonbhadra Bansi Suryapur PHC have not Registered because fund not released under RKS.		
Strategies	Activities	Budget
<ul style="list-style-type: none"> • Ensure that RKS is registered to Sonbhadrarra Bansi Suryapur in this month. • Ensure UCs are sent regularly. • Utilisation of RKS funds to pay for outsourced services • Rks Account signaturey must to be BHM & Accountant to improve the NRHM goals. 	<ul style="list-style-type: none"> • Training of RKS office bearers on documentation of meetings as well as of the potential of the RKS • Training of block level accountants in preparation of the utilization certificates • Monthly review meeting of block level accountants by District Accounts Manager to strengthen the documentation process • Developing a check list for review 	5 PHCs*Rs.100,000.0= Rs.5,00,000.0
Facility level services (Ambulance, Diagnostic services, Canteen and Housekeeping)		
Situation Analysis: Ambulance services are known to be available at 4 out of 5 PHCs. The PHCs which do not have these services include Sonbhadra Bansi Suryapur which are under construction . Of these 4 PHCs, ambulance services have been outsourced . X-Ray services are not available at most PHCs where they have been outsourced. Canteen services are available in only 1 PHCs of which are outsourced. Housekeeping services are available by outsourced in 5 PHC		

<p>Ambulance To ensure that ambulance services are made available at Arwal, Karpi, Kurtha & Kaler PHC functioning by outsourced Ensuring that 70% of ambulance service utilization is by BPL families</p> <p>X-Ray Services</p> <ul style="list-style-type: none"> To ensure that X-ray services are available at all PHCs To increase the utilization of X-ray services by BPL patients. <p>Canteen</p> <ul style="list-style-type: none"> To ensure that canteen services are available at all PHCs To ensure that the food provided is nutritious <p>Housekeeping</p> <ul style="list-style-type: none"> To ensure that housekeeping services are available at all PHCs 	<p>Ambulance</p> <ul style="list-style-type: none"> To review the existing ambulance services by the following indicators: <ul style="list-style-type: none"> % of BPL mothers who availed of ambulance services of the BPL mothers who came for institutional deliveries % of BPL patients (including mothers) who availed of ambulance services from total patients who availed of ambulance services % of emergency cases who availed of ambulance services Average time taken for emergency patient to be brought to hospital by ambulance To renew contracts of ambulance service providers based on review To strengthen district run ambulance services To create awareness about the ambulance services at the community level through local radio, newspapers, wall paintings and for remote areas through the ASHA, AWWs and ANMs ASHA helpdesk to take feedback from each patient on the timeliness of the ambulance service and the user fees collected To use RKS funds for the running costs of government run ambulance services <p>X-Ray Services</p> <ul style="list-style-type: none"> To identify X-Ray service providers for all PHCs with appropriate qualifications and equipment To review the services being provided every quarter on the basis of % of exemptions for BPL patients <p>Canteen services</p> <ul style="list-style-type: none"> To identify canteen service providers for each PHC based on nutritional quality and cost <p>Housekeeping services</p> <p>To identify providers for housekeeping services for all PHCs being provided every quarter on the basis of % of exemptions for BPL patients</p> <p>Canteen services</p> <p>To identify canteen service providers for each PHC based on nutritional quality and cost</p> <p>Housekeeping services</p> <p>To identify providers for housekeeping services for all PHCs</p>	<p>Ambulance 5 PHCs* 2 Ambulances*Rs.15,000/month* 12 months= Rs.1800000.0</p> <p>Canteen – 5 PHCs*Rs60 per person*15 people*30days*12 months=Rs.16,20,000.00</p> <p>Housekeeping- 5 PHCs*10,000*12 month =600000</p>
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	<p>being provided every quarter on the basis of % of exemptions for BPL patients</p> <p>Canteen services To identify canteen service providers for each PHC based on nutritional quality and cost</p> <p>Housekeeping services To identify providers for housekeeping services for all PHCs</p>	
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Establishing CHCs providing services of First Referral Unit (FRU)

Situation Analysis: Arwal currently has a 6 bedded PHC at Arwal, Karpi, Kurtha, Kaler & Sonbhadra Bansi Suryapur. There are 2 coming up at Karpi & Kurtha block to being a CHC . Each block is expected to have its own First Referral Unit in the form of a CHC, in the short term it is important for a referral facility to be accessible within 20-25 kms for every block in Arwal. It is therefore proposed to set up 5 CHCs in the plan year. The break up is as follows- 2 to be upgraded From PHC to CHCs- Karpi and Kurtha.

Strategies	Activities	Budget
<ul style="list-style-type: none"> Upgrading referral hospitals at Arwal as a fully functional CHC following IPHS norms. To phase out PHCs from blocks which do not have a Referral Hospital and/or Sub-divisional Hospital so that there is no overlap of facilities providing the same level and nature of services – at Arwal, Karpi, Kurtha. Ensuring the construction of CHC as per IPHS norms with 30 bedded ward, OT, Labour Room, X-ray and Laboratory facility Ensuring staffing as per CHC IPHS norms (MD/MS – General Medicine, General Surgery, Paediatrician, Obstetrician/Gynaecologist, Anaesthetist, Eye Surgeon; 7 	<p>Upgrading referral hospitals to CHCs as per IPHS norms</p> <ul style="list-style-type: none"> Assessing the infrastructure of All PHC for CHC level IPHS norms and identifying gaps Requisition to address gaps <p>For upgrading Kurtha & Karpi PHCs as per CHC level IPHS norms</p> <p>For Construction</p> <ul style="list-style-type: none"> Requisitioning land where needed for construction. Meeting with CO to scope the availability of land. Requesting allotment for construction of CHCs to State Health Society Ensuring construction of CHC building as per IPHS norms along with quarters for doctors and other staff. <p>Filling Vacancies</p>	<p>Upgrading referral hospital to CHC (infra + equipment) 2 Referral*Rs.5,000,000.0 = Rs.10,000,000.0</p> <p>Upgrading PHCs to CHC (infra + equipment) 2 PHCs*Rs.15,000,000.0 =Rs.30,000,000.0</p> <p>Doctors 6 Doctors*5 CHCs* Rs.25,000.0*12 months= Rs.9,000,000.0</p> <p>Staff nurse 7 Staff Nurses*5 CHCs* Rs.12,000.0 *12 months= Rs.504,0000.08</p> <p>ANM</p>

