

## Kalahandi

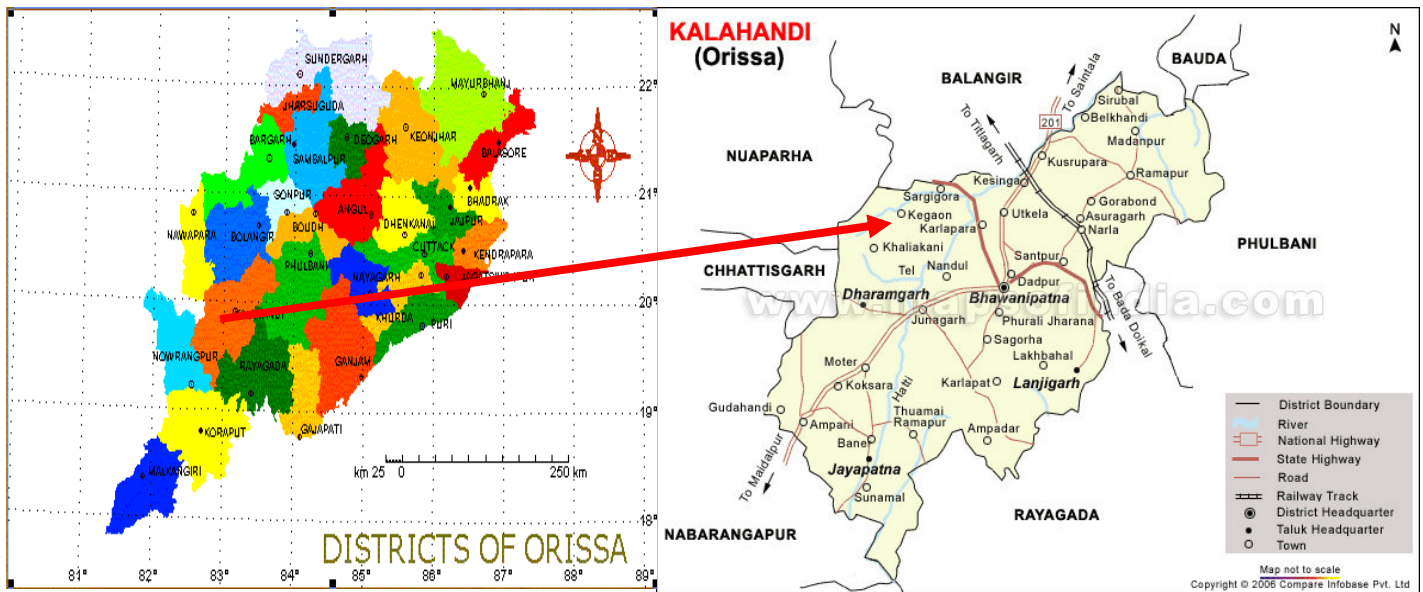
Kalahandi is a tribal district of Orissa. The meaning of Kalahandi is **“a pot of beautiful arts”** which is enriched with many lights and shadows. Though, it is now considered to be a backward district, it was earlier known as “Kamala Mandala” and flourished in 1191 A.D. during the reign of Gangaraj Madan Mahadev. Kalahandi receives an average rainfall of 956 to 1389 mm but it rains irregularly therefore the district faces draught frequently. Much of the population has to migrate in search of labour. The problem of migration among tribals is acute; it affects their socioeconomic life and disturbs the education of the children. There are 2,236 villages and 13 blocks in the district (Figure 4.2.4.1).

|  | <b>Kalahandi</b> | <b>Orissa</b> |
|--|------------------|---------------|
| <b>Population</b>                          |                  |               |
| <b>Persons</b>                             | 13,34,372        | 3,67,06,920   |
| <b>Males</b>                               | 6,67,126         | 1,86,12,340   |
| <b>Females</b>                             | 6,67,246         | 1,80,94,580   |
| <b>Sex ratio (females per 1,000 males)</b> | 1,000            | 972           |
| <b>Population density (per sq. km.)</b>    | 168              | 236           |
| <b>Literacy rate (%)</b>                   | 46.20            | 63.61         |
| <b>Rural Population</b>                    | 12,34,095        | 3,12,10,602   |
| <b>Urban Population</b>                    | 1,00,277         | 54,96,318     |
| <b>Rural-Urban Ratio</b>                   | 92:8             | 85:15         |

*Source: Census 2001*

As per census 2001, the district had a population of 13,34,372 (3.6 percent of the population of the state); out of which 7.5 % live in urban areas. The District has 50% males and 50 % female population. The sex ratio of the district is 1000 females per thousand males, which is slightly higher than the state average of 972 (Table

4.2.4.1). The literacy rate of the district is 46.2 %, which is lower than the literacy rates of the entire state (63.6 %).



**Figure 4.2.4.1: District Map of Kalahandi**

## NPAG Evaluation

The evaluation of NPAG was conducted in 40 PSUs (29 rural and 11 urban) of Kalahandi district of Orissa, (Annexure 4.2.4a). The data for the rural and urban areas were analysed and presented separately.

### Funds and food grains release

| 2003-04 | Amount paid for IEC and Training | 4,55,600 |
|---------|----------------------------------|----------|
|         | Purchase of weighing scale       | 2,02,500 |
| 2005-06 | Advertisement                    | 1,000    |
|         | Purchase of weighing scale       | 63,281   |

Source: DWCD, Kalahandi

The NPAG programme was initiated in 2002-03 in Kalahandi district. The training and IEC activities were completed and adult balances provided to all anganwadis in 2003-04 and

2005-06 (Table 4.2.4.2). The programme was discontinued in 2004-05. In 2005-06, the programme recommenced with adolescent girls as the only target group. The funds always reach the district at the end of the year; hence the beneficiaries get grains in the subsequent financial year only. Rice supplied by Civil Supplies Department reached the villages after March'03 for the year 2002-03 and in March'04 for the year 2003-04, hence it was distributed only once in both the years 2003-04 and 2004-05. There are not enough ration shops to distribute the grain. Therefore the district programme officer tried to get food grain distributed by the anganwadi workers (AWWs) in the first year but that was not effective.

|   | 2003-04      |          | 2004-05   |          | 2005-06      |          |
|---|--------------|----------|-----------|----------|--------------|----------|
|   | Amount       | Date     | Amount    | Date     | Amount       | Date     |
| Finance received from the State                   | 52,52,801.00 | 22.12.03 | Nil       |          | 52,19,892.00 | 30.11.05 |
|   | 66,67,693.00 | 24.12.03 |           |          | 20,00,959.00 | 30.11.05 |
|   | 04,81,801.00 | 12.03.04 |           |          | 14,78,969.00 | 30.11.05 |
|   | 02,42,340.00 | 12.03.04 |           |          | 10,51,827.00 | 31.01.06 |
|   | 60,113.00    | 12.03.04 |           |          | 37,12,331.00 | 31.01.06 |
|   |              |          |           |          | 14,23,060.00 | 31.01.06 |
| Total   | 12704748.00  |          | Nil       |          | 14887038     |          |
| Finance given to Civil Supplies                   | 35,01,868.00 | 17.02.03 | 32,000.00 | 25.05.04 | 66,78,266.00 | 19.01.06 |
|   | 17,09,245.00 | 13.03.03 |           |          |              |          |
|   | 41,688.00    | 24.03.03 |           |          |              |          |
|   | 40,32,000.00 | 25.02.04 |           |          |              |          |
| Total   | 9284801.00   |          | 32,000.00 |          | 66,78,266.00 |          |
| Civil supplies –food grain release (rice in qtl.) | 5,558.52     | 18.2.03  |           |          | 9,820.98     | 21.2.06  |
|   | 2,779.26     | 21.3.03  |           |          |              |          |
|   | 6,400.00     | 31.3.04  |           |          |              |          |
| Total   | 14737.78     |          |           |          | 9,820.98     |          |

Source: DWCD, Kalahandi

Now they are trying to give the grains through Panchayats. Although the grains have been released by February 2006, it has not reached the Panchayats in

T.Rampur block till now. In the current year the officers were sensitized to the programme and now they are taking steps to implement it. The information on the expenditure incurred by the state government, food grain release on NPAG during the year 2003-04, 2004-05 and 2005-06 is given in Table 4.2.4.3.

## Rural

| <b>Table 4.2.4.4: Total coverage under AWs (n=29)</b> |       |
|---|-------|
| Number of Households                                  | 7572  |
| Total Population                                      | 36074 |
| <b>Number of persons registered in AWs</b>            |       |
| Children 7-12 months                                  | 493   |
| Children 1-3 years                                    | 1316  |
| Children 4-6 years                                    | 1854  |
| Pregnant women  | 372   |
| Lactating women                                       | 342   |
| Adolescent girls                                      | 2118  |

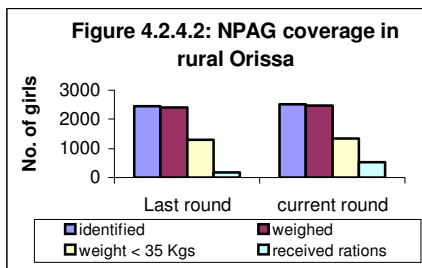
The NPAG evaluation was done in 29 rural anganwadis (AWs). District Data on number of households; total population and number of persons registered with the AWs in May 2006 are given in Table 4.2.4.4. Orimix were being supplied to AWs.

### ***NPAG-Adolescent Girl***

All anganwadi workers (AWWs) received training in weighing of adolescent girl and providing nutrition and health education (NHE) pertaining to NPAG scheme. They were able to communicate to the population the paradigm shift in the programme. The community accepted the concept of identifying, weighing, detecting undernourished adolescent girls and distributing food grains to families of undernourished girl. The AWWs received support from PRI (100 %), ANM (100 %) and family of girls (96.6 %) in identifying all adolescent girls, weighing them and detecting those with weight less than 35kg and providing them chits for collecting food grains.

Adult weighing scales had been given to all the 29 AWWs; all of them had weighed adolescent girls in their area and identified girls under 35 kg. All AWWs adjusted for zero error on the weighing scale just before weighing. The field investigators checked the accuracy of weighing scales. Weighing scales of twenty-eight AWWs were accurate and 1 weighing scale was inaccurate by more than 1 kg. Twenty-eight AWWs weighed adolescent girl accurately when investigator asked them to demonstrate weighing of the adolescent girl (96.6 %) and 1 AWW was not able to demonstrate how to correctly weigh adolescent girls. All AWWs provided NHE to the identified adolescent girls. Chits were distributed by 13 AWWs to identified adolescent girls of their area. 13 AWWs had records of NPAG since 2002-03. AWWs reported that NPAG could improve the nutritional status of adolescent girls and their participation in KSY (Annexure 4.2.4b).

The data on last round (Jan 2005 to July 2005) was available from all 29 AWs; 2451 adolescent girls were identified; 2410 identified adolescent girls were weighed; 53.6 % girls who were weighed were below 35 kg. In the last round of NPAG 76 new adolescent girls who weighed less than 35 kg had been identified.



AWWs gave NHE to 1506 adolescent girls; 180 girls received food supplements (4 AWWs). Under KSY scheme only one girls received ration for 3 months. Repeat weighment after three months showed that Thirty-five girls did not show any change in weight; 12 girls lost weight; 88 girls gained weight but did not cross the 35 kg and 45 girls had crossed 35kg.

