

**Mapping the Socially Excluded: Beyond Poverty Measurements  
Report on Primary Survey in Cooch Behar, West Bengal**

**Survey Report of the CSSSC-UNICEF Social Inclusion Cell**

**October 2010**

CSSSC Faculty Members

Prof. Sugata Marjit (Convenor and Nodal Faculty)

Dr. Pranab Kr. Das

Dr. Sohel Firdos

Dr. Saibal Kar

Dr. Surajit Mukhopadhyay

Project Associates

Ms. Riddhita Banerjee

Ms. Dyotona Dasgupta

Ms. Srimanti Mukherjee

Mr. Mukhlesur Rahman

**Acknowledgement:**

The research team at the Centre duly acknowledges substantial support from various members of the district government of Cooch Behar and faculty at Cooch Behar Government College (Dr. Pankaj Kumar Debnath and Sri Subhasis Bhattacharya) and Tufangunj College (Prof. Bijay Som). We are also indebted to Madhumanti Kayal and Anindita Chakraborty for help with the analysis at various stages.

**Contents**  
**Executive Summary**

**1. Introduction**

**2. Rationale for the Research Activity**

- 2.1. Social and Economic Exclusion
- 2.2. Scope and Coverage

**3. Survey Methodology**

*Detailed Methodology*

**4. The Social Exclusion Index for Cooch Behar**

**5. Analysis at the Household Level (Tables)**

- 5.1 Housing Status I (B1a- B1d/ A1a-A1d)
- 5.2 Housing Status II (B2a-B2d/ A2a-A2d)
- 5.3 Drinking Water (B3a-B3d/ A3a-A3d)
- 5.4 Children and Diseases (B4a-B4d and B6a-B6b/ A4a-A4d and A6a-A6b)
- 5.5 Mother's Health (B7a-d and B8a-d/ A7a-d and A8a-d)
- 5.6 Breast Feeding Status by Mother (B9a-d/ A9a-d)
- 5.7 Information related to childbirth (B10a-d/ A10a-d)
- 5.8 Administering Vitamin among Infants (B11a-b / A11a-b)
- 5.9 Land and Other Assets (B12a-d/ A12a-d)
- 5.10 Educational Status among Children (B13a-c/ A13a-c)
- 5.11 Primary source of Household Incomes and Expenditures (B14a-c/ A14a-c)  
and (B15a-c/ A15a-c)
- Public Distribution System (B16a-b/ A16 a-b)
- 5.12 Vaccination among Children (B17a-b / A17a-b)

**6. Social Discrimination in Education – A Comparative Analysis Across  
Caste and Religious Groups**

**7. Concluding Remarks**

## **Executive Summary**

Empirical studies from India show that certain regions and communities despite geographic, economic and cultural proximity to major towns are left out of important socio-economic achievements in the country. Despite wide-spread economic growth and prosperity in recent times these communities have traditionally been neglected and left out of the process of development. Several reasons can be adduced for this and a large literature dealing with exclusion and welfare has developed on the issue. Some of these studies argue that a major cause of marginalization due to exclusion can be attributed to historical reasons and to caste discrimination, tribal isolation, low levels of technology in farming or animal husbandry and the lack of adequate levels of literacy.

It is in this context that UNICEF, India collaborates with the Centre for Studies in Social Sciences, Calcutta (CSSSC) to set up a knowledge hub about social exclusion in general and with initial emphasis on West Bengal. In addition to accumulating academic and operational resources on aspects of social exclusion and building synergies within institutions dealing with related issues, the CSSSC-UNICEF Social Inclusion Cell also conducts primary surveys in districts of West Bengal. The present report documents the first major survey at the district Level for Cooch Behar, in the north of West Bengal. Since CSSSC is involved with several contemporary studies on the socio-economic conditions of the rural poor in West Bengal and neighboring states, the present report includes some highlights from these studies as well discussing access to critical public goods like education and health for a number of districts in West Bengal.

The report is based on a primary survey of 50 villages in the district of Cooch Behar, one of the six districts that this project intends to cover over the coming years.

Social Exclusion implies that despite apparent availability of several goods and services, certain sections of the population remain outside its coverage for many reasons. The caste and religious divides in a country like India is well known and many of the gaps in intra-community access to services owe their roots to such historical categorizations. Apart from that lack of geographic contiguity/proximity could also be a significant factor that affects access to many public services and facilities. Thus, it is possible that communities that are either distant geographically or according to social classifications may be excluded from the process of development even at a time when the effects of growth are touching the livelihoods of a large number of people in the country. We identify a large number of factors that are potential candidates for explaining the degree of social exclusion facing communities. These include, access to basic amenities such as housing, drinking water, sanitation, health, infrastructure, education on the one hand, and public distribution of food grains, development schemes, credit facilities etc. on the other.