<p>Staff Nurses + 1 PHN and 1 ANM; 1 Pharmacist; 1 Dresser; 1 Lab Technician; 1 Radiographer; 2 ward boys; 10 support staff including 1 OT attendant + 1 OPD attendant + 1 Data Entry Operator)</p> <ul style="list-style-type: none"> Obtaining the services of Anaesthetists on contractual and on-call basis for all Referral Hospitals and Sub-Divisional Hospitals Setting up a Blood Storage Facility at all Referral Hospitals and Sub-Divisional Hospitals Preparing effective outsourcing plan for the 7 referral facilities for X-ray and other diagnostic and pathological services A detailed assessment of equipment as per CHC level IPHS norms of All PHC Ensuring that all 5 CHCs are equipped as per CHC level IPHS norms Ensuring timely replenishment of essential drugs prescribed under IPHS standards Ensuring management of adverse drug reactions Ensuring proper storage of the drugs 	<ul style="list-style-type: none"> Ensuring the posting of 4 specialists – Medicine, Surgery, Paediatrician and Gynaecologist at each of the 5 CHCs Contract with private anaesthetists to provide services on call basis to the 5 CHCs Submission of proposal for hiring of 7 Staff Nurses and 2 ANMs each for the All CHCs. Submission of proposal for sanction of posts filling 3 vacancies in Pharmacist and Dresser positions in both CHCs Submission of proposal for sanction of 3 additional posts for Grade A Staff Nurses for 2CHC and 7 posts for Arwal hospital Submission of proposal for sanctioning the post of 1 more ANM at the all PHCs Filling vacancies of 1 Laboratory Technician for all PHC Sanctioning 1 position for Pharmacist/ Dresser at all PHC Hiring of a storekeeper for All PHC <p>Drugs</p> <ul style="list-style-type: none"> Setting up drug replacement units at each of the 5 PHCs for the block and for the PHC Reporting on a fortnightly status of the drug availability/expiry in the store Utilization of RKS funds for purchase of essential drugs locally Providing basic training for management of drug reactions for health workers mainly Staff Nurse and refresher course for Doctors Rationalizing the collection of user fees on drugs and utilization of these funds for purchase of essential/emergency drugs Utilization of PMGY funds 	<p>2 ANMs* 5 CHCs* Rs.8,000.0*12 months=960000</p> <p>Lab tech 5 Lab techs* Rs.7,000.0*12 months= Rs.420,000.0</p> <p>Pharmacist 5 Pharmacists* Rs.7000.0*12 months= Rs.420,000.0</p> <p>Dresser 5 Dresser*Rs.7,000.0*12 months= Rs.420,000.0</p> <p>Radiographer 5 Radiographers* Rs.7,000.0*12months= Rs.420,000.0</p> <p>Social worker/counsellors- 10 counsellors*Rs.7000*12 months=Rs.16,80,000.00</p> <p>Accountant- 5 accountants*Rs.8,000*12 months=Rs.480,000.00</p> <p>Support Staff 10 Staff* 5 CHCs* Rs4000.0*12months= Rs.2,400,000.0</p> <p>Drugs 5 CHCs *Rs.100,000.0= Rs.500,000.0</p> <p>Blood storage 5 CHCs* Rs.100,000.0= Rs.500,000.0</p> <p>Pathological services 5 CHCs* Rs.300,000.0= Rs.1,500,000.0</p> <p>Ambulance 2 Ambulances* 5 CHCs</p>
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	<p>allotted for drugs purchase at the local level.</p> <p>Equipment</p> <ul style="list-style-type: none"> • Monthly reporting of the equipment status, functional/non-functional • Purchase of essential equipment locally by utilizing the funds or through RKS funds • Identification of a local repair shop for minor repairs • Training of health workers for handling the equipment and minor repair. <p>Services</p> <ul style="list-style-type: none"> • Setting up a blood storage facility at each of the 5 CHCs • Setting up a fully functional pathology lab at each of the 5 CHCs • Developing an outsourcing plan for X-ray services, housekeeping, canteen and ambulance services • Setting up of maternity ward in all CHCs • Setting up an ASHA helpdesk to provide support to patients referred by ASHAs and for BPL patients • Setting up an ASHA room with a toilet to enable ASHAs to stay with mothers whom they have escorted for 48 hours <p>Rogi Kalyan Samiti</p> <ul style="list-style-type: none"> • Registering a Rogi Kalyan Samiti for each of the 5 CHCs • Ensuring that seed money is received • Training of office bearers on documentation (minutes and accounts) 	<p>Rs15,000/month*12months= Rs.1,800,000.0</p> <p>Maintenance fund- Rs.200,000.0*5=Rs.1,000,000.0</p> <p>Canteen Services= 5 CHC*Rs.60 Per person*60 persons*30*12=Rs.6,480,000.00,</p> <p>Housekeeping- 5 CHC*12,000Rs.*12months= Rs.720,000.00</p> <p>Rogi Kalyan Samitis 5 CHCs* Rs.100,000.0= Rs.500,000.0</p>
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Reproductive and Child Health

Maternal and Neonatal health

Objectives

- Ensuring 100% registration of pregnant women for ANC
- Increase in the percentage of pregnant women registered in the first trimester from 47% to 90%
- Increase in the percentage of pregnant women with full ANC from 30% to 60%
- Ensuring that 80% of pregnant women receive 2 TT injections.
- Ensuring that 80% of pregnant women consume 100 IFA tablets
- Increase in skilled attendance during delivery from 55% to 80%
- Increase in institutional delivery from 40% to 90%
- Increase in the percentage of mothers receiving postnatal care within 48hrs of delivery from 24% to 90%
- Increase in percentage of neonates breastfed within 1 hour of birth from 53% to 90%
- Ensuring colostrum feeding of 80% of neonates
- Ensuring that all newborns are weighed within 48 hrs of birth
- Facility and community based management of sick newborns and low birth weight babies

Ante-natal Care			
<p>Situation Analysis: For Arwal as2007, percentage of pregnant women registered for ANC is only 37%. Mothers who receive at least 3 ANC visits during the last pregnancy is 35%, percentage of mothers who got at least one TT injection in their last pregnancy is 42%. Percentage of mothers who were motivated by ASHA for ante natal care is 5.8%.</p>			
Strategies	Activities	Budget	Remarks
<ul style="list-style-type: none"> • Increasing early registration through counseling of eligible couples by ASHAs and ANMs and distribution of home based pregnancy kits • Case management of pregnant women to ensure that they receive all relevant services by 	<ul style="list-style-type: none"> • Training of ASHAs for counseling of eligible couples for early registration and the use of the home based pregnancy kit • Regular updating of the ANC register. • Preparation of the due list with the dates for Ante Natal Checkups for every pregnant woman in the Sub centre area. • Preparing format for the due list in Hindi. • Training ASHAs and AWWs to fill out and update due list and ANC schedule list for 	<p>Handbills Printing 5000 Handbills @ Rs 500 for 141 HSCs =70500.0</p> <p>Pregnancy kits 773ASHAs*Rs30/pr egnancy kit*10 kits*4 quarters= Rs.879600.00</p>	<p>Campaigning for registration for ANC along with immunisation budget</p> <p>Monthly Mahila Mandal days budgeted in immunisation section</p> <p>ANC (SBA) trainings for ANM. For details refer to training section.</p> <p>The handbill would include information on ANC days, immunisation days, breast feeding practices, RTI/STI counseling days, Family Planning, RCH camps days at APHC level.</p>

<p>ASHAs and ANMs</p> <ul style="list-style-type: none"> • Creating awareness about maternal health through Mahila Mandal day • Providing ANC along with immunisation services on immunisation days • Strengthening ANC services at the Sub centre level by ensuring availability of appropriate infrastructure, equipment and supplies • Ensuring quality ANC through appropriate training of the ANM • Effective monitoring and support to HSCs for ANC by APHC. • Setting up of referral transport system at every APHC level. 	<p>every pregnant woman in their work area.</p> <ul style="list-style-type: none"> • Organizing Antenatal checkups on immunisation days. • ASHAs and AWWs to coordinate with ANM to provide Antenatal care according to the ANC schedule maintained in the register for every expectant mother. ASHAs and AWWs to track left outs and drop outs before every ANC & immunisation day and ensure their participation for the coming day. • Organizing Mahila Mandal day to share information and create awareness about maternal and child health on every third Friday of the month at each AWC. • Wide publicity of Mahila Mandal day. • Training to ANMs to provide complete Ante natal care and identify high risk pregnancies. • Strengthening of Sub centre in terms of equipment to conduct ANC services. (refer to health facilities section) • Ensuring regular supply of IFA tablets at each Sub centre level. (refer to health facilities section) • Setting up Helpline with Ambulance at every PHC (APHC). (refer to health facilities section) 		
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Natal, neo-natal and postnatal care

Situation Analysis: Percentage of institutional deliveries in Arwal district is medium at 58%. Deliveries at PHC assisted by doctors or another skilled attendant such as a nurse/LHV/ANM is even lower at 42% whereas only 52% of mothers received postnatal care within 48 hours of delivery for their last child. Factors leading to the low rates of assisted and institutional deliveries include a shortage of Sub centres, poor infrastructure and skills at the Sub centre level and an almost exclusive focus of the Sub centre on immunization activities. Similarly, APHCs suffer from severe shortages in labour rooms and medical officers, though staff nurses have recently been appointed. There are currently no APHCs providing 24*7 services and no ambulance services available at the APHC level. Also, because of lack of appropriate infrastructure most mothers are not able to stay for the required 48 hrs at the facility. At the PHC level the District faces a shortage of Gynecologists and Paediatricians. 2 PHCs in the district – Kaler & sonbhadra Bansi suryapur do not have fully functional labour rooms and almost no PHC has blood storage facilities. There is also a need of appointing lady doctors at APHC, PHC,CHC and above. In addition, breastfeeding practices need to be improved. According to DLHS 3, only 52% infants were fed within one hour of birth which is institutional Delivery. While 36% children were exclusively breastfed for 6 months and only 30% of neonates received a check up within 24 hours after delivery. There are almost no facilities for the management of sick newborns. Infant mortality rate for Arwal is reported to be 52% as per 2001 census data which, although down from 20% in 1991 is still quite high.

Furthermore, there are have been problems in the implementation of the Janani and Bal Suraksha Yojana (JBSY) launched to increase the utilization of ANC, assisted deliveries and postnatal care and immunisation services with delays in payments.