The data pertaining to the current round (Jan 2006 to April 2006) was available in 25 AWWs; 2522 adolescent girls were identified and 2471 were weighed; 54.7 % girls weighed less than 35 kg. In the current round of NPAG 163 new adolescent girls weighing less than 35 kg were identified. 27 AWWs gave NHE to 1533 adolescent girls; 529 (39.1 %) adolescent girls collected food grains from 11 AWWs (Figure 4.2.4.2). Repeat weighment after three months showed that forty girls did not show any change in weight; 5 girls lost weight; 75 girls gained weight but did not cross the 35 kg and 19 girls had crossed 35kg.

**Ongoing ICDS programme**

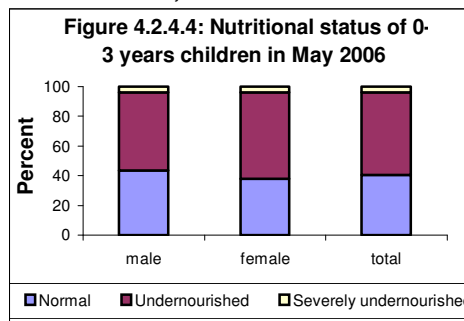
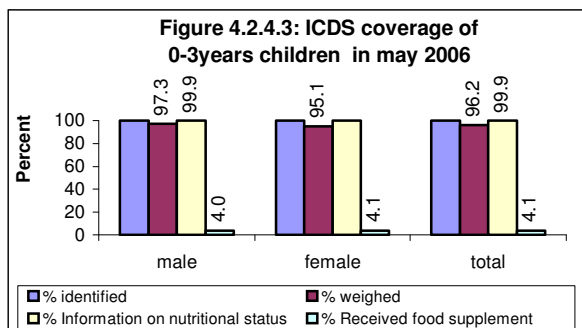
The data on ongoing ICDS was collected for the month of April 2006 and May 2006 from all 29 AWWs. The data for the month of May 2006 is presented in Annexure 4.2.4c. Food supplements were not provided during April/May in both urban and rural AWWs. As in the beginning of the every new financial year there are problems in getting food supplement, gradually these problems get sorted out and the food becomes available.

*Pregnant and lactating women*

Data on pregnant women were available in 29 AWWs; 393 pregnant women were identified, 391 pregnant women were weighed; 48 pregnant women weighed less than 40 kg. Data on lactating women were available in all 29 AWWs; 389 lactating women were identified, 385 lactating women were weighed; 66 lactating women weighed less than 40 kg. No AWW was distributing food supplements to pregnant and lactating women. All AWWs imparted NHE to pregnant and lactating women.

*Children (0-3 years of age)*

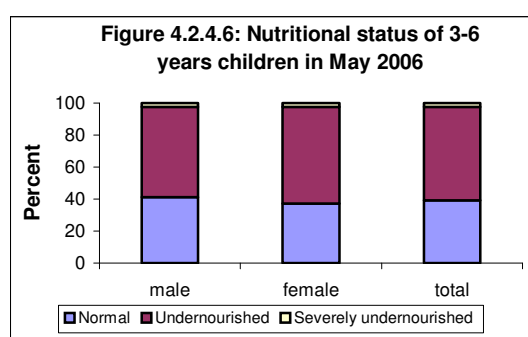
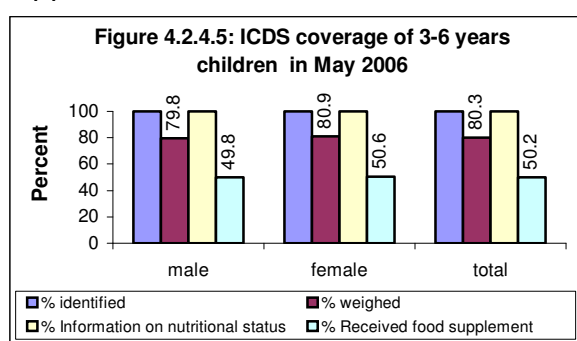
A total of 2241 children (0-3 years old) were identified; 96.2% of them were



weighed. Information on nutritional status was available for all those who were weighed; 40.7 % were normal, 55.3 % were undernourished and 3.9 % were severely undernourished (Figure 4.2.4.4); 4.06 % received food supplements from AWs for more than 20 days (Figure 4.2.4.3). Distribution of food supplements was not carried out on the basis of nutritional status of the child.

### Children (3-6 year old)

A total of 2110 children (3-6 year old) were identified; 80.3 % were weighed. Information on nutritional status of children was available for all of those who were weighed; 39.3 % were normal; 58.3 % were undernourished and 2.4 % was severely undernourished (Figure 4.2.4.6); 50.2 % were receiving food supplement from AWs for more than 20 days (Figure 4.2.4.5). Distribution of food supplement was not done on the basis of nutritional status of the children.



## Urban

**Table 4.2.4.5: Total coverage under AWs (n=11)**

|  |       |
|--|-------|
| Number of Households                       | 2513  |
| Total Population                           | 12990 |
| <b>Number of persons registered in AWs</b> |       |
| Children 7-12 months                       | 143   |
| Children 1-3 years                         | 405   |
| Children 4-6 years                         | 631   |
| Pregnant women                             | 73    |
| Lactating women                            | 95    |
| Adolescent girls (KSY)                     | 473   |

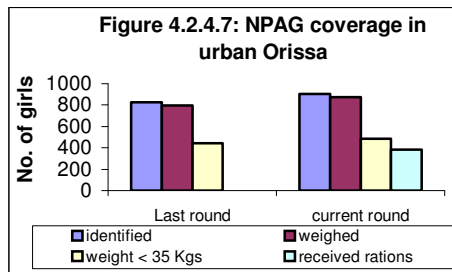
The NPAG evaluation was done in 11 urban AWs. Data on number of households, total population and number of persons registered with the anganwadi in May 2006 is given in Table 4.2.4.5. Data on food supplement was not available, as in Kalahandi District; the urban areas are not being provided with

SNP.

### NPAG-Adolescent Girl

All AWWs received training in weighing of adolescent girl and providing NHE) pertaining to NPAG scheme. They were able to communicate to the population the paradigm shift in the programme. The community accepted the concept of identifying, weighing, detecting undernourished adolescent girls and distributing food grains to families of undernourished girl. The AWWs received support from PRI (90.9 %), ANM (100 %) and family of girls (100 %) in identifying all adolescent girls, weighing them and detecting those with weight less than 35kg and providing them chits for collecting food grains.

Adult weighing scales had been given to the 10 AWWs; but all the 11 AWWs had weighed adolescent girls in their area and identified girls under 35 kg (one AWW borrowed the weighing scale from the nearby AW). All AWWs adjusted for zero error on the weighing scale just before weighing. The field investigators checked the accuracy of weighing scales. Weighing scales of all the AWWs were accurate. All the AWWs weighed adolescent girl accurately when investigator asked them to demonstrate weighing of the adolescent girl. All AWWs provided NHE to the identified adolescent girls. Chits were distributed by 2 AWWs to identified adolescent girls of their area. Only 1 AWW had records of NPAG since 2002-03. AWWs reported that NPAG could improve the nutritional status of adolescent girls and their participation in KSY. (Annexure 4.2.4b)



The data on last round (April-2005) was available from all 11 AWWs; 828 adolescent girls were identified; 798 identified adolescent girls were weighed; 55.8 % girls who were weighed were below 35 kg. In the last round of NPAG, 18 new adolescent girls who weighed less than 35 kg had been identified. AWWs gave NHE to 443 adolescent girls. No chits had

been distributed to the identified undernourished adolescent girls and none of the girls had received food grains.

The data pertaining to the current round (April 2006) was available in 11 AWWs; 904 adolescent girls were identified and 873 were weighed; 55.4 % girls weighed less than 35 kg. In the current round of NPAG, 41 new adolescent girls weighing less than 35 kg had been identified. All AWWs gave NHE to 476 adolescent girls; 386 identified undernourished girls collected rations from 8 AWWs (Figure 4.2.4.7). Repeat weighing after three months showed that three girls did not show any change in weight; 4 girls lost weight; 69 girls gained weight but did not cross the 35 kg and 2 girls had crossed 35kg.

### ***Ongoing ICDS program***

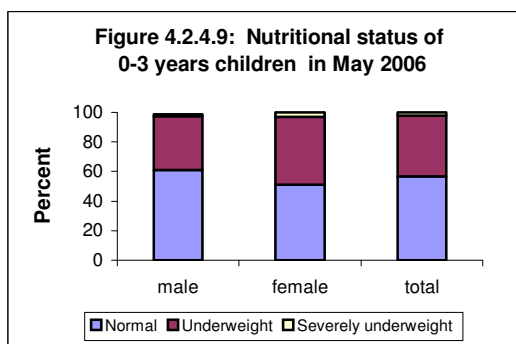
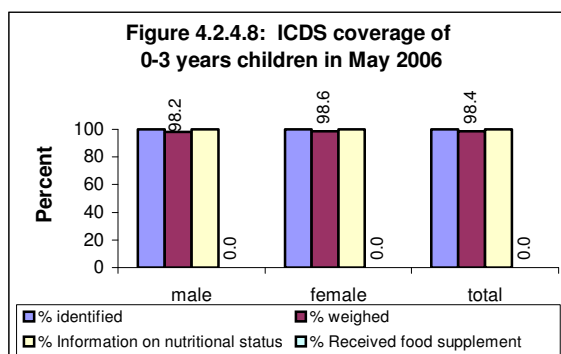
The data on ongoing ICDS was collected for the month of April 2006 and May 2006 from all 11 AWWs. The data for the month of May 2006 is presented in Annexure 4.2.4c.

### ***Pregnant and lactating women***

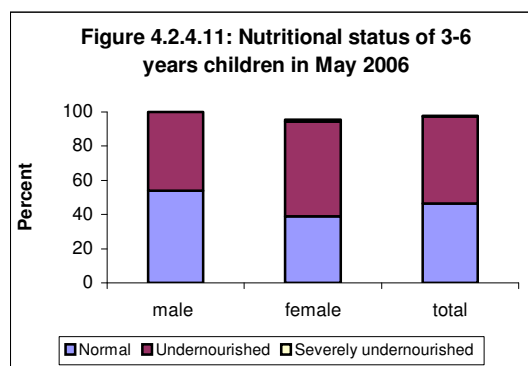
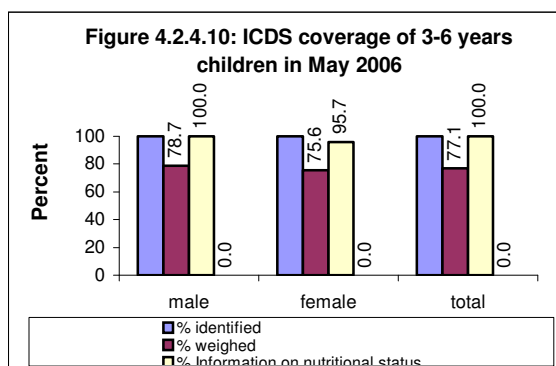
Data on pregnant women were available in 11 AWWs; 76 pregnant women were identified, 73 pregnant women were weighed; 23 pregnant women weighed less than 40 kg. Data on lactating women were available in all 11 AWWs; 84 lactating women were identified, 81 lactating women were weighed; 33 lactating women weighed less than 40 kg. No AWW was distributing food supplements to pregnant and lactating women. Ten AWWs gave NHE to pregnant and lactating women.