A large number of tables are presented in the main text of this report that display the level and extent of social exclusion facing the SC/STs and the general caste communities in the district. All of these tables offer two subsequent ranking of the villages that are excluded over a continuum of 50 villages. Depending upon the type of issue under consideration in each table, the villages are either most excluded or least excluded at both ends of the distribution. For example, if the residents of a village face little or no access to health facilities/infrastructure/schooling, according to unweighted ranking the village is deemed as most excluded. However, one must notice that several sub-components constitute the main issue and we use the well-known Principal Component Analysis to assign appropriate weights to each of these components. The

weighted ranks may or may not be same as that observed under unweighted ranking. In general we observe quite similar trends in both – the village residents who are most excluded according to the unweighted index also rank among the worst performers (or sufferers) in terms of the weighted index. There are many other categories that to some extent depend on the cultural or religious distribution in respective villages. It ranges from institutional deliveries to use of in-house bathrooms.

The social exclusion index for every single component should provide a large number of cases where focused and directed interventionist policies may be adopted relatively easily. The index, as we emphasize are glaring examples of development deficits in these villages. The large number of governmental schemes that have been implemented in the country thus far and continue to draw attention from the general population and the policymakers alike seems to have failed to deliver the desired outcomes in most cases. It is possible that the problems are specific to districts or even a particular state in the country. The proposed survey design shall help to accommodate both cross-sectional and dynamic aspects of the extent of exclusion as we define and hypothesize in this report.

Finally, the project offers a huge emphasis on the condition of children. To this extent, we borrowed questions from the NFHS survey components. The direct and indirect questions affecting the well being of children in all villages have received due coverage in our report. We identified places where institutional delivery, vaccination, administering of vitamin doses, schooling, parental occupations, household income levels etc. are reportedly below the average and might be critical factors behind social exclusion. Once again, directed policy interventions should pay more attention to issues

like widespread coverage of vaccination, sensitization of breast milk practices just after birth, exclusive breast milk practices for infants, provision of better institutional delivery for mothers, better pre-natal and ante-natal care etc. Moreover, regular, and hygienic mid-day meals, school supplies including books, school uniforms and maybe additional household level support to retain potential drop-outs in school are critical issues in need of directed interventions.

**Mapping the Socially Excluded: Beyond Poverty Measurements**  
**Report on Primary Survey in Cooch Behar, West Bengal**

**1. Introduction**

There is widespread recognition that the benefits of growth have not reached all sections of the society in India. The poorer sections have remained out of its purview leading to the exclusion of particular sections from its benefits. As a result more than sixty years after independence about half our population still remains deprived of the basic necessities of life. A recent report on *Human Development in India: Challenges for a Society in Transition* (2010) finds that the *adivasis* and *dalits* are at the bottom of most development indicators. It also noticed that in regard to education Muslims were akin to the *adivasis* and *dalits*, though economically they were closer to the other backward classes (OBCs). Differential access to livelihood options seems one of the main reasons behind deprivation and hence social exclusion. While prized occupational categories are contingent on quality education and acquisition of contemporary skills, these are difficult to obtain in many parts of the widespread rural countryside in India.

The present project maps the socially excluded population across West Bengal. It is an effort to identify if the marginalized sections in the state are chronically deprived of various public facilities and lack of access to basic amenities including schooling for the children. It is well known that lack of access to education or health is not uncommon for most places in the state as well as the entire country. But, there are variations in the degree to which such deficiencies hinder economic prosperity. We rank villages in respective districts on the basis of these facilities and construct a reasonable measure of ‘social exclusion’. Studies on marginality and exclusion clearly delineate that the dearth

of opportunities plaguing excluded households take extreme forms with regard to conditions of children. Focus on the state of children in these districts takes central importance in our report.

Empirical studies from India show that certain regions and communities despite geographic, economic and cultural proximity to major towns are left out of important socio-economic achievements in the country. Despite wide-spread economic growth and prosperity in recent times these communities have traditionally been neglected and left out of the process of development. Several reasons can be adduced for this and a large literature dealing with exclusion and welfare has developed on the issue. Some of these studies argue that a major cause of marginalization due to exclusion can be attributed to historical reasons and to caste discrimination, tribal isolation, low levels of technology in farming or animal husbandry and the lack of adequate levels of literacy.