Strategies	Activities	Budget
<p>Strengthening 33% of APHCs to provide 24*7 services</p> <p>Strengthening 33% of APHCs to provide institutional delivery care.</p> <p>Strengthening 12 of 26 APHCs to provide institutional delivery care</p> <p>Setting up 5 PHCs to provide Emergency and Comprehensive Obstetric Care</p> <p>Ensuring that ambulance services are available for transportation to APHCs and referral to PHCs and CHCs</p> <p>Developing a pool of skilled births attendants for each block.</p> <p>IMNCI Training for ASHAs and ANMs</p> <p>Improving accessibility of</p>	<p>Strengthening facilities for institutional deliveries (please see facilities section)</p> <p>Ensuring availability of fully functional and equipped labour rooms, maternal wards, ambulance services and blood storage facilities</p> <p>Equipping 24*7 APHCs and PHCs to provide minimum 24 hours post delivery stay to mothers and newborns by setting up maternity and neonatal wards</p> <p>Equipping CHCs, SDH and DH to enable 48 hrs of post delivery stay for mothers and newborns by setting up maternity and neonatal wards</p> <p>Ensuring availability of required medical officers, nurses and ANMs at all facilities</p> <p>Appointment of Paediatricians and Gynaecologists at every PHC and CHC</p> <p>Regular stocks of PPH controlling drugs.</p> <p>Ambulance services</p> <p>Identifying ambulance service providers for 26 APHCs, 5 PHCs, signing contracts for services</p>	<p>Mobile phones</p> <p>124 ANMs*Rs2000/mobile phone instrument=Rs248,000.0</p> <p>Monthly mobile bills</p> <p>124 ANMs*Rs600/month* 12months=Rs.892800.0</p> <p>Facility level phones</p> <p>5 M.O./C office +5 RKS office=10 Facilities*Rs1000/phone =Rs.10,000.0</p> <p>Landline bills</p> <p>10 Facilities *Rs500/month*12 months= Rs.60,000.0</p> <p>Telephone directory of SBAs for ASHAs</p> <p>Rs.20,000.0</p>



<p>skilled birth attendants to communities</p> <p>Creating community level awareness on the importance of assisted and institutional deliveries through ASHAs</p> <p>Counseling of mothers and families for early initiation of breastfeeding, colostrum feeding and exclusive breastfeeding for 6 months by ASHAs</p> <p>Weighing of all newborns by ASHAs and AWWs at the community level within 48 hours</p> <p>Ensuring timely payment of JBSY funds to mothers and ASHAs</p> <p>Setting up a Sick Newborn Care Unit at the District Hospital</p> <p>Ensuring telephone connectivity between all facilities providing institutional delivery care</p>	<p>Focus on increasing exemption to BPL patients in the utilisation of ambulance services</p> <p>Developing a pool of Skilled Birth Attendants for each block</p> <p>Regular rounds of SBA training for ANMs, LHVs and Nurses.(see training section)</p> <p>ASHAs to have the names and numbers of skilled birth attendants for every block</p> <p>Extending the Helpline 102 to enable calling for skilled birth attendants during deliveries</p> <p>Accessibility of skilled birth attendants</p> <p>Providing mobile phones to ANMs at Sub centre to enable them to be available for assistance during delivery at the community level</p> <p>IMNCI Training for all ASHAs and ANMs</p> <p>IMNCI training for all ASHAs and ANMs</p> <p>EmOC Training</p> <p>EmOC training for all MOs and Grade A Nurses at PHCs and CHCs</p> <p>Improving communication between facilities providing institutional delivery services</p> <p>Ensuring that 26 APHCs, 5 PHCs are connected through functional phone lines</p> <p>JBSY</p> <p>Creating a JBSY card which combines the services in the MCH card along with info on JBSY payments</p> <p>Streamlining JBSY money from district to PHC to provide timely payment to beneficiaries and ASHAs.</p> <p>Support ASHAs to open accounts in the bank.</p> <p>Explore the options of direct money transfer to ASHAs' accounts.</p> <p>Counseling and support to new mothers for initiation of the breast feeding after one hour of delivery, colostrum feeding and post natal care within 48 hrs.</p> <p>ASHAs to visit newborn baby in first 48 hours to ensure exclusive breast feeding and counsel the families about newborn care and postnatal</p>	<p>Printing JBSY cards Rs.100,000.0</p> <p>JBSY payments Rural: Rs2,000/beneficiary *20,000 deliveries estimated= Rs.40000,000.0</p>
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	<p>care. ANM, MAMTA and staff at facility to provide counseling and support for exclusive breast feeding. Each mother to receive a post natal check up before discharge Postnatal follow up by ASHAs and ANMs at the village level Sick Newborn Care Unit Setting up a Sick Newborn Care Unit at the District Hospital</p>	
Other services	<p>Weekly RTI/STI clinics to be held at all PHCs with OBG visits during these days Monthly RCH camps at distant villages, Doctors and OBG specialists Deputing health workers MOs, SNs/ANMs from PHC, three other staff. Procurement of drugs from the district drug house following the requisition of separate drugs for 12 camps.</p>	<p>One OBG contracting in daily basis @ Rs.500.0 * 4 days*12 months *12 PHCs = Rs.288,000.0</p> <p>Two OBG/pediatrician contracting in per camp @ Rs.1000.0 * 12 camps * 64 APHCs= Rs.1,536,000.0</p> <p>Cost of each camp @ Rs 5000*12 months*64 APHCs = Rs.3,840,000.0</p> <p>Drugs for each camp @ Rs 2000*12 months*64 APHCs = Rs.1,536,000.0</p>

Infant Health

Objectives

- Ensuring that 50% of children (0-6 months old) are exclusively breastfed
- Increase in percentage of children (12-23 months) fully immunised (BCG, 3 doses of DPT, Polio and Measles) from 50% to 70%
- Ensuring initiation of complementary feeding at 6 months for 50% of children
- Increasing the percentage of children with diarrhoea who received ORS from 43% to 70%
- Increasing the percentage of children with ARI/fever who received treatment from 77% to 100%
- Ensuring monthly health checkups of all children (0-6 months) at AWC



Ensuring that all severely malnourished children are admitted, receive medical attention, and are nutritionally rehabilitated.

Nutrition		
Situation Analysis: Ensuring exclusive breastfeeding and timely initiation of complementary feeding is critical for appropriate child development		
Strategies	Activities	Budget
<p>Counseling mothers and families to provide exclusive breastfeeding in the first 6 months</p> <p>Convergence with WCD Department for implementation of Rajiv Gandhi Creche Scheme at NREGA worksites and other places where land labourer work is done in this District to enable exclusive breastfeeding and child care by women workers</p> <p>Identification of severely undernourished children (Grade III & Grade IV) through monthly health checkups at AWC.</p> <p>Setting up a Nutrition Rehabilitation Centre at PHC level.</p>	<p>Meeting with WCD officials to review the status of implementation of the Rajiv Gandhi Creche scheme</p> <p>Training by Health Department of crèche workers on nutrition and child care</p> <p>Organising health checkups at AWC for children in the 0-6 year age group on the 2nd Monday of every month</p> <p>Referral of severely undernourished sick children to Nutrition Rehabilitation Centre (NRCs)</p> <p>Setting up 10 bedded NRCs at PHC Arwal</p> <p>Providing food and wage loss support for one parent of every child admitted to enable the child to stay at the NRC for the required period of time</p>	<p>Creche worker training 70 batches*Rs10,000/batch= Rs.700,000.0</p> <p>NRC setting up 1 PHC*Rs.30,000.0= Rs.30,000.0</p> <p>NRC Staff 3 Staff Nurses*Rs.7500/month*12 months*3 PHC= Rs.270000.0</p> <p>Kitchen equipment 1 PHC*5,000.0= Rs 5,000.0</p> <p>Kitchen expenses(including salary of cook) 1 PHC12,000.0/month* 12months= Rs.144000.0</p> <p>Wage loss compensation 1 PHC*900per day*30days* 12 months=Rs.324000</p>
Health Services		
Situation Analysis: Only 43% children with diarrhoea received ORS whereas 23% of children with acute respiratory infection/ fever did not receive any medical attention		
Strategies	Activities	Budget
<p>Promotion of health seeking behaviour for sick children through BCC campaigns.</p> <p>BCC for pregnant women and mothers regarding feeding practices, immunisation, and other aspects of child care.</p> <p>Capacity building of ASHA, AWW and ANM for the management of common childhood diseases and identification of serious cases for referral.</p>	<p>Training of ANM and AWW for IMNCI</p> <p>Training ASHAs to refer sick child to facility in case of serious illness.</p> <p>ASHAs equipped to provide ORS to children with diarrhea and suggest referral in case of emergency.</p> <p>Regular stock up of ASHA drug kits.</p> <p>Providing weighing machines to every AWC to ensure monthly weighing</p> <p>ASHAs to support AWWs in monthly weighing</p>	<p>IMNCI training (pls refer to training section for details)</p> <p>ASHA Drug Kit 773 ASHAs*Rs1246/kit= Rs.963158.00</p> <p>Weighing machine 589 AWWs*Rs.1000/machine= Rs.589000.00</p>

Health Services – Immunisation

Situation Analysis: According to DLHS 3, percentage of children (12-23 months) fully immunised (BCG, 3 doses each of DPT, Polio and Measles) is only 50.0%. The immunisation coverage has increased from 43.4 which was DLHS 2 figure, however much improvement is still required. As per DLHS 3, percentage of children who received BCG vaccine is 88.5%, percentage of children who received 3 doses of polio vaccination is 62.4%, children who receive 3 doses of DPT is 62.8%, and children who receive measles vaccine is 71.9%. Children who received at least one dose of vitamin A is 63.9% while those who received three doses of Vitamin A is 22.8. The District currently faces a shortage of skilled vaccinators.