### Children (0-3 years of age)

A total of 628 children (0-3 years old) were identified; 98.4% of them were weighed. Information on nutritional status was available for all those who were weighed; 56.8 % were normal, 40.9 % were undernourished and 2.3 % were severely undernourished (Figure 4.2.4.9); During the months of April or May food supplements were not given to the children (Figure 4.2.4.8).



### Children (3-6 years)



A total of 621 children (3-6 year old) were identified; 77.1 % were weighed. Information on nutritional status of children was available for all of those who were weighed; 46.6 % were normal; 50.7 % were undernourished and 0.6 % was severely undernourished (Figure 4.2.4.11). During the months of April or May food supplements were not given to the children (Figure 4.2.4.10).

### Household Survey

The household survey was conducted in 40 PSUs (28 rural and 12 urban) of Kalahandi district (Annexure 4.2.4d & 4.2.4e). The data obtained from rural and urban PSUs were analysed and reported separately.

#### Rural

The survey was conducted in 812 rural households. The mean household size was 4.6; 76.3 % were nuclear families.

### *Socioeconomic profile*

Majority of the households belonged to OBC (40 %); 35.1 % were ST and rest belonged to SC and other castes. Nearly ninety percent families (88.9 %) stated that their monthly income was less than Rs. 5000; the 11 % stated that their income was between Rs. 5000 – Rs. 10000 per month.

The head of the households were better educated than the wives of the head of the households. About one tenth of the head of the households were educated up to secondary school (10.7 %) or more; 16.7 % were educated up to primary level and 45.6 % were illiterate. Nearly three-quarters of the wives of head of the households were illiterate (74.7 %) and only 8.4 % had primary education and 2.7 % had studied up to secondary school or more.

Most (40 %) of the head of the households were landless labourers and only 2.7 % were working as farmers and more than half of the head of households were in service (52 %) and 1.1% were unemployed at the time of the survey. Almost all of the wives of the head of the households were working outside home (99.5 %); 22.6% were working as landless labourer and 16.6 % as domestic help and 60.3% were in farm activities.

Most (79.2 %) of the population was residing in the center of the village. Nearly all households (98 %) owned the houses. Majority of the families were living in kutcha houses (79.3 %) and 18.3 % in semi pucca houses. 79.5 % of the population had two or more rooms and rest lived in one room. Only 4.3 % had toilet facility at home; the rest (95%) of the population was using sulabh. Only 28 % households had the provision of potable water in their own homes; the rest (71.8 %) obtained drinking water from public taps, hand pumps or water tankers, well, pond and river. Majority 93.1% of the households reported that they were non-vegetarian. Only 4.7 % were using gas for cooking purposes and most of the families (95.3 %) were using kerosene or wood stoves for cooking food. Most (97.5 %) families were using stainless steel utensils for cooking food. Public transport was used by 48 % of the population; 46 % had cycle. 59.4 % had no source of entertainment like radio or T.V colour television at home; 25.7 % had radio and 4.4 % had colour television at home.

The mean consumption of food grains was 63 kg per month per household. Nearly seventy percent (67.4 %) of the families possessed ration card and more than sixty-five percent of them bought food grains from ration shop (66.4 %). On an average each household bought 23.6 kg of food grains from the ration shop.

### *Utilization of ICDS services*

Almost all (98.5 %) the households were aware of the AWs in their area. In rural areas 44.8 % of the households were receiving food supplement from the anganwadi; 20.3 % stayed at AWs and ate the supplement; 24.5 % collected the supplements from AWs and took it home. Information on number of pregnant and lactating women and preschool children who visited AWs; had received NHE and/or food supplement is given in Table 4.2.4.6.



| Beneficiary     | Number present | Received NHE | Received food supplement | Number of days receiving food supplement |         |           |
|-----------------|----------------|--------------|--------------------------|--|---------|-----------|
|                 |                |              |                          | <10                                      | 10-20   | > 20      |
| Pregnant women  | 13             | 46.2(6)      | 23.1(3)                  | 33.3(1)                                  | 66.7(2) | 0         |
| Lactating women | 48             | 77.1(37)     | 62.5(30)                 | 13.3(4)                                  | 10.0(3) | 76.7(23)  |
| 0-3 years       | 170            | 45.9(78)     | 20.6(35)                 | 26.5(9)                                  | 5.9(2)  | 70.6(24)  |
| 3-6 years       | 240            | 73.8(177)    | 69.2(166)                | 4.8(8)                                   | 9.6(16) | 85.6(142) |

Figure in parenthesis denote actual numbers

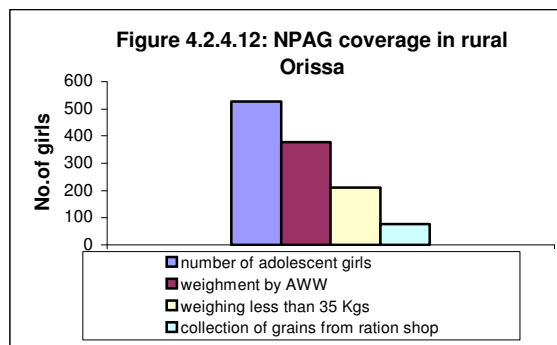
Six out of thirteen of the pregnant women visited AWs; received NHE and three pregnant women collected food supplements; two out of 3 women received supplement for 10-20 days. Thirty-seven of the 48 lactating women visited AWs and got NHE; 30 lactating women collected food supplement from the AWs; only 23 had received food supplements for more than 20 days per month. Among 35 0-3 year old children collecting food supplements from AWs, 24 children (70.6 %) had collected food supplements for more than 20 days. Among the 3-6 yrs children who received food supplements, 142 (85.6 %) children collected supplement for more than 20 days.

| Age | No. of children | No. weighed | Normal | Under-nourished | Severely undernourished |
|-----|-----------------|-------------|--------|-----------------|-------------------------|
| 0-3 | 170             | 150         | 94     | 55              | 1                       |
| 3-6 | 240             | 189         | 115    | 69              | 0                       |

There were 170 children in 0-3 year old age group in the households surveyed; 150

children had been weighed. The parents reported that 94 children were normal and 55 were undernourished and only one child was severely undernourished. There were 240 children in 3-6 year old age group in the households surveyed; 191 children had been weighed. The parents reported that 115 children were normal and 69 were undernourished. Parents of 5 children reported that they did not know the nutritional status of their child (Table 4.2.4.7).

## NPAG



During the household survey 527 adolescent girls were identified in the survey with mean age of the girls was  $14.1 \pm 2.45$  years and mean weight was  $32.4 \pm 7.02$  kg. 26 % of the girls were illiterate; 39.7 % of the girls had primary level education, and 22.6 % had secondary level education. Only two percent adolescent girls were married, and the age at marriage was

16-19 years. Information was available for 89.4 % girls; 56.3 % knew about KSY and only 22.3 % knew about NPAG. The family reported that 255 (54.1%)

adolescent girls visited AWs for KSY, 35 % of those who visited anganwadi received NHE, 59.9 % had received iron/folic acid tablets, 25.8 % took food supplement from AWs; 21.9 % visited AWs for NPAG. AWs workers had weighed 377 (71.5 %) of the identified adolescent girls and 212 (56.2 %) weighed less than 35 kg; 106 adolescent girls were given chit for collecting food grains; all had collected grains from ration shop; 6 girls collected food grains for 3 months; 4 girls for two months, and 67 girls collected food grains for one month (Figure 4.2.1.12); 77 girls gained weight but still weighed less than 35 kg; none of them had crossed 35 kg; 26 girls showed no change in weight and 3 girls lost weight.

## **Urban**

The survey was conducted in 308 urban households. The mean household size was 5.2; 76.3 % were nuclear families.

### *Socioeconomic profile*

Majority of the households belonged to OBC (45.5 %); 25.6 % were SC and rest belonged to ST and other castes. Nearly eighty percent families (79.9 %) stated that their monthly income was less than Rs. 5000; the 17 % stated that their income was between Rs. 5000 – Rs. 10000 per month.

The head of the households were better educated than the wives of the head of the households. About one third of the head of the households were educated up to secondary school (34.1 %) or more; 32.5 % were educated up to primary level and 20.5 % were illiterate. 46.5 % of the wives of head of the households were illiterate; 20.3 % had primary education and 17.8 % had studied up to secondary school or more.

Nearly sixty percent of head of the households were involved were working as factory labourers, rickshaw pullers, small vendors in daily bazaars; 22.1 % were working as clerk, teachers, involved in public and private service sectors. Fifteen percent had their own business at the time of the survey. Majority (93.4 %) of the wives of the head of the households were working outside home.

Most (93.5 %) of the population was residing in the regular colonies; only 5.8% in slum. Nearly all households (86 %) owned the houses. Majority (48.7 %) of the families were living in kutcha houses. As Bhawanipatna is an upcoming town, the old regular colonies were having kutcha houses, which still exists as it. 91 % of the population had two or more rooms and rest lived in one room. Only 25.6 % had toilet facility at home; the rest (70.8%) of the population had no access to toilet or were using sulabh. Only 20.5 % households had the provision of potable water in their own homes; the rest (78.8 %) obtained drinking water from public taps, hand pumps or water tankers, well, pond and river. Majority 95.5% of the households reported that they were non-vegetarian. Most (76.6 %) of the families were using kerosene or wood stoves for cooking food; the rest 23.4 % were

using gas for cooking purposes. Most (98.1 %) families were using stainless steel utensils for cooking food. Public transport was used by 33.1 % of the population; 47.1 % had cycle. 40 % had no source of entertainment like radio or T.V colour television at home; 23.4 % had colour television at home.

The mean consumption of food grains was 64 kg per month per household. 64.6 % of the families possessed ration card and nearly sixty percent (59.7%) of them bought food grains from ration shop. On an average each household bought 25.4 kg of food grains from the ration shop.