It is in this context that UNICEF, India collaborates with the Centre for Studies in Social Sciences, Calcutta (CSSSC) to set up a knowledge hub about social exclusion in general and with initial emphasis on West Bengal. In addition to accumulating academic and operational resources on aspects of social exclusion and building synergies within institutions dealing with related issues, the CSSSC-UNICEF Social Inclusion Cell also conducts primary surveys in districts of West Bengal. The present report documents the first major survey at the district Level for Cooch Behar, in the north of West Bengal. Since CSSSC is involved with several contemporary studies on the socio-economic conditions of the rural poor in West Bengal and neighboring states, the present report includes some highlights from these studies as well discussing access to critical public goods like education and health for a number of districts in West Bengal.



Section 2 discusses the scope and motivation behind this study. Section 3 discusses the survey methodology and the space for intervention. Section 4 offers detailed analysis of the primary survey in Cooch Behar – each sub-section covers an aspect of social exclusion. Section 5 compares findings of this survey with earlier studies (albeit, for a larger number of districts and hence households) dealing with rural decentralization practices in West Bengal and its implications for social exclusion across communities and categories of services. All relevant tables and graphs are provided within the text and in the appendix to substantiate our claims.

## **2. Rationale for the Research Activity**

### **2.1. Social and Economic Exclusion**

It is well known that for many developing countries economic and social backwardness at the regional level is quite high. For example, the level of economic backwardness for the district of South 24 Parganas or Purulia in West Bengal is reflected in the rural BPL percentage – around 37 for both as of 2002. For predominantly rural areas, this is a relatively high share of poor people. However, for the entire country such percentages are not uncommon for a large number of districts and states. Thus, our purpose in this project is to identify what share of poor people is excluded from social and economic activities in addition to being poor. In other words, the socially excluded people constitutes a subset of the poor people in selected regions – for example, agricultural labourers comprise almost 20% of the workforce in South 24 Parganas, SC families at least 10% of the total population, etc. and these could be the core group who are socially excluded. More generally, there are communities within each state and districts, which are extremely marginalized owing to several ‘other’ economic, social and

political factors than those commonly discussed in the literature.

The factors behind social and economic exclusions are varied. As hypotheses behind social exclusion, one may consider the strength of political representation of communities in a democratic country, occupational categories that cannot be easily inducted into mainstream activities, social classes that continue to remain least integrated and so on. Some of these are empirical questions and dealing with these requires significant knowledge of the idiosyncratic characteristics of these communities. The concept of 'exclusion' dwells heavily on the lack of visibility of such communities in political and social groups and a contemporary reappraisal of vulnerable communities is an important contribution of this report. Note that, we do not restrict this study to visibly excluded tribal communities such as Ghasis and Sabars of Purulia alone. Instead, we argue that even communities that have apparently close connections with the socially and economically empowered groups in a society could be suffering from some degree of social exclusion. The problem of social exclusion, therefore, is general and prevalent in almost all communities regardless of spatial, religious or cultural distances from the center of activities.

Presently, we analysis the conditions for only one district in West Bengal, namely Cooch Behar. Over time we hope to extend this analysis to a larger number of districts in West Bengal and beyond. This should give us adequate scope to compare the extent of social exclusion across regions and construct a critical level of social exclusion. Interestingly, in recent times, the aspect of social exclusion has started receiving substantial emphasis from national and supranational agencies. The cross-sectional and longitudinal data that we plan to gather on the subject shall be of significant use in favor

of strategic interventions. In the process, we would be able to pinpoint the exact requirements at the village level for the chosen districts that public intervention may address.

## **2.2. Scope and Coverage**

The present and forthcoming studies on social exclusion in West Bengal shall provide a basis for comparison between those communities that are traditionally excluded from social and economic activities vis-à-vis those that are not historically excluded. Geographic isolation may be treated as an outcome of low levels of infrastructure development – the lack of roads and railways in particular and other means of communication in general. In most cases as we shall demonstrate, lack of communication facilities hinders economic inclusion into the larger communities. Importantly, social exclusion may not be a function of geographic isolation only. Even within spatially close communities, social exclusion may result from other factors as discussed above. Consequently, this report takes into account all possible sources of social exclusion in the villages of Cooch Behar and offers a readily interpretable measure. Not surprisingly, social exclusion can lead to various tensions within communities leading to polarization – a deeply debated issue in recent times concerning social and economic inequality across communities or regions.<sup>1</sup> The novel contribution of this study is that there has been no systematic analysis of social exclusion for large communities in India. We capture the distributional patterns for excluded communities in West Bengal as a starting point.