Muskhani EK Abhiyan: Immunization of all pregnant women for T.T. and children up to one year (full immunization)

All 589 AWCs are to be covered under this programme at least once a month. 64+27 HSCs are to be covered under this programme on all Wednesdays observed as immunisation day. APHCs will also provide immunisation services on Wednesday and all days in PHCs. Incentives are provided under this programme for AWW, ANM and ASHA when 90 per cent immunisation is achieved. The programme involves organizing Mahila Mandal camps at the AWCs.

95%ANMs in the district are proficient in administering the vaccines. Skills level of ANMs is high. Routine immunisation training has not been taking place on a regular basis. 453 participants need to be trained in Routine Immunisation in batches of 30.

The District has also not received vaccine funds from April 2008. Arwal gets vaccines from WIC, Aurangabad. The District have a vaccine van which needs to be repaired. DPT and needle supply is not timely in last month of 2008. The maintenance and repair of cold chain equipment is not being done properly by the company currently appointed. The District also needs to adopt better waste management practices for the disposal of syringe and needles.

Funds for Printing of RI formats are under utilised.

Strategies	Activities	Budget
<ul style="list-style-type: none"> Improving availability of skilled vaccinators. Increasing utilisation of immunisation services through awareness generation by ASHAs and AWWs. Ensuring continued tracking of pregnant women and children for full immunisation Establishing sound monitoring mechanism to review and guide the progress Improving availability and maintaining quality of cold chain equipment Improving timely supply of the vaccines Timely supply of DPT and 	<ul style="list-style-type: none"> Organising regular routine immunisation training for ANM and AWW and IPC/IEC/BCC trainings for ASHA and AWWs. Organising immunisation camps at every Sub centre level on every Wednesday and at the AWCs on every Saturday. Regular house to house visits for registration of pregnant women for ANC and children for immunisation Developing tour plan schedule of ANM with the help of BHM and MOIC. Timely payment to MOICs to arrange transportation of vaccines from district hospital to PHCs. 	<p>Incentives for AWWs 580 AWWs @ Rs.200.0*12 months = Rs.1392000.0</p> <p>Incentives for ANMs 580 (AWC visit by ANM) @ Rs 150.0*12 months = Rs.1044000.0</p> <p>Incentives for ASHAs 773 Asha @ Rs 200.0*12 months = Rs.1855200.0</p> <p>Mahila Mandal Meetings 580 (Mahila mandals) @ Rs.250.0*12 months = Rs.1740000.0</p> <p>Health workers (couriers) 127*50*105 days= 666750.00</p> <p>One supervisor/3 team for seven days @ 100/person/day = Rs 77,700.0</p> <p>Alternative vaccinators Rs</p>



<p>syringes.</p> <ul style="list-style-type: none"> • Discussion with the state to acquire power of issuing maintenance and repair contract for cold chain equipment from district. • Adopting safe disposal policies for needles and syringes 	<ul style="list-style-type: none"> • Regular disbursement of funds from the DIO to MOs for providing incentives to ANMs • Regular disbursement of funds for ANMs to provide incentives to AWWs and ASHA workers • Providing per diem for health workers, mobilisers, supervisors and vaccinators and alternative vaccinators • Maintaining the disbursement records • Visits by MOIC, CDPO, BHM, LHV and health educator to monitor the progress of immunisation schedule and prepare report. • Ensuring the unrestricted movement of the monitoring team with fuel for vehicle and funds for hiring of the vehicle. • Maintaining continuous power supply at PHC level for maintaining the cold chain. • Applying for acquisition of ILR and deep freezer for the 3 PHCs which do not have Deep Freezer at present • Applying to State Health society for the funding for new Vaccine van to get timely stock of vaccines for the districts. • Timely and regular requests from district to state as well as blocks to district to replenish the supply of DPT and syringe. • Rationalisation of courier rates and making request to the SHS for increased funding for courier in order to ensure timely supply of vaccines to sub centres. • Reviewing the contract of currently responsible for repair and maintenance. • Submitting a proposal to the state health society to acquire power of issuing maintenance and repair contract for cold chain equipment from district. • Procure stock of hub cutters for all the PHCs for safe disposal of needles and syringe. 	<p>100/person/day = Rs 4900</p> <p>Supervision 1 vehicle 2 teams 4 days * Rs 650/day = Rs 4,34,200.0</p> <p>Contingencies Rs 1750/block and Rs 3000/district = Rs 31,000.0</p> <p>Training Honorarium and TA for participants @ Rs 250 for two days = Rs.113,250.0</p> <p>Honorarium for trainers @ Rs. 600 for two days training = Rs. 27,000.0</p> <p>Contingency Rs.100/day = Rs.90,600.0</p> <p>Budget for print material included with the hand bill in the section of maternal health.</p>
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Vitamin A Supplementation Programme-

The programme faces lack of skilled manpower for implementation of program. There is also shortage of drugs and RCH kits. The shortages put constraints on ensuring first dose of Vitamin-A along with the measles vaccination at 9 months. There are also problems for procurement of Vitamin-A bottles by the district for biannual rounds. The reporting mechanism of the district need to be improved. There is lack of coordination among health & ICDS workers for report returns & MIS. The district also needs a joint monitoring & supervision plans with ICDS department.

Strategies	Activities	Budget
<p>Updation of Urban and Rural site micro –plan before each round.</p> <p>Improving inter-sectional coordination to improve coverage.</p> <p>Capacity building of service provider and supervisors.</p> <p>Bridging gaps in drug supplies.</p> <p>Urban Planning for Identification of Urban sites and urban stakeholders.</p> <p>Human resource planning for Universal coverage.</p> <p>Intensifying IEC activities for Community mobilization.</p> <p>Strengthening existing MIS system and incorporating 9 doses of Vitamin-A in existing reporting structure.</p> <p>Strong monitoring and supervision in Urban areas.</p>	<p>Orientation , stationary, data compilation, validation and updating</p> <p>Constituting district level task force and holding regular meetings</p> <p>Organising meeting of block coordinators</p> <p>Training and capacity building of service providers.</p> <p>Strategy planning meetings, orientation of stakeholders, resource planning and site management for urban centre and orientation of urban supervisors.</p> <p>Ensuring availability of immunisation cards</p> <p>Procurement of Vit A Syrup</p>	<p>Orientation of 5 PHCs *1000=Rs.5,000.00</p> <p>Constituting district level task force- 1*5000=Rs.5000.00</p> <p>Training of 5 PHCs*Rs1500= Rs.7500.00</p> <p>5 centres*Rs.5000=Rs.25,000.00</p> <p>Strategy planning workshops- Rs. 7500.00</p> <p>Honorarium to ASHAs and AWWs- 750 health workers*100= Rs.75000.00</p> <p>Honorarium to supervisors- Rs.7000.00</p> <p>Immunisation cards- Rs.120,000.00</p> <p>Procurement of Vit A Syrup- Rs.463,424.00</p> <p>Hiring vehicle for campaigns – Rs.36,000.00</p> <p>IEC/ BCC activities- Rs.60,000.00</p> <p>Vehicle support for monitoring- Rs.72,000.00</p>



Family planning

Objective

- Fulfilling unmet need of 35% for family planning services at the community level
- Increasing the use of any modern method of family planning from 35% to 50%
- Increasing male sterilisation rates from 0.5% to 2%
- Increasing the utilization of condoms as the preferred choice of contraception from 2.7% to 8%.

Situation Analysis: The utilisation of any method of contraception has increased a bare 2 percentage points in the district over the past five years whereas the utilisation of modern methods has increased from 28% to 35%. Of this, nearly 30% is contributed by female sterilization. Male sterilization is low at 0.5%. Other spacing methods are equally low with the use of IUD at a mere 0.6%, oral contraceptive pills at 1.8% and condoms at 2.7%.

A significant unmet need for family planning services has been recorded at 37% which importantly comprises of 13% need for spacing and 24% for limiting methods.