#### *Utilization of ICDS services*

Almost all (97.7 %) the households were aware of the AWs in their area. In urban areas 62 % of the households did not get any food supplements from the AWs; 36.7 % collected the supplements from AWs and took it home. Information on number of pregnant, lactating women and preschool children who reported that they visited AWs, had received NHE and food supplement are given in Table 4.2.4.8.

| Beneficiary     | Number present | Received NHE | Received food supplement | Number of days receiving food supplement |         |      |
|-----------------|----------------|--------------|--------------------------|--|---------|------|
|                 |                |              |                          | <10                                      | 10-20   | > 20 |
| Pregnant women  | 4              | 0            | 0                        | 0  | 0       | 0    |
| Lactating women | 17             | 70.6 (12)    | 0                        | 0  | 0       | 0    |
| 0-3 years       | 60             | 66.7 (40)    | 6.7 (4)                  | 50 (2)                                   | 50 (2)  | 0    |
| 3-6 years       | 99             | 69.7 (69)    | 3.0 (3)                  | 33.7 (1)                                 | 66.7(2) | 0    |

*Figure in parenthesis denote actual numbers*

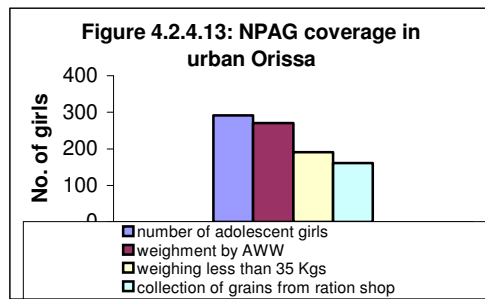
None of the pregnant women visited AWs for receiving NHE and food supplements. 12 of the 17 lactating women visited AWs and got NHE, but none of lactating women collected food supplements from the AWs. Among four 0-3 year old children collecting food supplements from AWs, 2 children (50 %) had collected food supplements for 10-20 days. Among the 3-6 yrs children who received food supplements, 2 (66.7 %) children collected supplement for 10-20 days.

| Age | Number of children | Number weighed | Normal | Under-nourished | Severely undernourished |
|-----|--------------------|----------------|--------|-----------------|-------------------------|
| 0-3 | 60                 | 50             | 40     | 10              | 0                       |
| 3-6 | 99                 | 83             | 71     | 12              | 0                       |

There were 60 children in 0-3 year old age group in the households

surveyed; 50 children had been weighed. The parents reported that 40 children were normal and 10 were undernourished. There were 99 children in 3-6 year old age group in the households surveyed; 83 children had been weighed. The parents reported that 71 children were normal and 12 were undernourished (Table 4.2.4.9).

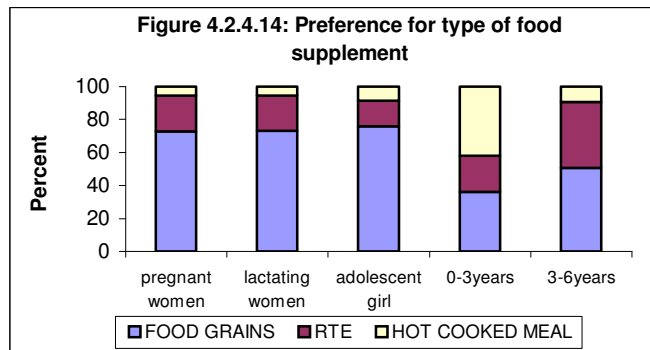
## NPAG



During the household survey 292 adolescent girls were identified in the survey with mean age of the girls was  $14.1 \pm 2.5$  years and mean weight was  $32.5 \pm 6.64$  kg. 4.1 % of the girls were illiterate; 59.2 % of the girls had primary level education, and 30.1 % had secondary level education. Majority (96.9 %) of the girls knew about KSY (72.1%) and but only 15.5 % girls

knew about NPAG. The family reported that 204 (72.1%) adolescent girls visited AWWs for KSY, 43.5 % of those who visited AW received NHE, 73.1 % had received iron/folic acid tablets, 1.1 % took food supplement from AWWs; 15.2 % visited AWWs for NPAG. AWWs had weighed 271 (92.8 %) of the identified adolescent girls and 191 (70.5 %) weighed less than 35 kg; 162 adolescent girls were given chit for collecting food grains; all had collected food grains from ration shop; 156 girls collected food grains for 3 months; 3 girls for two months, and 2 girls collected food grains for one month (Figure 4.2.1.12); 130 girls gained weight but still weighed less than 35 kg; 13 girls had crossed 35 kg; 17 girls showed no change in weight and 2 girls lost weight.

## Households' opinion about food supplements through ICDS



When asked about their opinion as to who should get food supplements majority stated that all the persons belonging to the vulnerable groups- pregnant (29.6 %), lactating women (32.6 %), adolescent girls (45.4 %), preschool children (31.8 %) should get food supplements.

The rest felt food supplements might be given to undernourished persons. They felt that food grains are the preferred supplement for pregnant (72.9 %), lactating women (73 %), adolescent girls (75.7 %) and 3-6 yrs old children (50.6 %). For 0-3 year old children 42.1 % preferred hot cooked meal. The rest preferred RTE or hot cooked meal. It is clear that as far as the pregnant, lactating women and adolescent girls are concerned vast majority prefer food grain supplements. The fact that even though NPAG provided food grains to adolescent girls, pregnant and lactating women for some months (only for one or two years), the preference of community for food grains suggests that the option provided in NPAG was the right one.

## List of PSUs in Kalahandi district

| PSU NO. | TEHSIL   | T-NAME          | BLOCK | B- NAME         | VILLAGE        | NAME                  | RES-<br>HH        | T-<br>POPL<br>N |
|---------|--|-----------------|-------|-----------------|----------------|-----------------------|-------------------|-----------------|
| 1       | 70   | DHARAMAGARH     | 130   | GOLAMUNDA       | 84             | KANKARAKHOL           | 13                | 51              |
| 2       | 140  | SADAR           | 10    |                 | 286            | KITPADAR              | 59                | 263             |
| 3       | 120  | THUAMUL RAM PUR | 70    | THUAMUL RAM PUR | 257            | MUSKUTA               | 26                | 130             |
| 4       | 120  | THUAMUL RAM PUR | 70    | THUAMUL RAM PUR | 181            | DHAMARIGUDA           | 93                | 361             |
| 5       | 140  | SADAR           | 10    |                 | 231            | RAKSI                 | 19                | 75              |
| 6       | 170  | NARALA          | 30    | NARLA           | 98             | KURMEL                | 122               | 513             |
| 7       | 132  | TANJIGARH       | 60    | LANJIGARH       | 32             | DUMERMUNDA            | 125               | 531             |
| 8       | 140  | SADAR           | 10    |                 | 95             | BALARAMPUR            | 95                | 440             |
| 9       | 170  | NARALA          | 30    | NARLA           | 70             | KUSMEL                | 34                | 149             |
| 10      | 170  | NARALA          | 30    | NARLA           | 124            | SUKUNABHATA           | 75                | 380             |
| 11      | 170  | NARALA          | 30    | NARLA           | 18             | BALISINGA             | 280               | 1270            |
| 12      | 151  | KESINGA         | 20    | KESINGA         | 102            | KUNDABANDH            | 260               | 1135            |
| 13      | 140  | JAYAPATNA       | 120   | KALAMPUR        | 87             | A                     | 219               | 915             |
| 14      | 70   | DHARAMAGARH     | 130   | GOLAMUNDA       | 7              | BADAKANA              | 245               | 1221            |
| 15      | 151  | KESINGA         | 20    | KESINGA         | 108            | TUMURA                | 178               | 886             |
| 16      | 151  | KESINGA         | 20    | KESINGA         | 119            | THEMERA               | 183               | 809             |
| 17      | 70   | DHARAMAGARH     | 80    | DHARAMAGARH     | 42             | KIROKUDA              | 207               | 927             |
| 18      | 102  | KOKASARA        | 110   | KOKASARA        | 76             | KHANATARA             | 228               | 1010            |
| 19      | 91   | JUNAGARH        | 90    | JUNAGARH        | 124            | SUPAD                 | 323               | 1137            |
| 20      | 110  | JAYAPATNA       | 100   | JAYAPATNA       | 121            | DEADR                 | 532               | 2329            |
| 21      | 91   | JUNAGARH        | 130   | GOLANUNDA       | 32             | HIRAPUR               | 356               | 1661            |
| 22      | 110  | JAYAPATNA       | 100   | JAYAPATNA       | 70             | BANDHAGAON            | 357               | 1697            |
| 23      | 70   | DHARAMAGARH     | 80    | DHARAMAGARH     | 31             | KUCHAGAON             | 372               | 1564            |
| 24      | 102  | KOKASARA        | 110   | KOKASARA        | 54             | TIPIGUDA              | 600               | 2600            |
| 25      | 160  | MADANPUR RAMPUR | 50    | KARLAMUNDA      | 207            | TEMARA                | 384               | 1597            |
| 26      | 91   | JUNAGARH        | 90    | JUNAGARH        | 147            | SAPLAHARA             | 382               | 1837            |
| 27      | 170  | NARALA          | 30    | NARLA           | 50             | CHAKULI               | 310               | 1429            |
| 28      | 170  | NARALA          | 30    | NARLA           | 33             | BARAGAON<br>BALBASPUR | 341               | 1694            |
| 1A      | PLEASE SELECT THE NEAREST VILLAGE AS AN ADDITIONAL |                 |       |                 |                |                       |                   |                 |
| 3A      | 120  | THUAMUL RAM PUR | 70    | THUAMUL RAMPUR  | 255            | KANARPAS              | 23                | 89              |
| 5A      | 140  | SADAR           | 10    |                 | 233            | KHAING                | 43                | 212             |
| 9A      | 170  | NARALA          | 30    | NARLA           | 69             |                       | 40                | 185             |
| PSU NO. | UFS NO.  | TOWN / CITY     | CODE  | FRAME CODE      | WARD -<br>CODE | 1V UNIT               | BLO-<br>CK<br>NO. | POP -<br>SIZE   |
| 29      | 1  | KESINGRA        | 3     | 11              | 12             | 1                     | 23                | 500             |
| 30      | 2  | JUNAGARH        | 4     | 11              | 3              | 1                     | 21                | 638             |
| 31      | 3  | BHAWANI PATNA   | 1     | 11              | 11             | 1                     | 1                 | 768             |
| 32      | 4  | BHAWANI PATNA   | 1     | 11              | 9              | 1                     | 10                | 591             |
| 33      | 5  | BHAWANI PATNA   | 1     | 11              | 12             | 1                     | 15                | 730             |
| 34      | 6  | BHAWANI PATNA   | 1     | 11              | 10             | 1                     | 22                | 665             |
| 35      | 7  | BHAWANI PATNA   | 1     | 11              | 12             | 1                     | 31                | 644             |
| 36      | 8  | BHAWANI PATNA   | 1     | 11              | 10             | 1                     | 5                 | 977             |
| 37      | 9  | BHAWANI PATNA   | 1     | 11              | 4              | 2                     | 28                | 485             |
| 38      | 10   | BHAWANI PATNA   | 1     | 11              | 14             | 3                     | 28                | 576             |
| 39      | 11   | BHAWANI PATNA   | 1     | 11              | 13             | 3                     | 30                | 544             |
| 40      | 12   | BHAWANI PATNA   | 1     | 11              | 15             | 3                     | 4                 | 551             |

## Profile of AWs in Kalahandi

|                              | Urban  |       |        | Rural  |       |        | Total (Urban+Rural) |      |        |      |
|------------------------------|--------|-------|--------|--------|-------|--------|---------------------|------|--------|------|
|                              | Number |       |        | Number |       |        | Number              |      |        |      |
|                              | AW     | No.   | No./AW | AW     | No.   | No./AW | AW                  | No.  | No./AW |      |
| Number of households         | 11     | 2513  | 228    | 29     | 7572  | 261    | 40                  | 1008 | 5      | 252  |
| Total population under AWC   | 11     | 12990 | 1181   | 29     | 36074 | 1244   | 40                  | 4906 | 4      | 1227 |
| Number of persons registered |        |       |        |        |       |        |                     |      |        |      |
| 7-12 months                  | 11     | 143   | 13     | 29     | 493   | 17     | 40                  | 636  |        | 16   |
| 1-3 year                     | 11     | 405   | 37     | 29     | 1316  | 45     | 40                  | 1721 |        | 43   |
| 3-6 year                     | 11     | 631   | 57     | 28     | 1854  | 66     | 39                  | 2485 |        | 64   |
| Pregnant women               | 11     | 73    | 7      | 29     | 372   | 13     | 40                  | 445  |        | 11   |
| Lactating women              | 11     | 95    | 9      | 29     | 342   | 12     | 40                  | 437  |        | 11   |
| Adolescent girls             | 11     | 473   | 43     | 29     | 2118  | 73     | 40                  | 2591 |        | 65   |