Strategies	Activities	Budget
IEC/BCC at community level with the help of ASHAs, AWW Addressing complications and failures of family planning operations Training male peer educators to increase awareness amongst men about the importance of contraception and the ease of spacing methods ASHAs to have a stock of contraceptives for distribution	<p>Spacing methods Selecting and training male peer educators (1 for every 500 persons) in 5 blocks to counsel men for the adoption of spacing methods Interpersonal counseling of eligible couples on family planning choices by ASHAs and male peer educators</p> <p>Limiting methods Family planning day at all health facilities every month. ANM and ASHA to report complications and failure cases at community to facility. Quick facility level action to address complications and failures. Streamlining compensation channels Streamlining incentives for MOs</p> <p>Abortion services MTP services to be provided at all PHCs.</p> <p>Training Training of MOs for conducting tubectomy and vasectomies procedures using Laproscopy Training of MOs for providing MTP services Training of ANMs on encouraging reproductive choices and the features of different methods Training of ASHAs on family planning choices, contraceptives and behavior change communication</p>	<p>Training of Male Peer Educators 40 batches (25 educators in each batch trained for 3 days)*Rs3000.0/batch=Rs.120,000.0</p> <p>Incentives For 400 NSVs @ Rs 1500 = Rs.600000.0 For 5000 tubectomies @ Rs 1000= Rs.5,000,000.0</p> <p>For 10,000 IUD insertions @ Rs 20 per case= Rs.200,000.0</p>



Adolescent Reproductive & Sexual Health

Objectives

Reducing the percentage of births to women during age 15-19 years from 96% to 85%

Reducing anaemia levels in adolescent girls and boys

Situation analysis: Nearly 96% of births are to women in the age group of 15-19 years. This is a very vulnerable age group deserving of special attention and support.

Strategies	Activities	Budget
Providing life skills education to married and unmarried adolescent girls by ASHAs and AWWs Treating anemia among adolescent girls and boys.	Training of ASHAs and AWWs on providing life skills education to adolescent girls Screening of all adolescents especially girls for anemia during the monthly health checkups of children at AWC on the 2 nd Monday of every month Screening of all adolescents for RTIs and STIs Providing IFA supplementation to adolescents Counselling of adolescent girls by ASHAs	RTI/STI Screening budget included in the RCH camp Anaemia Screening 589 AWCs*Rs500.0*12month = Rs.3534000.0 IFA supplements Rs.100,000.0 Incentive to ASHA for counselling of Adolescent Girl@ Rs.100 per counselling day 773*100*12 =927600

School Health Programme

Situation Analysis: There are about 800 government middle schools where the camps are conducted. Till date 175 camps have been completed, covering 175 schools. The services provided include refraction, general check up, and distribution of medicines.

Strategy	Activity	Budget
<ul style="list-style-type: none"> Continuing the school health programme Initiation of School Health Programmes in Primary/high school Ensuring proper referral and follow-up of students 	<ul style="list-style-type: none"> Requisition to be sent to the state health society for expanding the school health programme to primary and high school of government schools. School Health programmes to be conducted through partnership with NGOs Requisition to state for providing spectacles for refractive corrections Providing referral cards for the needy children to the nearest PHC Providing an award for the 'Healthiest' school in the block 	<ol style="list-style-type: none"> For 800 schools @ Rs 3000 per camp =Rs.24,00000.0 Rs 10,000 per block for healthy school award *5 blocks =50,000.0



National Vector Borne Disease Control Programmes

National Leprosy Elimination programme

Objective

To reduce the leprosy disease prevalence rate to <1

Situation analysis:

Currently disease prevalence rate per 10,000 population is 1.38

Disease detection rate per 10,000 population is 1.95

Number of cases under treatment is 120

New patients registered – 143

Percentage of children in new cases – 18.88

Percentage of deformity – 1.39

Percentage of SCs in new cases – 4.47

Percentage of ST in new cases – 0.0

Total treated patients treated from April'08 to Dec'08 – 167

Infrastructure: The district has an upgraded district leprosy office, leprosy control units Arwal to be modified leprosy control unit at Arwal, leprosy training centre.

Human Resources: No MOs are in position in Leprosy Division because leprosy division not functioning in District due to unavailability of Sadar Hospital in the District. only 4 or 5 non-medical assistants are in position and one incharge DLO are present in the District.

Strategy	Activity	Budget
To Enhancing the leprocy Division team work by appointing Mo. and other staff in the District. Enhancing the case detection rate Strengthening of all health facilities for case detection Creating awareness among the community about the disease Strengthening health facilities for management of deformity cases Separate pediatric ward for treating of children at the Arwal leprosy unit Fillingvacant posts Ensuring continued training	Improving case detection House to house visits for tracing cases of Leprosy, by health workers (BHWs, ASHA, ANM) Detected cases are to be taken to hospital for proper counseling, by professional counselors The cases detected are to be monitored and followed up by health workers, mainly by BHWs/ASHA to detect deformity. IEC/BCC to create awareness Awareness creation among community by having hoardings, phamphlet, advertisements in the news papers. Sensitization of AWW School quiz contest Awareness in the community through Gram- Goshti. Organizing 2 Health camps in each block. Rally to create awareness Awareness in urban areas Strengthening Facilities Increasing availability of fuel, vehicle, stationary and medicine at facility level	Hoardings Rs.420,000.0 Handbills Rs.35,000.0 AWW Sensitisation 25 batches*Rs.4500/batch= Rs.112500.0 School Quiz Rs.1250,000.0 Gram Goshtis Rs.140,000.0 Health Camps Rs.140,000.0 Rally Rs.84,000.0 Awareness in Urban areas Rs.100,000.0 Strengthening facilities Fuel + vehicle=Rs.90,000.0 Stationary=Rs.40,000.0 Medicine=Rs.20,000.0 Patient welfare=Rs. 15,000.0



	<p>Human Resources Walk-in interview for filling of all required staff at the district level as well as PHC level. Continued training for all health workers Training of all health workers specifically in counseling patients and the family about the disease Contracting of services that are essential for management of cases Contracting of a consoler at least at the PHC level.</p>	
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Revised National Tuberculosis Control Programme (RNTCP)

Situation analysis: The RNTCP is mainly to control the spread and treatment of Tuberculosis. Under this programme, sputum is collected from suspected cases and cases are referred to nearest the center by health workers. Annualised total case detection rate is 63% with 631 patents put on treatment.

Infrastructure:
8 MCs are present and 20 are required . 2 MCs are already built but need manpower to function.. Construction of DMCs is required in newly function PHC is most urgent.

Human resources
589Aww and 773 Asha workers added as Community Volunteers. Which is sufficient no. for DOT Providers. Budget is available from last years plan for hiring contractual services of STS, STLS, TBHV, DEO, Part time accountant and contractual LTs.

Equipment
An inverter is needed as well as procurement of laboratory materials as per guidelines

Strategy	Activity	Budget
<ul style="list-style-type: none"> Ensuring timely construction of DMCs and DTCs. Create awareness among the community Ensuring early case detection and prompt treatment Bridging the gap between NGOs and government health facilities and officials thereby creating a synergistic effect on overall process of awareness. Building network with private practitioners to widen the reach of TB services. IEC/ BCC activities to create awareness 	<ul style="list-style-type: none"> Upgradation of one TU Upgradation of 5 MCs Strengthening TB labs The newly constructed facility to be made functional. Identifying laboratories for early detection of suspected cases at the block level Educating community through ASHA/ANM and NGOs about identifying the cases with chronic cough with sputum. Identifying the press for printing of information materials and displaying them in the community. Requisition for revising the honorarium amount to be 	<p>Upgradation of TUs Rs.35,000.0</p> <p>Upgradation of 5 MCs Rs.150,000.0</p> <p>Purchase of Lab materials Rs.250,000.0</p> <p>NGO networking Rs.150,000.0</p> <p>Building network with private practitioners Rs.125,000.0</p> <p>Publicity Campaign Rs.119,500.0</p> <p>Outreach activities Rs.30,000.0</p> <p>School awareness activities Rs.40,000.0</p> <p>Community meeting</p>

<ul style="list-style-type: none"> • Ensuring adequate supply of equipment and materials • Ensuring filling of vacant posts • Ensuring timely training of all newly recruited staff 	<p>proposed to DHS</p> <ul style="list-style-type: none"> • Networking with the old and new NGOs by having regular meetings at the district level • Establishing a network of private practitioners for reporting/referring of suspected cases. • Undertaking a publicity campaign to create awareness with the use of publicity materials such as banners, hoardings and handbills and printing of publicity poster • Outreach activities such as patient interaction meeting and community meetings • Organising awareness activities in schools • Organising community level sensitisation meetings to create opinion leaders • Organising world TB day • Maintenance of equipments • Other miscellaneous expenses • Requisition for state level procurement agency to establish a district level units • Vehicle maintenance • Vehicle hiring • Advertising for filling vacant posts • Filling vacancies for STS, STLS, TBHV, DEO, part time accountant and contractual LTs. • Honorarium to health workers at per 250 per patients. 	<p>Rs.9,600.0 World TB day Rs.10,000.0 Maintenance of equipment Rs.30,000.0 Misc expenses Rs.418,500.0 Vehicle Maintenance Rs.250,000.0 Vehicle Hiring Rs.336,000.0 Human resources Rs.700,000.0</p>
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Malaria, Kala Azar and Filaria-

Kala Azar

Situation Analysis - Cases are reported only from Arwal PHC, making these as endemic areas. There are around 4 villages affected in 1 blocks and 1 PHC areas fall under the zone. Surveillance has been less effective in detecting the exact burden of the epidemic. Cases that needed hospitalisation were provided service and remuneration as per GoB Kala Azar programme (i.e., Rs 50 per pt., food for 30 days qid). The challenge for the district has been poor follow up. Control measures for Kala-Azar like spraying of DDT in hot spots has been minimal due to inadequate manpower. Population to be covered: 151916 – therefore spraying has to be done fortnightly during the month of May-June.

DDT & Spraying Equipment to be needed:

DDT (50%) – 16.8 MT

DDT (50%) – 9.2 MT (available)

Knapsack required 48

Oil sprayer measure – 24

Hand Measure – 24

Nozzle Tips – 192 pics

High pressure leather washer – 384 pics

Hand Pumps – 48

Mosquito Bed Net

Human resources required- At present only 13 BHW are present in the district against the total requirement of 19. District also needs 2 Malaria inspectors. DMO has responsibility of one more district than Arwal. There is need to increase human resources available for DDT spraying. District needs **25 teams** each comprising of **7 persons** in order to successfully complete spraying task.

Strategy	Activity	Budget
<ul style="list-style-type: none"> Ensuring early diagnosis and prompt treatment Ensuring active surveillance in the villages Creating awareness about prevention of Kala Azar and GoB schemes. Ensuring prompt prevention and control of the spread of Vector Ensuring adequate quantity of DDT at all PHCs/APHCs Ensuring adequate supply of Mosquito bed nets Ensure filling of vacant BHW and MI posts in the A priority PHCs Revising the wages for DDT spraying team 	<ul style="list-style-type: none"> House to house visits for tracing cases of Kala Azar, by health workers (BHWs, ASHA, ANM) Collection of reports from local private practitioners and laboratories in the village Adequate stock of essential drugs, like Amphotericin B at PHCs. follow-up of all the cases discharged from the Hospitals for 3months and test with RK 39 for PKDL cases. The follow-up to be done by BHWs/BHI Identifying the pockets in the village and the spraying DDT in these places. Announcement in the villages about the days of active spraying of DDT inside the houses and village along with advice about preparing the house for spraying of DDT. 	<p>Office expenditure- Rs. 3600.00</p> <p>Contingency Fund-Rs. 3600.00</p> <p>Transportation of DDT- Rs. 12,000.00</p> <p>IEC Van - IEC van @ 750 per PHC per day for 60 days= Rs.360,000.00</p> <p>Training to BHW- Rs. 3000.00</p> <p>Wages- SFW @ Rs.86 per day of spray worker= Rs.123,840.00 + FW@70 Rs per day Rs. 50400= Rs. 627,840.00</p>



	<ul style="list-style-type: none"> • Local announcement about the prevention of Kala Azar in the village and the benefits offered by GoB at the nearest health facility • Following the DDT spraying schedule as mentioned in action plan. • Autonomy and funds for local purchase of DDT and other • Procurement of requisite materials • Basic training of health workers (BHWs) in spraying and mixing of DDT. • Autonomy and funds for purchase of mosquito bed nets locally • Training to BHWs for treating the bed nets with chemical solution • Contractual appointment of BHWs and MIs • Discussing with DHS for revising the wages for the team for spraying DDT. • Training of local people for spraying DDT in case of non-availability of manpower. 	
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Malaria Control Programme

Situation Analysis: District faces lack of laboratory technicians and facilities at the APHC/PHC level. This has proved to be a hurdle in prompt diagnosis of the cases. All BHW, BHI, ANM are responsible for collecting the BS of the suspected cases. The exact burden of disease in Arwal is not known as reports from private sector is not collected or not reported. The BCC activities in the district are also limited. There is also shortage of mosquito bed nets but anti-malarial drugs are in abundant.

Strategy	Activities	Budget
<ul style="list-style-type: none"> • Ensuring registration of all private laboratories • Filling-up of all vacant posts • Enhancing BCC activities • Ensuring adequate supply of mosquito bed nets 	<p>Meeting with DM for issuing an order for all old and new laboratories to register with DHS.</p> <p>Following their registration, they would be expected to report all the disease specific cases to the DHS.</p> <p>All HWs would also be then requested to collect the reports.</p> <p>Training of all health workers in BCC.</p> <p>Supply of bed nets as per Malaria</p>	<p>Health workers- 50 additional health workers for spraying DDT on daily basis @Rs 200 * 30 days= Rs.300,000.00</p>



Filaria Control Programme-

Situation Analysis- Similar to Malaria and Kala Azar, lack of laboratory technicians and facilities at the APHC/PHC level continues to pose a challenge for an effective filarial control programme in the district. In case of Filaria specifically the exact burden of disease is not known because reports from the private sector are not collected or not reported. BCC activities in the district are limited. There is a shortage of chemically treated bed nets. Mass Drug Administration has been carried out in the population where cases have been detected.

Strategy	Activities	Budget
Early diagnosis and prompt treatment Ensuring registration of all private laboratories Filling all vacant posts Enhancing BCC activities Ensuring adequate supply of mosquito bed nets Ensuring adequate supply of drugs	House to house visits for tracing cases of Filariasis, by health workers (BHWs, ASHA, ANM) Collection of reports from local private practitioners and laboratories in the village Meeting with DM for issuing an order for all old and new laboratories to register with DHS. Following their registration, they would be expected to report all the disease specific cases to the DHS. All HWs would also be then requested to collect the reports. Training of all health workers in BCC. Supply of bed nets as per Kala-Azar District level procurement of drugs for MDA, with funds from respective department.	Health workers- 20 Additional workers on daily basis @ Rs 200 * 30 days= Rs.120,000.00 Publicity campaign- Rs.30,000.00 Handbills and hoardings for BCC and IEC campaign – Rs. 50,000.00

National Blindness Control Programme

Strategy	Activities	Budget
Prompt case detection Ensuring proper treatment	Screening of all children in the schools Including Optometrists in Mobile medical units visits to camps in villages. Fortnightly visit by optometrist optometrician to health sub-centres and weekly visit to APHCs	Optometric- 10 Optometrics *Rs.4000= Rs.480,000.00. Distribution of spectacles- 5,000spectacles* Rs.200 per spectacle=Rs.10,00,000.00



	Procurement of Instrument for IOL Operation Distribution of spectacles from the health facilities Conducting in-hospital minor surgeries for cataract. Conducting surgeries in the NGO run hospitals and follow-up Distribution of spectacles for BPL population undergoing surgery in private sector.	
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Community Participation

Goal: to ensure that communities lead and determine health change

Objectives

To ensure that the ASHA programme is fully operationalised with ASHAs representing community requirements in the implementation of health programmes and being an active link for the community to the health system

To ensure that Village Health and Sanitation Committees (VHSCs) are established across the district
 To establish a vibrant support structure for ASHAs and VHSCs across the district through selection and training of District Resource Persons and ASHA trainers.

To strengthen the capacity of the ASHA coordinates the ASHA programme.

ASHA		
Selection		
<p>Situation analysis: The target of arwal district is 773, Out of a total target 773 ASHAs for the District, already have been selected. The number of ASHAs to be selected has been determined on the basis of older population estimates. Given that the current estimate of district rural population is 709888, the total number of ASHAs required at the norm of 1 for every 1000 population is 773 ASHAs need to be further selected. 2nd, 3rd and 4th round /2, 3 & 4th module training is being done.</p>		
Strategies	Activities	Budget
<ul style="list-style-type: none"> Sanction of 14 to 20 additional ASHAs according to growth rate of Population. Facilitate selection through a community process focused on creating 	<ul style="list-style-type: none"> Submission of proposal for the sanction and selection of 14 to 20 additional ASHAs Development of an IEC campaign on the role of the ASHA using print and folk media by Block Health 	<p>Selection Rs100/visit for ASHA selection* 3 visits/ASHA * 20 ASHAs=Rs.6000.0 Selection meetings Rs. 250/meeting/ ASHA* 20 ASHAs=Rs.5000.0</p>



<p>awareness about the role of the ASHA as a community mobiliser and activist and her positioning as a representative of the community.</p> <ul style="list-style-type: none"> Community based review of existing ASHAs for performance and replacement of non-functional ASHAs. Partnership with local, active voluntary organizations with a background in community health work in the community based selection and review process 	<p>Educators</p> <ul style="list-style-type: none"> Building partnerships with NGOs for conducting an IEC campaign on the ASHA programme Monitoring of the IEC Campaign by Block Health Educators Determining the community based selection and review process for ASHAs by DHS. Partnership with NGOs for implementing the community based selection and review process Monitoring of NGO partnership for community based selection and review of ASHAs by Block Health Educators. 	<p>Review Rs 100/visit for review meetings* 2 visits/ASHA*669 ASHAs=Rs.133,800.0</p> <p>Review meetings Rs 250/meeting/ASHA* 773 ASHAs= Rs.193250.0</p> <p>Campaign for ASHA 335 Villages* Rs200/Kalajatha event= Rs. 67000.0</p> <p>Monitoring of selection and review process 12 visits/block*5 blocks*Rs200/visit= Rs.12000.0</p>
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Training

Situation Analysis: Out of 773, 645 ASHAs have received only the first round of training. 2nd, 3rd and 4th round /2, 3 & 4th module training is being done.