## Details of work done under NPAG in AW centers

|   | Urban     |              | Rural     |              | Total     |              |
|---|-----------|--------------|-----------|--------------|-----------|--------------|
|   | No        | %            | No        | %            | No        | %            |
| <b>Total number</b>   | <b>11</b> |              | <b>29</b> |              | <b>40</b> |              |
| Weighing  | 11        | 100.0        | 29        | 100.0        | 40        | 100.0        |
| Identifying < 35 kgs  | 11        | 100.0        | 29        | 100.0        | 40        | 100.0        |
| Giving chits to < 35 Kgs                                    | 2         | 18.2         | 13        | 44.8         | 15        | 37.5         |
| Collects grain from ration shop                             | 2         | 18.2         | 15        | 51.7         | 17        | 42.5         |
| Providing NHE to adolescent girls                           | 11        | 100.0        | 29        | 100.0        | 40        | 100.0        |
| AWW oriented to weighing                                    | 11        | 100.0        | 29        | 100.0        | 40        | 100.0        |
| Provided with weighing scale                                | 10        | 90.9         | 29        | 100.0        | 39        | 97.5         |
| <b>Checking accuracy</b>                                    | <b>11</b> |              | <b>29</b> |              | <b>40</b> |              |
| Do not check  | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| Adjusting zero error  | 11        | 100.0        | 29        | 100.0        | 40        | 100.0        |
| With std weight   | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| With std weight and adolescent girl                         | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| With std weight and adolescent girl and removing std weight | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| Any other   | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| <b>Checking accuracy by investigator</b>                    | <b>11</b> |              | <b>29</b> |              | <b>40</b> |              |
| Accurate by 1/2 kg  | 11        | 100.0        | 28        | 96.6         | 39        | 97.5         |
| Inaccurate less than 1 kg                                   | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| Inaccurate > 1 kg   | 0         | 0.0          | 1         | 3.4          | 1         | 2.5          |
| <b>Demonstration of weighing</b>                            | <b>11</b> |              | <b>29</b> |              | <b>40</b> |              |
| Correct   | 11        | 100.0        | 28        | 96.6         | 39        | 97.5         |
| Incorrect   | 0         | 0.0          | 1         | 3.4          | 1         | 2.5          |
| <b>Training of AWW for NHE</b>                              | <b>11</b> | <b>100.0</b> | <b>29</b> | <b>100.0</b> | <b>40</b> | <b>100.0</b> |
| No. of AW giving NHE to P&L                                 | 10        | 90.9         | 29        | 100.0        | 39        | 97.5         |
| Records of work done  | 1         | 9.1          | 13        | 44.8         | 14        | 35.0         |
| <b>NPAG implementation Problems</b>                         | <b>11</b> |              | <b>29</b> |              | <b>40</b> |              |
| No problem  | 11        | 100.0        | 15        | 51.7         | 26        | 65.0         |
| Absence of accurate weighing scale                          | 0         | 0.0          | 1         | 3.4          | 1         | 2.5          |
| Girls do no get weighed                                     | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| Girls do no pick up ration                                  | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| Girls do no consume additional food                         | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| Non-availability of rations in ration shops                 | 0         | 0.0          | 13        | 44.8         | 13        | 32.5         |
| No link between AWW and ration shop                         | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| Any other   | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |
| <b>Corrective measures</b>                                  | <b>10</b> |              | <b>17</b> |              | <b>27</b> |              |
| Inform the authorities                                      | 1         | 10.0         | 15        | 88.2         | 16        | 59.3         |
| Make families and girls aware of NPAG                       | 0         | 0.0          | 1         | 5.9          | 1         | 3.7          |
| Any other   | 9         | 90.0         | 1         | 5.9          | 10        | 37.0         |
| <b>Get support from</b>                                     |           |              |           |              |           |              |
| PRI   | 10        | 90.9         | 29        | 100.0        | 39        | 97.5         |
| Ration Shop   | 1         | 9.1          | 2         | 6.9          | 3         | 7.5          |
| Family of Girls   | 11        | 100.0        | 28        | 96.6         | 39        | 97.5         |
| ANM   | 11        | 100.0        | 29        | 100.0        | 40        | 100.0        |
| <b>Does NPAG improve</b>                                    |           |              |           |              |           |              |
| Nutritional status  | 11        | 100.0        | 29        | 100.0        | 40        | 100.0        |
| Participation in KSY  | 0         | 0.0          | 0         | 0.0          | 0         | 0.0          |

|   | urban  |            |        | Rural  |          |        | Total (Urban+Rural) |      |        |
|---|--------|------------|--------|--------|----------|--------|---------------------|------|--------|
|   | Number |            |        | Number |          |        | Number              |      |        |
|   | AW     | AG         | AG/ AW | AW     | AG       | AG/ AW | AW                  | AG   | AG/ AW |
| Date of last round                        |        | April 2005 |        |        | Jan 2005 |        |                     |      |        |
| Date of current round                     |        | April 2006 |        |        | Jan 2006 |        |                     |      |        |
| <b>LAST ROUND</b>                         |        |            |        |        |          |        |                     |      |        |
| <b>Number of AG</b>                       |        |            |        |        |          |        |                     |      |        |
| <b>Identified</b>                         | 11     | 828        | 75     | 29     | 2451     | 85     | 40                  | 3279 | 82     |
| <b>Weighed</b>                            | 11     | 798        | 73     | 29     | 2410     | 83     | 40                  | 3208 | 80     |
| <b>Weight &lt; 35 Kgs</b>                 | 11     | 445        | 40     | 29     | 1292     | 45     | 40                  | 1737 | 43     |
| <b>New AG &lt; 35 kgs</b>                 | 3      | 18         | 6      | 3      | 76       | 25     | 6                   | 94   | 16     |
| <b>Chits distributed</b>                  | 0      | 0          | 0      | 0      | 0        | 0      | 0                   | 0    | 0      |
| <b>Received rations for</b>               |        |            |        |        |          |        |                     |      |        |
| 1 month                                   | 0      | 0          | 0      | 0      | 0        | 0      | 0                   | 0    | 0      |
| 2 months                                  | 0      | 0          | 0      | 0      | 0        | 0      | 0                   | 0    | 0      |
| 3 months                                  | 0      | 0          | 0      | 4      | 180      | 90     | 0                   | 0    | 0      |
| <b>Nutritional status</b>                 |        |            |        |        |          |        |                     |      |        |
| No change in weight                       | 0      | 0          | 0      | 4      | 35       | 9      | 0                   | 0    | 0      |
| Deterioration in weight                   | 0      | 0          | 0      | 3      | 12       | 4      | 0                   | 0    | 0      |
| Improvement but less than 35 Kgs          | 0      | 0          | 0      | 4      | 88       | 22     | 0                   | 0    | 0      |
| Crossed 35 kgs.                           | 0      | 0          | 0      | 4      | 45       | 11     | 0                   | 0    | 0      |
| <b>Received NHE</b>                       | 11     | 443        | 40     | 27     | 1506     | 56     | 11                  | 443  | 40     |
| <b>Received food supplement under KSY</b> | 0      | 0          | 0      | 1      | 1        | 1      | 0                   | 0    | 0      |
| <b>CURRENT ROUND</b>                      |        |            |        |        |          |        |                     |      |        |
| <b>Number of adolescent girls</b>         |        |            |        |        |          |        |                     |      |        |
| <b>Identified</b>                         | 11     | 904        | 82     | 29     | 2522     | 87     | 11                  | 904  | 82     |
| <b>Weighed</b>                            | 11     | 873        | 79     | 29     | 2471     | 85     | 11                  | 873  | 79     |
| <b>Weight &lt; 35 Kgs</b>                 | 11     | 484        | 44     | 29     | 1352     | 47     | 11                  | 484  | 44     |
| <b>New adolescent girls &lt; 35 kgs</b>   | 6      | 41         | 7      | 15     | 163      | 11     | 6                   | 41   | 7      |
| <b>Number of chits distributed</b>        | 0      | 0          | 0      | 0      | 0        | 48     | 0                   | 0    | 0      |
| <b>Received rations for</b>               |        |            |        |        |          |        |                     |      |        |
| 1 month                                   | 0      | 0          | 0      | 0      | 0        | 90     | 2                   | 180  | 90     |
| 2 months                                  | 0      | 0          | 0      | 0      | 0        | 0      | 0                   | 0    | 0      |
| 3 months                                  | 8      | 386        | 0      | 11     | 529      | 0      | 0                   | 0    | 0      |
| <b>Nutritional status</b>                 |        |            |        |        |          |        |                     |      |        |
| No change in weight                       | 2      | 3          | 2      | 3      | 40       | 13     | 5                   | 43   | 9      |
| Deterioration in weight                   | 1      | 4          | 4      | 1      | 5        | 5      | 2                   | 9    | 5      |
| Improvement but less than 35 Kgs          | 2      | 69         | 35     | 3      | 75       | 25     | 5                   | 144  | 29     |
| Crossed 35 kgs.                           | 1      | 2          | 2      | 2      | 19       | 10     | 3                   | 21   | 7      |
| <b>Received NHE</b>                       | 11     | 476        | 43     | 27     | 1533     | 57     | 38                  | 2009 | 53     |
| <b>Received food supplement under KSY</b> | 0      | 0          | 0      | 1      | 1        | 1      | 1                   | 1    | 1      |

## Details of ICDS components in the current month of the survey

|  | urban  |         |            | Rural  |         |            | Total (Urban+Rural) |         |            |
|--|--------|---------|------------|--------|---------|------------|---------------------|---------|------------|
|  | Number |         |            | Number |         |            | Number              |         |            |
|  | AW     | Persons | Persons/AW | AW     | Persons | Persons/AW | AW                  | Persons | Persons/AW |
| <b>Pregnant women</b>                  |        |         |            |        |         |            |                     |         |            |
| <b>Registered</b>                      | 11     | 76      | 7          | 29     | 393     | 14         | 40                  | 469     | 12         |
| Weighed                                | 11     | 73      | 7          | 29     | 391     | 13         | 40                  | 464     | 12         |
| Less than 40 Kg                        | 7      | 23      | 3          | 13     | 48      | 4          | 20                  | 71      | 4          |
| Received food supplement               | 0      | 0       | 0          | 0      | 0       | 0          | 0                   | 0       | 0          |
| <b>Lactating women</b>                 |        |         |            |        |         |            |                     |         |            |
| <b>Registered</b>                      | 11     | 84      | 8          | 29     | 389     | 13         | 40                  | 473     | 12         |
| Weighed                                | 11     | 81      | 7          | 29     | 385     | 13         | 40                  | 466     | 12         |
| Less than 40 Kg                        | 9      | 33      | 4          | 17     | 66      | 4          | 26                  | 99      | 4          |
| Received food supplement               | 0      | 0       | 0          | 0      | 0       | 0          | 0                   | 0       | 0          |
| <b>0-3 year children</b>               |        |         |            |        |         |            |                     |         |            |
| <b>Registered</b>                      |        |         |            |        |         |            |                     |         |            |
| Male                                   | 11     | 344     | 31         | 29     | 1124    | 39         | 40                  | 1468    | 37         |
| Female                                 | 11     | 284     | 26         | 29     | 1117    | 39         | 40                  | 1401    | 35         |
| <b>Weighed</b>                         |        |         |            |        |         |            |                     |         |            |
| Male                                   | 11     | 338     | 31         | 29     | 1094    | 38         | 40                  | 1432    | 36         |
| Female                                 | 11     | 280     | 25         | 29     | 1062    | 37         | 40                  | 1342    | 34         |
| <b>Nutritional status</b>              |        |         |            |        |         |            |                     |         |            |
| <b>Normal</b>                          |        |         |            |        |         |            |                     |         |            |
| Male                                   | 11     | 208     | 19         | 29     | 474     | 16         | 40                  | 682     | 17         |
| Female                                 | 11     | 143     | 13         | 29     | 403     | 14         | 40                  | 546     | 14         |
| <b>Undernourished</b>                  |        |         |            |        |         |            |                     |         |            |
| Male                                   | 11     | 125     | 11         | 29     | 576     | 20         | 40                  | 701     | 18         |
| Female                                 | 11     | 128     | 12         | 29     | 618     | 21         | 40                  | 746     | 19         |
| <b>Severely undernourished</b>         |        |         |            |        |         |            |                     |         |            |
| Male                                   | 6      | 5       | 1          | 20     | 44      | 2          | 26                  | 49      | 2          |
| Female                                 | 6      | 9       | 2          | 19     | 41      | 2          | 25                  | 50      | 2          |
| <b>Received cooked food supplement</b> |        |         |            |        |         |            |                     |         |            |
| Male                                   | 0      | 0       | 0          | 1      | 76      | 76         | 1                   | 76      | 76         |
| Female                                 | 0      | 0       | 0          | 1      | 46      | 46         | 1                   | 46      | 46         |
| <b>3-6 year children</b>               |        |         |            |        |         |            |                     |         |            |
| <b>Registered</b>                      |        |         |            |        |         |            |                     |         |            |
| Male                                   | 11     | 314     | 29         | 29     | 1075    | 37         | 40                  | 1389    | 35         |
| Female                                 | 11     | 307     | 28         | 29     | 1035    | 36         | 40                  | 1342    | 34         |
| <b>Weighed</b>                         |        |         |            |        |         |            |                     |         |            |
| Male                                   | 11     | 247     | 22         | 29     | 858     | 30         | 40                  | 1105    | 28         |
| Female                                 | 11     | 232     | 21         | 29     | 837     | 29         | 40                  | 1069    | 27         |
| <b>Nutritional status</b>              |        |         |            |        |         |            |                     |         |            |
| <b>Normal</b>                          |        |         |            |        |         |            |                     |         |            |
| Male                                   | 11     | 133     | 12         | 28     | 355     | 13         | 39                  | 488     | 13         |
| Female                                 | 11     | 90      | 8          | 29     | 311     | 11         | 40                  | 401     | 10         |
| <b>Undernourished</b>                  |        |         |            |        |         |            |                     |         |            |
| Male                                   | 11     | 114     | 10         | 28     | 483     | 17         | 39                  | 597     | 15         |
| Female                                 | 11     | 129     | 12         | 28     | 505     | 18         | 39                  | 634     | 16         |
| <b>Severely undernourished</b>         |        |         |            |        |         |            |                     |         |            |
| Male                                   | 0      | 0       | 0          | 8      | 20      | 3          | 8                   | 20      | 3          |
| Female                                 | 3      | 3       | 1          | 8      | 21      | 3          | 11                  | 24      | 2          |
| <b>Received cooked food supplement</b> |        |         |            |        |         |            |                     |         |            |
| Male                                   | 0      | 0       | 0          | 29     | 535     | 18         | 29                  | 535     | 18         |
| Female                                 | 0      | 0       | 0          | 29     | 524     | 18         | 29                  | 524     | 18         |

| Preference for food supplement (%)                 |                |                 |                 |           |           |
|--|----------------|-----------------|-----------------|-----------|-----------|
|  | Pregnant women | Lactating women | Adolescent girl | 0-3 years | 3-6 years |
| Food grains  | 72.9           | 73              | 75.7            | 36.2      | 50.6      |
| RTE  | 21.8           | 21.4            | 15.8            | 21.7      | 39.9      |
| Hot cooked meal                                    | 5.3            | 5.6             | 8.5             | 42.1      | 9.6       |
| Preference for beneficiary of ICDS food supplement |                |                 |                 |           |           |
| All in the community                               | 29.6           | 32.9            | 45.4            |           | 31.8      |
| Only undernourished in the community               | 42.6           | 39.7            | 19.9            |           | 9.0       |
| All coming to AW                                   | 6.2            | 6.4             | 11.4            |           | 39.3      |
| Only undernourished coming to anganwadi            | 1.4            | 2.5             | 22.4            |           | 1.4       |
| Missing  | 20.3           | 18.5            | 0.9             |           | 18.5      |
| Total  | 100.0          | 100.0           | 100.0           |           | 100.0     |

|  | Urban |       | Rural |       | Total |       |
|--|-------|-------|-------|-------|-------|-------|
|  | No.   | %     | No.   | %     | No.   | %     |
| Receiving food supplement from anganwadi |       |       |       |       |       |       |
| Stay and eat there                       | 1     | 0.3   | 165   | 20.3  | 166   | 14.8  |
| Collect food and go home                 | 113   | 36.7  | 199   | 24.5  | 312   | 27.9  |
| Stay at anganwadi even after eating food | 0     | 0.0   | 0     | 0.0   | 0     | 0.0   |
| Do not get supplement                    | 191   | 62.0  | 448   | 55.2  | 639   | 57.1  |
| Get only take home type supplement       | 0     | 0.0   | 0     | 0.0   | 0     | 0.0   |
| One family member collects for all       | 0     | 0.0   | 0     | 0.0   | 0     | 0.0   |
| Missing value                            | 3     | 1.0   | 0     | 0.0   | 3     | 0.3   |
| Total                                    | 308   | 100.0 | 812   | 100.0 | 1120  | 100.0 |

## Details of Household Characteristics in Kalahandi

|   | Urban |              | Rural |            | Total (U+R) |            |
|---|-------|--------------|-------|------------|-------------|------------|
|   | No.   | Mean ±S.D    | No.   | Mean ±S.D  | No.         | Mean ±S.D  |
| Number of PSUs covered                    | 11    |              | 29    |            | 40          |            |
| Number of households                      | 308   |              | 812   |            | 1120        |            |
| <b>Size of HH</b>                         | 308   | 5.2±2.00     | 812   | 4.6±1.76   | 1120        | 4.8±1.84   |
| Total food grains purchased (Kg)          | 305   | 64.0 ± 26.30 | 806   | 63.0±30.75 | 1111        | 63.3±29.58 |
| Kgs of Grains from PDS                    | 165   | 25.4±1.88    | 530   | 23.6±9.24  | 695         | 24.0±8.15  |
|   | No.   | %            | No.   | %          | No.         | %          |
| <b>Type of HH</b>                         | 308   |              | 812   |            | 1120        |            |
| Joint                                     | 72    | 23.4         | 184   | 22.7       | 256         | 22.9       |
| Nuclear                                   | 235   | 76.3         | 626   | 77.1       | 861         | 76.9       |
| Missing Value                             | 1     | 0.3          | 2     | 0.2        | 3           | 0.3        |
| Total                                     | 308   | 100.0        | 812   | 100.0      | 1120        | 100.0      |
| <b>Caste</b>                              | 308   |              | 812   |            | 1120        |            |
| SC  | 79    | 25.6         | 146   | 18.0       | 225         | 20.1       |
| ST  | 10    | 3.2          | 285   | 35.1       | 295         | 26.3       |
| OBC                                       | 140   | 45.5         | 325   | 40.0       | 465         | 41.5       |
| Others                                    | 77    | 25.0         | 54    | 6.7        | 131         | 11.7       |
| Missing Value                             | 2     | 0.6          | 2     | 0.2        | 4           | 0.4        |
| Total                                     | 308   | 100.0        | 812   | 100.0      | 1120        | 100.0      |
| <b>Socio-economic status</b>              | 308   |              | 812   |            | 1120        |            |
| High                                      | 10    | 3.2          | 13    | 1.6        | 23          | 2.1        |
| Middle                                    | 52    | 16.9         | 89    | 11.0       | 141         | 12.6       |
| Low                                       | 246   | 79.9         | 710   | 87.4       | 956         | 85.4       |
| Missing Value                             | 0     | 0.0          | 0     | 0.0        | 0           | 0.0        |
| Total                                     | 308   | 100.0        | 812   | 100.0      | 1120        | 100.0      |
| <b>Literacy status of HHH</b>             | 308   |              | 812   |            | 1120        |            |
| Illiterate                                | 63    | 20.5         | 370   | 45.6       | 433         | 38.7       |
| Can read and write                        | 38    | 12.3         | 216   | 26.6       | 254         | 22.7       |
| Schooling primary                         | 100   | 32.5         | 135   | 16.6       | 235         | 21.0       |
| Schooling secondary                       | 105   | 34.1         | 87    | 10.7       | 192         | 17.1       |
| Missing Value                             | 2     | 0.6          | 4     | 0.5        | 6           | 0.5        |
| Total                                     | 308   | 100.0        | 812   | 100.0      | 1120        | 100.0      |
| <b>Literacy status of wife of HHH</b>     | 286   |              | 730   |            | 1016        |            |
| Illiterate                                | 133   | 46.5         | 545   | 74.7       | 678         | 66.7       |
| can read and write                        | 44    | 15.4         | 104   | 14.2       | 148         | 14.6       |
| Schooling primary                         | 58    | 20.3         | 61    | 8.4        | 119         | 11.7       |
| Schooling secondary                       | 51    | 17.8         | 20    | 2.7        | 71          | 7.0        |
| Missing Value                             | 0     | 0.0          | 0     | 0.0        | 0           | 0.0        |
| Total                                     | 286   | 100.0        | 730   | 100.0      | 1016        | 100.0      |
| <b>Work status of HHH</b>                 | 308   |              | 812   |            | 1120        |            |
| Unemployed                                | 2     | 0.6          | 9     | 1.1        | 11          | 1.0        |
| Unskilled/ landless labourer              | 6     | 1.9          | 325   | 40.0       | 331         | 29.6       |
| Semi-skilled / cultivators                | 1     | 0.3          | 22    | 2.7        | 23          | 2.1        |
| Clerk/office worker/ Teacher / Landowners | 68    | 22.1         | 21    | 2.6        | 89          | 7.9        |
| Business/ Artisans                        | 47    | 15.3         | 9     | 1.1        | 56          | 5.0        |
| Others                                    | 182   | 59.1         | 422   | 52.0       | 604         | 53.9       |
| Missing Value                             | 2     | 0.6          | 4     | 0.5        | 6           | 0.5        |
| Total                                     | 308   | 100.0        | 812   | 100.0      | 1120        | 100.0      |
| <b>Work status of wife of HHH</b>         | 286   |              | 730   |            | 1016        |            |
| Unemployed                                | 1     | 0.3          | 4     | 0.5        | 5           | 0.5        |
| Unskilled/ landless labourer              | 1     | 0.3          | 165   | 22.6       | 166         | 16.3       |
| Semi-skilled / cultivators                | 0     | 0.0          | 0     | 0.0        | 0           | 0.0        |
| Clerk/office worker/ Teacher / Service    | 15    | 5.2          | 0     | 0.0        | 15          | 1.5        |
| Business/ Domestic help                   | 2     | 0.7          | 121   | 16.6       | 123         | 12.1       |
| Others                                    | 267   | 93.4         | 440   | 60.3       | 707         | 69.6       |
| Missing Value                             | 0     | 0.0          | 0     | 0.0        | 0           | 0.0        |
| Total                                     | 286   | 100.0        | 730   | 100.0      | 1016        | 100.0      |
| <b>Dietary Habits</b>                     | 308   |              | 812   |            | 1120        |            |
| Vegetarian                                | 14    | 4.5          | 56    | 6.9        | 70          | 6.3        |
| Non-vegetarian                            | 294   | 95.5         | 756   | 93.1       | 1050        | 93.8       |
| Missing Value                             | 0     | 0.0          | 0     | 0.0        | 0           | 0.0        |
| Total                                     | 308   | 100.0        | 812   | 100.0      | 1120        | 100.0      |
| <b>Monthly Income</b>                     | 308   |              | 812   |            | 1120        |            |
| <5K                                       | 249   | 80.8         | 722   | 88.9       | 971         | 86.7       |
| 5-10K                                     | 49    | 15.9         | 81    | 10.0       | 130         | 11.6       |
| >10K                                      | 10    | 3.2          | 9     | 1.1        | 19          | 1.7        |
| Missing Value                             | 0     | 0.0          | 0     | 0.0        | 0           | 0.0        |
| Total                                     | 308   | 100.0        | 812   | 100.0      | 1120        | 100.0      |
| <b>Locality</b>                           | 308   |              | 812   |            | 1120        |            |
| Slum / Center of village                  | 18    | 5.8          | 643   | 79.2       | 661         | 59.0       |