Strategies	Activities	Budget
<ul style="list-style-type: none"> Conducting 12 days of camp based training for all ASHAs Conducting 30 days of field based training for 30% of ASHAs in the district. 	<ul style="list-style-type: none"> Selection of trainers (8 trainers per block, 1 per 20 ASHAs. A total of 40 trainers) Development of training modules for training of trainers (TOT) and ASHAs. Identification of 26 member team (2 /block) as District Resource Persons from the trainers who have received training at the state level as well as others. Developing a training calendar for training 669 ASHAs in training phases of 125 ASHAs each Training of Trainers: (2 batches of approx 20 trainers each to be trained for 7 days. Trainings can be organized parallelly for two batches.) 	<p>Camp Based trainings</p> <p>Training of trainers expenses 40 Trainers*7 days*Rs.100/day for food and travel= Rs28000.0</p> <p>Prep of TOT modules 40 Trainers* Rs.300/module= Rs.12000.0</p> <p>ASHA training expenses</p> <p>Travel expense 773 ASHAs*Rs 100/training* 4 trainings= Rs.309200.0</p> <p>Age loss 773 ASHAs*Rs100/day*12 days= Rs 927600.0</p>



	<ul style="list-style-type: none"> • Conducting camp based training at the APHC level. (for each block, training of 5 batches of ASHAs, each consisting 30 ASHAs will be conducted. This training will be conducted in total 4 rounds, each of the duration of 3 days. The entire training will spread across 5 months. There will be a one month gap between two rounds for every batch). Four trainers will be training for one batch. Block can conduct trainings of two batches simultaneously. • Phase 2 to be started by the 3rd month of Phase 1 and Phase 3 to be started by the 3rd month of Phase 2. • ASHAs trained in the 1st phase are expected to receive 30 days of field based training through the ASHA trainers. • Training review by Master trainers and hands on support to ASHA trainers during ASHA training • Review of and support to field based training provided by ASHA trainers • Continuous capacity building of ASHA trainers through cluster, block and district level monthly meetings 	<p>Food +Stay= 773 ASHAs*Rs.70/day*12 days= Rs.649320.0</p> <p>ASHA training modules 773 ASHAs *Rs 300=Rs.231900.0</p> <p>District Resource Person's honorarium= 5 DRPs* Rs150/day*300 days= Rs.225000.0</p> <p>ASHA trainers honorarium 40 ATs*Rs.100/day* 300days= Rs.1200000</p>
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Supportive Supervision		
Strategies	Activities	Budget
<ul style="list-style-type: none"> • ASHA trainers as supportive supervisors of the ASHA • Regular meetings of ASHAs and their trainers to review activities and provide support 	<ul style="list-style-type: none"> • Monthly cluster level meetings of ASHAs, ANMs, AWWs, VHSC members and ASHA trainers • Monthly block level trainer's meeting • Monthly district level trainer's meeting • Development of simple monitoring formats to be filled out by ASHA trainers, and District Resource Persons to review the functionality of the 	<p>Block level trainer meeting Rs 625/meeting*12 meetings* 5 blocks=Rs.37500.0</p> <p>District level trainer's meeting Rs.500*12 meetings= Rs.7500.0</p> <p>Printing of monitoring formats =Rs.6225.0</p> <p>ASHA Mela</p>



	<p>programme</p> <ul style="list-style-type: none"> Organising an ASHA mela every year at the District level to create a sense of solidarity and support amongst ASHAs ASHA Helpline to be managed by the ASHA helpdesks Selecting active ASHAs with leadership qualities to be ASHA trainers 	Rs.125,000.0
Incentive		
Strategies	Activities	Budget
Timely release of monetary incentives to ASHAs Instituting social incentives for ASHAs	<p>Review of hurdles in receiving incentives during training sessions</p> <p>Smoothering process glitches</p> <p>Sensitising MOs to honour ASHA referral</p> <p>Ensuring that ASHAs have all updated contact information of health system functionaries at the relevant block and district level</p> <p>Instituting an award for 10% of ASHAs at the district level</p>	<p>ASHA awards Rs. 50,000.0</p> <p>Asha monthly meeting vehicle Allowances 773 Asha @100per asha *12 month = 927600.00</p> <p>Refreshment of monthly meeting 773 asha @ Rs 100 each *12 months =927600</p>
ASHA Programme Management		
Strategies	Activities	Budget
<ul style="list-style-type: none"> Strengthening the DPMU for effective coordination of the ASHA programme by hiring an ASHA coordinator Joint working of DPMU and Health Educators on operationalisation of the ASHA programme. <ul style="list-style-type: none"> To provide the mobile phone of DCM & BCM 	<ul style="list-style-type: none"> Recruitment of a District Program Manager –ASHA at the district level Recruitment of a District Data Assistant –ASHA at the district level Asha Help Desk At District Level ASHA sammelen –Travelling cost/snacks/ASHA facilitator cost/organisation cost/Miscellaneous Community based Planning & Monitoring 500 Conduction of Kalajatha at village level <p>(b) Activity cost for formation of village & Planning & Monitoring</p> <p>© Four round orientation cum Training of Village Planning & Monitoring committee at Panchyat</p> <p>(d) Level card ,Health facility Data collection & Preparation of Village health</p>	<p>ASHA DPM/DCM Rs.20000/month* 12 months=Rs.240000.</p> <p>District Data Assistant Rs. 8000 * 12=96000 Rs.</p> <p>1225 * 12=14700 Rs. 250000 Rs.</p> <p>Mobile Phone for DCM & BCM 5PHC *10000*5 BCM+ 1 DCM=60000=00</p> <p>Mobile Bill 2000/permonth*5 BCM+1 DCM *12month=144000.00</p> <p>5600 * 335(Revenue village)=2345000</p> <p>5 Blocks * 5 Panchyat *30 * 6000 =4500000 Rs.</p>

	<p>action plan, Analysis of village level, Report card (e) conduction of Block level Jan Sambah at Quarterly (f) District Level dissemination & Planning Workshop on community Planning and Monitoring (g)Coordination expenses (Per Block-HR + Other expenses) (h) District Level contingency</p> <ul style="list-style-type: none"> ASHA System at Block Level (a) Block ASHA Manager <p>(b)ASHA Help desk at the block level</p> <p>© Miscellaneous Cost,Fiels Visit, Monitoring and supervision</p> <ul style="list-style-type: none"> ASHA support system at village level (a) Block ASHA Facilitator (21st her self) ASHA Training Health educators at the block level to support in ASHA training 	<p>Sl.No – © to (g) - 10,0000 Rs.</p> <p>6250 * 12 = 75,000 Rs.</p> <p>12000*5(Block) * 12 (Month) =720000 Rs.</p> <p>1250 * 12(Month) = 15000 Rs.</p> <p>500 * 5*12=30,000 Rs.</p> <p>35(ASHA) * 150 Rs. * 20 (Days) * 12(Month) =1260000 Rs.</p> <p>500000 Rs.</p>
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Village Health & Sanitation Committees

Situation analysis: VHSCs have not yet been set up

Strategies	Activities	Budget
<p>Campaign on the importance and roles of VHSCs Setting up of all VHSCs Ensuring that VHSC funds are received by all VHSCs</p>	<p>Kala jathas on the role and importance of VHSCs Partnerships with NGOs for setting up of VHSCs through 2 rounds of Gram Sabha meetings Opening of bank accounts for all VHSCs Ensuring transfer of funds District meeting</p>	<p>335 Villages* Rs2000/Kalajatha event= Rs. 670000.0</p> <p>VHSC untied funds 335 Villages*Rs10,000= Rs.3350,000.0</p> <p>Districting meeting =2000 /year</p>
<p>Training of members of VHSC regarding functioning mechanism at the PHC level</p>	<p>Training of members of VHSC regarding functioning mechanism at the PHC level</p>	<p>Block meeting =1000/qutrs 5 PHC * Rs. 2500=12500 Rs.</p>



Capacity Building and Training

Maternal health		
<p>Situation Analysis- All types of training organised by the DHS Arwal in the campus of PHC Arwal or DHS meeting hall because presently not functioning Sadar hospital.</p> <p>Training of M.O. - Mos training need for all purposes like a TB, leprosy, or Financial matters time to time to improve of all programme.</p> <p>Training of BHM & Accountant- There to posts of The DHS is the Key post. There need to training against time to time changing of Govt. Policy? Accountant training to be must in every month or Quartly.</p> <p>Training of Block Community Mobilizer- - There to posts of The DHS is the Key post for community participation in NRHM. There need to training against time to time changing of Govt. Policy.</p> <p>SBA Trainings- SBA trainings are being organized in PHC Arwal. 12 regular Anm has got SBA training. The remaining regular and contractual ANMs are yet to receive the training. 25 present LHV also require SBA training.</p> <p>EMOC Training- 4 medical officer from the district has received EmOC training.</p> <p>Family Planning - 4 doctors have received Non scalpel Vasectomy training. No Minilap training has been organized in the district.</p>		
Strategy	Activities	Budget
<ul style="list-style-type: none"> • Accountant, BHM & BCM Training must to be organised. • To ensure Mos Training for all type training must to be attend • SBA training to Sub centre ANMs. • SBA training to all three staff nurses from 9 priority APHCs • Building capacity of 2 staff nurses from each of 5PHC • Establishing district level training centres for regular trainings of the district staff. 	<p>Accountant and BHM Training organised in the District With M.O. and CS, DPM, DAM.</p> <p>SBA trainings to ANMs posted at Sub centre. Total ANMs present at Sub centre level is SBA trainings to ANM at 7*3 24*7 PHC.21 ANMs.Total number of ANMs=156. Therefore 39 batches each comprising of 4 ANMs has to be trained.</p> <p>2 Staff nurses from each of 5 PHCs, Total number of SNs to be trained=15. So total 3 batches need to be trained.</p> <p>1 LHV from each PHC. Total number of LHV=5. So 1batches for training.</p> <p>EMOC-</p> <ul style="list-style-type: none"> • 1 MO from each PHC 	<p>BHM, BCM and Accountant Training- 5 BHM + 5Accountant + 5 BCM total 15 @ 500 each participant = 7500</p> <p>Training refreshment - 100 per participants.</p> <p>SBA trainings SBA trainings for ANM-39 batches*Rs.8275per batch=Rs.322725.00</p> <p>Staff Nurses- 3 batches*Rs.8275per batch=Rs.24825.00</p> <p>LHV- 1 batches*Rs.8275=8275.</p>



	<ul style="list-style-type: none"> • 1 MO from 9 priority APHCs. • Total number of MOs to be trained=13. Total 3 batches to be trained. <p>Safe abortion services training</p> <ul style="list-style-type: none"> • 1 MO from each PHC • 1 MO from 9 priority APHCs. Total number of MOs to be trained=13. Total 3 batches to be. <p>IMNCI- Basic training for- 148 ANMs. 6 LHVs, 589 AWWs</p> <p>Physician's training 48 Mos</p> <p>Anaesthetics skill training- 1 MO from each functional PHC. Total number of MOs to be trained=5. Total number of batches=1.</p> <p>NSV training 1 MO from each blocks PHC. So 1 batch of 5 participants each.</p> <p>STI/RTI training- 1 MO from each functional PHC So 1 batches of 5 participants each.</p> <p>MINLAP training 1 MO from each functional PHC So 1 batches of 5 participants each.</p> <p>Training on Family Planning choices and IUD insertion 1 ANM from each of 26 APHC 1 ANM from 5 functional PHC 1 ANMs from 5 PHCs, So total number of ANM=5. So total 1 batches to be trained.</p> <p>ARSH training 1 MO each from 5 PHCs, Total number of MOs to be trained=5. So 1 batch of 5 participants each.</p>	<p>EMOC 3 batches*Rs.106625per batch=Rs.319825.00</p> <p>Safe abortion services training 3 batches*Rs.8,000=Rs.24,000.00</p> <p>IMNCI- Basic health worker training. 750*100=Rs.75000</p> <p>Health worker ToT- 2 batches*Rs.116,235=232470</p> <p>Basic physician's training 3 batches*Rs.126,630=Rs.379890.00</p> <p>Follow up trainings- 2 batches*40,131=Rs.80262.00</p> <p>Anaesthetics skill training= 1 batches*Rs.140,800=Rs.140800.00</p> <p>NSV training 1batches*Rs.10,000=Rs.10,000.00</p> <p>STI/RTI training- 1 batches*Rs.10,000=Rs20,000.00</p> <p>MINLAP training 2 batches*Rs.10,000=Rs20,000.00</p> <p>Training on Family Planning choices and IUD insertion 6 batches*Rs.10,000=Rs.60,000.00</p>
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	<p>SNCU training- 2 MOs from 5 PHCs, Total number of MOs to be trained=10 so total 2 batches.</p> <p>Programme management training- Basic computer skills for clerical staff at DPMU, DHS, and PHCs and DPMSU. District health planning and management for DPMU (Including DCM&DPC)</p> <p>Demanding and follow-up of the demand for training budget.</p>	<p>ARSH Training 2 batches*Rs.8000=Rs.16,000.00</p> <p>SNCU training- 2 batches*Rs.50,000=Rs100,000.00</p>
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Revised National Tuberculosis Control Programme

Situation analysis- only 12 MOs in the district have received RNTCP Training. 6 LTs, 25 nursing staff and 224 community health workers in the district have been trained in RNTCP. Refresher training of MOs has not been organized though it was budgeted in the last year's action plan.

Strategy	Activities	Budget
Organizing trainings for all levels of TB workers	<p>Refresher training for private practitioners.</p> <p>TB/HIV training for STLS,LTs, MPWs, MPHS, Nursing staff, community volunteers etc.</p> <p>TB/HIV training for STS</p> <p>Any other training activity</p> <p>Training for ASHA workers</p>	<p>Refresher training to private practitioners-</p> <p>Health worker- Rs.10,000.00</p> <p>Training for STS- Rs.20,000.00</p> <p>Any other training- Rs.21,000.00</p> <p>ASHA trainings- Rs.66900.00</p> <p>Refreshment - 33450.00</p>

National Leprosy Control Programme.

Strategy	Activity	Budget
Capacity building of district staff to create awareness towards leprosy.	<p>Training of paramedics</p> <p>Refresher trainings for paramedics</p> <p>NGO trainings</p> <p>POD training</p>	<p>Paramedics training- 2 batches *Rs.12,000= Rs. 24000.00</p> <p>Refresher trainings for paramedics- 2 batches *Rs.10,000=Rs.20,000.0</p> <p>NGO trainings- 28 batches*Rs.4500=Rs.126,000.00</p> <p>POD Training- 14 batches*Rs.5000=Rs.70000.00</p>



SPECIAL PROGRAM FOR NAXILITE ACTIVITIES

INTRODUCTION

Naxalities have been operating in various parts of the country since the early seventies; at different areas in the country have been relatively more seriously affected in terms of overt violence by different naxalite groups. In Arwal district, there are various Naxal groups-CPI-ML, Ranvir Sena, Peoples Bar groups attack to each other, therefore various massacre is going on in different places e.g.- Senari, Bathe, Shankar Bigha etc. The naxalites predominantly attack the Police man, Police establishment. They also some infrastructure like Rail, Road, Transport and Power transmission and also forcibly oppose execution of departmental works like critical road construction and other development works.

Although the naxalites have not attacked any health establishment, but it is necessary to well equipped health facility with doctors, Nurses, Building and other facilities. In Arwal district only 31 doctors are posted against 87 Post, 61 ANM are posted against 125 post etc. Therefore, lack of human resources in health sector. In the case of infrastructure only 10 ADPHC are own building against 26, 11 sub centre have own building against 64. Therefore, it is very vast diversity in health sector against other district in Bihar.

ACTIVITIES

1. OPD, Emergency facility is available to each PHC, ADPHC per day
2. Routine immunization, TB-centre, Leprosy control program are fully operationalised in naxal effected village
3. To Organise a District Coordination meeting from various department i.e PHD, Building division, DRDA, Electricity department, Telephone department, and various level education level.
4. AIDS awareness program
5. Special movement to the awareness of people i.e. –Nukar Natak, Lok Sangit, School health program

BUDGET

(1) 50, 00000 (Fifty Lakhs)