|                                 | Urban |       | Rural |       | Total (U+R) |       |
|---------------------------------|-------|-------|-------|-------|-------------|-------|
|                                 | No.   | %     | No.   | %     | No.         | %     |
| Resettlement colony / Periphery | 2     | 0.6   | 63    | 7.8   | 65          | 5.8   |
| Regular colony / Harijan basti  | 288   | 93.5  | 105   | 12.9  | 393         | 35.1  |
| Missing Value                   | 0     | 0.0   | 1     | 0.1   | 1           | 0.1   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Type of House</b>            | 308   |       | 812   |       | 1120        |       |
| Kutcha                          | 150   | 48.7  | 644   | 79.3  | 794         | 70.9  |
| Semi-pucca                      | 94    | 30.5  | 149   | 18.3  | 243         | 21.7  |
| Pucca                           | 64    | 20.8  | 19    | 2.3   | 83          | 7.4   |
| Missing Value                   | 0     | 0.0   | 0     | 0.0   | 0           | 0.0   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Ownership of House</b>       | 308   |       | 812   |       | 1120        |       |
| Own                             | 265   | 86.0  | 796   | 98.0  | 1061        | 94.7  |
| Rented                          | 40    | 13.0  | 9     | 1.1   | 49          | 4.4   |
| Missing Value                   | 3     | 1.0   | 7     | 0.9   | 10          | 0.9   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>No. of rooms</b>             | 308   |       | 812   |       | 1120        |       |
| One                             | 15    | 4.9   | 73    | 9.0   | 88          | 7.9   |
| Two                             | 101   | 32.8  | 339   | 41.7  | 440         | 39.3  |
| Three                           | 109   | 35.4  | 307   | 37.8  | 416         | 37.1  |
| > three                         | 82    | 26.6  | 90    | 11.1  | 172         | 15.4  |
| Missing Value                   | 1     | 0.3   | 3     | 0.4   | 4           | 0.4   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Toilet Facility</b>          | 308   |       | 812   |       | 1120        |       |
| Sulabh / No facility            | 218   | 70.8  | 771   | 95.0  | 989         | 88.3  |
| Shared pit                      | 11    | 3.6   | 6     | 0.7   | 17          | 1.5   |
| Own pit                         | 21    | 6.8   | 35    | 4.3   | 56          | 5.0   |
| Own flush                       | 58    | 18.8  | 0     | 0.0   | 58          | 5.2   |
| Missing Value                   | 0     | 0.0   | 0     | 0.0   | 0           | 0.0   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Transport</b>                | 308   |       | 812   |       | 1120        |       |
| Public                          | 102   | 33.1  | 390   | 48.0  | 492         | 43.9  |
| Bicucle                         | 145   | 47.1  | 380   | 46.8  | 525         | 46.9  |
| Scooter / Moped                 | 60    | 19.5  | 38    | 4.7   | 98          | 8.8   |
| Any other                       | 1     | 0.3   | 2     | 0.2   | 3           | 0.3   |
| Missing Value                   | 0     | 0.0   | 2     | 0.2   | 2           | 0.2   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Cooking Fuel used</b>        | 308   |       | 812   |       | 1120        |       |
| Kerosene/ Coal/ Wood            | 236   | 76.6  | 774   | 95.3  | 1010        | 90.2  |
| Gas / electricity               | 72    | 23.4  | 38    | 4.7   | 110         | 9.8   |
| Others                          | 0     | 0.0   | 0     | 0.0   | 0           | 0.0   |
| Missing Value                   | 0     | 0.0   | 0     | 0.0   | 0           | 0.0   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Source of DW</b>             | 308   |       | 812   |       | 1120        |       |
| Public Tap                      | 181   | 58.8  | 557   | 68.6  | 738         | 65.9  |
| Submersible                     | 63    | 20.5  | 227   | 28.0  | 290         | 25.9  |
| Well/ pond/ river               | 64    | 20.8  | 26    | 3.2   | 90          | 8.0   |
| Missing Value                   | 0     | 0.0   | 2     | 0.2   | 2           | 0.2   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Entertainment</b>            | 308   |       | 812   |       | 1120        |       |
| None                            | 125   | 40.6  | 484   | 59.6  | 609         | 54.4  |
| Radio                           | 12    | 3.9   | 209   | 25.7  | 221         | 19.7  |
| TV (BW)                         | 99    | 32.1  | 78    | 9.6   | 177         | 15.8  |
| TV(Col)                         | 72    | 23.4  | 36    | 4.4   | 108         | 9.6   |
| Missing Value                   | 0     | 0.0   | 5     | 0.6   | 5           | 0.4   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Kitchenware</b>              | 308   |       | 812   |       | 1120        |       |
| Clay                            | 0     | 0.0   | 1     | 0.1   | 1           | 0.1   |
| Aluminium                       | 3     | 1.0   | 8     | 1.0   | 11          | 1.0   |
| Cast iron                       | 3     | 1.0   | 1     | 0.1   | 4           | 0.4   |
| Brass / Copper                  | 0     | 0.0   | 4     | 0.5   | 4           | 0.4   |
| Stainless Steel                 | 302   | 98.1  | 792   | 97.5  | 1094        | 97.7  |
| Missing Value                   | 0     | 0.0   | 6     | 0.7   | 6           | 0.5   |
| Total                           | 308   | 100.0 | 812   | 100.0 | 1120        | 100.0 |
| <b>Food grain Purchase</b>      | 308   |       | 812   |       | 1120        |       |
| possession of Ration card       | 199   | 64.6  | 547   | 67.4  | 746         | 66.6  |
| buy grains from Ration Shop     | 184   | 59.7  | 539   | 66.4  | 723         | 64.6  |



## Details of ICDS in Kalahandi

|  | Urban |       | Rural |      | Total (U+R) |      |
|--|-------|-------|-------|------|-------------|------|
|  | No.   | %     | No.   | %    | No.         | %    |
| <b>Awareness about presence of anganwadi</b> | 301   | 97.7  | 800   | 98.5 | 1101        |      |
| <b>Pregnant women</b>                        | 4     |       | 13    |      | 17          |      |
| <b>Visit anganwadi</b>                       |       |       |       |      |             |      |
| Never  | 4     | 100.0 | 7     | 53.8 | 11          | 64.7 |
| Less than 10 days                            | 0     | 0.0   | 5     | 38.5 | 5           | 29.4 |
| 10-20 days                                   | 0     | 0.0   | 1     | 7.7  | 1           | 5.9  |
| More than 20 days                            | 0     | 0.0   | 0     | 0.0  | 0           | 0.0  |
| <b>Receive NHE</b>                           | 0     | 0.0   | 6     | 46.2 | 6           | 35.3 |
| <b>Receiving food supplement</b>             | 0     | 0.0   | 3     | 23.1 | 3           | 17.6 |
| Less than 10 days                            | 0     | 0.0   | 1     | 33.3 | 1           | 33.3 |
| 10-20 days                                   | 0     | 0.0   | 2     | 66.7 | 2           | 66.7 |
| More than 20 days                            | 0     | 0.0   | 0     | 0.0  | 0           | 0.0  |
| <b>Lactating women</b>                       | 17    |       | 48    |      | 65          |      |
| <b>Visit anganwadi</b>                       |       |       |       |      |             |      |
| Never  | 5     | 29.4  | 11    | 22.9 | 16          | 24.6 |
| Less than 10 days                            | 11    | 64.7  | 26    | 54.2 | 37          | 56.9 |
| 10-20 days                                   | 1     | 5.9   | 5     | 10.4 | 6           | 9.2  |
| More than 20 days                            | 0     | 0.0   | 6     | 12.5 | 6           | 9.2  |
| <b>Receive NHE</b>                           | 12    | 70.6  | 37    | 77.1 | 49          | 75.4 |
| <b>Receiving food supplement</b>             | 0     | 0.0   | 30    | 62.5 | 30          | 46.2 |
| Less than 10 days                            | 0     | 0.0   | 4     | 13.3 | 4           | 13.3 |
| 10-20 days                                   | 0     | 0.0   | 3     | 10.0 | 3           | 10.0 |
| More than 20 days                            | 0     | 0.0   | 23    | 76.7 | 23          | 76.7 |
| <b>0-3 year children</b>                     | 60    |       | 170   |      | 230         |      |
| <b>Visit anganwadi</b>                       |       |       |       |      |             |      |
| Never  | 16    | 26.7  | 84    | 49.4 | 100         | 43.5 |
| Less than 10 days                            | 38    | 63.3  | 70    | 41.2 | 108         | 47.0 |
| 10-20 days                                   | 2     | 3.3   | 7     | 4.1  | 9           | 3.9  |
| More than 20 days                            | 4     | 6.7   | 9     | 5.3  | 13          | 5.7  |
| <b>Receive NHE</b>                           | 40    | 66.7  | 78    | 45.9 | 118         | 51.3 |
| <b>Receiving food supplement</b>             | 4     | 6.7   | 34    | 20.0 | 38          | 16.5 |
| Less than 10 days                            | 2     | 50.0  | 9     | 26.5 | 11          | 28.9 |
| 10-20 days                                   | 0     | 0.0   | 2     | 5.9  | 2           | 5.3  |
| More than 20 days                            | 2     | 50.0  | 24    | 70.6 | 26          | 68.4 |
| <b>Weight of children</b>                    | 50    | 83.3  | 151   | 88.8 | 201         | 87.4 |
| <b>Nutritional status of children</b>        |       |       |       |      |             |      |
| Normal                                       | 40    | 80.0  | 94    | 62.3 | 134         | 66.7 |
| Undernourished                               | 10    | 20.0  | 55    | 36.4 | 65          | 32.3 |
| Severely undernourished                      | 0     | 0.0   | 1     | 0.7  | 1           | 0.5  |
| Donot know                                   | 0     | 0.0   | 0     | 0.0  | 0           | 0.0  |
| Missing value                                | 0     | 0.0   | 0     | 0.0  | 0           | 0.0  |
| <b>3-6 year children</b>                     | 99    |       | 240   |      | 339         |      |
| <b>Visit anganwadi</b>                       |       |       |       |      |             |      |
| Never  | 20    | 20.2  | 56    | 23.3 | 76          | 22.4 |
| Less than 10 days                            | 58    | 58.6  | 37    | 15.4 | 95          | 28.0 |
| 10-20 days                                   | 4     | 4.0   | 22    | 9.2  | 26          | 7.7  |
| More than 20 days                            | 17    | 17.2  | 125   | 52.1 | 142         | 41.9 |
| <b>Receive NHE</b>                           | 69    | 69.7  | 177   | 73.8 | 246         | 72.6 |
| <b>Receiving food supplement</b>             | 3     | 3.0   | 166   | 69.2 | 169         | 49.9 |
| Less than 10 days                            | 1     | 33.3  | 8     | 4.8  | 9           | 5.3  |
| 10-20 days                                   | 0     | 0.0   | 16    | 9.6  | 16          | 9.5  |
| More than 20 days                            | 2     | 66.7  | 142   | 85.5 | 144         | 85.2 |
| <b>Weight of children</b>                    | 83    | 83.8  | 189   | 78.8 | 272         | 80.2 |
| <b>Nutritional status of children</b>        |       |       |       |      |             |      |
| Normal                                       | 71    | 85.5  | 115   | 60.8 | 186         | 68.4 |
| Undernourished                               | 12    | 14.5  | 69    | 36.5 | 81          | 29.8 |
| Severely undernourished                      | 0     | 0.0   | 0     | 0.0  | 0           | 0.0  |
| Donot know                                   | 0     | 0.0   | 5     | 2.6  | 5           | 1.8  |
| Missing value                                | 0     | 0.0   | 0     | 0.0  | 0           | 0.0  |

## Details of NPAG in Kalahandi

|  | Urban |                 | Rural |                 | Total (U+R) |                |
|--|-------|-----------------|-------|-----------------|-------------|----------------|
|  | No.   | Mean $\pm$ S.D  | No.   | Mean $\pm$ S.D  | No.         | Mean $\pm$ S.D |
| <b>Number of adolescent girls</b>              | 292   |                 | 527   |                 | 819         |                |
| <b>Mean age (years)</b>                        | 292   | 14.1 $\pm$ 2.46 | 527   | 14.1 $\pm$ 2.45 | 819         |                |
| <b>Mean weight (Kgs)</b>                       | 275   | 32.5 $\pm$ 6.64 | 474   | 32.4 $\pm$ 7.02 | 749         |                |
|  | No.   | %               | No.   | %               | No.         | %              |
| <b>Literacy status</b>                         |       |                 |       |                 |             |                |
| Illiterate                                     | 12    | 4.1             | 137   | 26.0            | 149         | 18.2           |
| Can read and write                             | 19    | 6.5             | 62    | 11.8            | 81          | 9.9            |
| Schooling primary                              | 173   | 59.2            | 209   | 39.7            | 382         | 46.6           |
| Schooling secondary                            | 88    | 30.1            | 119   | 22.6            | 207         | 25.3           |
| <b>Marital status (%)</b>                      |       |                 |       |                 |             |                |
| Currently married                              | 2     | 0.7             | 10    | 1.9             | 12          | 1.5            |
| Never married                                  | 290   | 99.3            | 517   | 98.1            | 807         | 98.5           |
| <b>Age at marriage (%)</b>                     |       |                 |       |                 |             |                |
| 10-13 years                                    | 0     | 0.0             | 0     | 0.0             | 0           | 0.0            |
| 13-16 years                                    | 1     | 0.3             | 1     | 0.2             | 2           | 0.2            |
| 16-19 years                                    | 1     | 0.3             | 9     | 1.7             | 10          | 1.2            |
| not married                                    | 290   | 99.3            | 517   | 98.1            | 807         | 98.5           |
| <b>KSY and NPAG</b>                            | 283   | 96.9            | 471   | 89.4            | 754         | 92.1           |
| Awareness about KSY                            | 204   | 72.1            | 265   | 56.3            | 469         | 62.2           |
| Awareness about NPAG                           | 44    | 15.5            | 105   | 22.3            | 149         | 19.8           |
| Visit Anganwadi centre                         |       |                 |       |                 |             |                |
| For KSY  | 204   | 72.1            | 255   | 54.1            | 459         | 60.9           |
| For NPAG                                       | 43    | 15.2            | 103   | 21.9            | 146         | 19.4           |
| Never  | 36    | 12.7            | 111   | 23.6            | 147         | 19.5           |
| Receive NHE                                    | 123   | 43.5            | 165   | 35.0            | 288         | 38.2           |
| Receive IFA                                    | 207   | 73.1            | 282   | 59.9            | 489         | 64.9           |
| <b>Receive food supplements from anganwadi</b> | 280   | 100             | 468   | 100             | 748         | 100            |
| Never  | 277   | 98.9            | 347   | 74.1            | 624         | 83.4           |
| Less than 10 days                              | 0     | 0.0             | 84    | 17.9            | 84          | 11.2           |
| 10-20 days                                     | 3     | 1.1             | 21    | 4.5             | 24          | 3.2            |
| more than 20 days                              | 0     | 0.0             | 16    | 3.4             | 16          | 2.1            |
| <b>Weight by AWW</b>                           | 271   | 92.8            | 377   | 71.5            | 648         | 79.1           |
| <b>Weighing less than 35 kgs (%)</b>           | 191   | 70.5            | 212   | 56.2            | 403         | 62.2           |
| <b>Given a chit for free food grains</b>       | 162   | 84.8            | 106   | 50.0            | 268         | 66.5           |
| <b>Went to ration shop to collect grains</b>   | 162   | 100.0           | 106   | 100.0           | 268         | 100.0          |
| <b>Collection of grains from ration shop</b>   |       |                 |       |                 |             |                |
| one month                                      | 2     | 1.2             | 67    | 63.2            | 69          | 25.7           |
| two months                                     | 3     | 1.9             | 4     | 3.8             | 7           | 2.6            |
| three months                                   | 156   | 96.3            | 6     | 5.7             | 162         | 60.4           |
| never  | 1     | 0.6             | 29    | 27.4            | 30          | 11.2           |
| <b>Reason for not getting food grains</b>      |       |                 |       |                 |             |                |
| not aware of NPAG                              | 0     | 0.0             | 0     | 0.0             | 0           | 0.0            |
| did not go to ration shop                      | 0     | 0.0             | 0     | 0.0             | 0           | 0.0            |
| ration shop closed                             | 0     | 0.0             | 0     | 0.0             | 0           | 0.0            |
| ration shop opened but no stock                | 1     | 100.0           | 29    | 100.0           | 30          | 100.0          |
| do not require ration                          | 0     | 0.0             | 0     | 0.0             | 0           | 0.0            |
| <b>After receiving food grains</b>             |       |                 |       |                 |             |                |
| no change in weight                            | 17    | 10.5            | 26    | 24.5            | 43          | 16.0           |
| deterioration in weight                        | 2     | 1.2             | 3     | 2.8             | 5           | 1.9            |
| improvement in weight < 35 Kgs                 | 130   | 80.2            | 77    | 72.6            | 207         | 77.2           |
| crossed 35 kgs                                 | 13    | 8.0             | 0     | 0.0             | 13          | 4.9            |

## Principal Investigator's Summary

| Year wise details of the implementation of the NPAG  | 2003-04  |  | 2004-05   |          | 2005-06  |  |
|--|--|--|---|----------|--|--|
|  | Amount   | Date   | Amount  | Date     | Amount   | Date   |
| Finance received from the State  | 52,52,801.00<br>66,67,693.00<br>04,81,801.00<br>02,42,340.00<br>60,113.00  | 22.12.03<br>24.12.03<br>12.03.04<br>12.03.04<br>12.03.04 | Nil   |          | 52,19,892.00<br>20,00,959.00<br>14,78,969.00<br>10,51,827.00<br>37,12,331.00<br>14,23,060.00   | 30.11.05<br>30.11.05<br>30.11.05<br>31.01.06<br>31.01.06<br>31.01.06 |
| Finance given to Civil Supplies  | 35,01,868.00<br>17,09,245.00<br>41,688.00<br>40,32,000.00  | 17.02.03<br>13.03.03<br>24.03.03<br>25.02.04             | 32,000.00   | 25.05.04 | 66,78,266.00   | 19.01.06   |
| Civil supplies –food grain release (rice in qtl.)  | 5,558.52<br>2,779.26<br>6,400.00   | 18.2.03<br>21.3.03<br>31.3.04                            |   |          | 9,820.98   | 21.2.06  |
| DWCD – implementation  |  |  |   |          |  |  |
| At the village level   | Rice supplied by CS reached the villages after March'03, hence it was distributed only in the year 2003-04 for once in the year  |  | Rice supplied by CS reached the villages after March'04, hence it was distributed only in the year 2004-05 for once in the year |          | Rice supplied by CS reached the villages after March'06, hence it was distributed only in the year 2005-06 for once in the year  |  |
| Fund release to AWC  |  |  |   |          |  |  |
| Ration shop – providing food grains<br>In Kalahandi ration shops were never used for distribution of rice as there are not enough of them and also not in each village | As per decision of the District Admn. The Rice was distributed by the AWW after obtaining from Panchayats  |  |   |          | During the year 03-04 the district observed that the AWWs are not distributing the rice properly. Hence during this phase AWWs are only providing the chits and the Panchayats are giving the rice in lieu of the chit provided by the AWW |  |
| Village population – accessing availing the services   | Approx. 16 % of total population   |  | Approx. 18 % of total population  |          | Approx. 21 % of total population   |  |
| Problems faced in implementation and how they were over come   | The money always reaches the district at the fag end of the year. Hence the beneficiary gets grain in the next financial year of the fund release. There are not enough ration shops to distribute the grain. They tried with the AWWs in the first year but that was not effective. Now they are trying to give the grains through Panchayats. Hardly any body in the system is aware of the NPAG and has not received any guidelines regarding the programme and record keeping. The grains are distributed twice since 2002-03 till now and that too for two to three months only. After the evaluation process the district seems have woken up and taking steps to implement it. Although the grains have been released since February 2006 it has not reached the Panchayats in T.Rampur block till now. There are not enough weighing machines in serviceable condition in the district |  |   |          |  |  |