---

<sup>1</sup> Debraj Ray: *Polarization and Conflict*, R.C. Dutt Lecture, CSSSC, 2006. Vertical polarization refers to the caste polarization in India, while horizontal polarization refers to conflict between say Singhalese and Tamils in Sri Lanka.

It is important to reconsider the fact that exclusion is marked by many socio-economic factors and covers a broad range of issues from the economic indicators like occupation, wages, human capital, health and living conditions; political indicators like political participation and representation; social indicators such as caste, religion etc., all of which are often functionally related. We shall focus on a number of such factors and construct a measure of social exclusion at the village level.

In addition, inability to access Common Property Resources (CPRs) lead to significant degree of marginalization and hence exclusion among various groups. The problem is widespread and may exist with or without the presence of markets for facilities like surface and ground water, cultivable land, forest resources like firewood, fishing ponds and so on. Social exclusion may also emerge from distributional complexities associated with natural resources; in fact, it is fairly common that along irrigation belts in West Bengal and elsewhere, the up-stream users are in a much more advantageous position compared to those in the downstream. Furthermore, market as an institution may also be rather exclusionary in nature particularly in poorer countries. Taking these into consideration, it may be argued that while certain measures may be applicable across time and space, others may have to be tailored to address unique forms of exclusion not encountered in other parts of the same country. This report undertakes a thorough mapping of all excluded communities in Cooch Behar and points out the need for intervention.

The following broad questions are addressed in this study:

- a) What is the distribution of socially and economically excluded population in the district of Cooch Behar, West Bengal?

- b) What is the village wise rank for social exclusion for several socio-economic and political categories in the district?
- c) What are the differences in ranks between SC/ST communities and non-SC/ST communities (including OBCs) in the same village for these categories?

### **3. Survey Methodology**

A primary survey based on a stratified random sampling of households in 50 villages is used for measuring the extent of social exclusion in Cooch Behar – one of the six districts that the CSSSC-UNICEF Cell for Social Inclusion intends to cover over time. Districts have primarily been selected on the basis of average per-capita income at the district level. 12 districts featured in the list of which we intend to conduct the survey for 6 in the coming years. For Cooch Behar, the first one we have chosen for the primary survey household level data has been collected from 50 villages identified on the basis of the share of SC/ST population at the village level. We arranged the villages according to three layers of SC/ST population – those with 10 per cent population belonging to SC/ST category; those with SC/ST population between 10% and 40% and those with SC/ST population above 40%.

Measuring the degree of social exclusion is the main objective of this study. Without mapping and ranking of regions, communities and villages by use of a cardinal / numerical measure of access to various services and facilities identified in this study, the level of intervention desired cannot be estimated. The cross-sectional measure will give us a distribution of villages ranked according to their degree of access to attributes like

education, health, drinking water, vaccination to children, institutional delivery etc. The villages which rank high in terms of positive attributes are *least* socially excluded compared to those living in villages where access to these amenities is minimal. On the other hand, residents of villages prone to several health hazards and suffering from chronic diseases over time are also ranked high. Note that, this ranking is in terms of the negative attributes. The ranking in this case offers an inverse measure of social exclusion and villages ranking low according to such negative features are considered *least* socially and economically excluded. In other words, negative low rankings imply that residents have access to important facilities and basic livelihood support.

The ranking of villages is likely to change over time as we collect more data, comprehend and interpret all relevant information on the subject. It has been initially discussed in our proposal that we intend to incorporate the index of social exclusion at the village level in the well-known HDI ranking and re-estimate the level of HDI at the district level. We are in the process of constructing appropriate theoretical and applied measures to this end and should be made available in forthcoming reports and studies.

A concern remains that construction of indices for traditionally recognized socially excluded groups only will not throw sufficient light on the extent of exclusion vis-à-vis privileged social communities. Therefore, it is very important to build an index for non-excluded groups simultaneously and construct a statistical measure of distance. The measure of distance like the rankings is dynamic in nature and likely to provide useful information on the extent of convergence or divergence between SC/ST categories and others.

Finally, since the focus of this report is on the welfare of the children among the

groups and communities studied, the social exclusion index is constructed with those elements that directly and indirectly affect the conditions of the children. More specifically, the index shall include variables like children's educational attainment, child health, nutritional status, consumption share within the households with gender focus, school attendance, access to other basic amenities (which may be same for the household or the community as a whole), personal hygiene, access to common property resources, etc.

### *Detailed Methodology*

First, we identify the excluded districts on the basis of per-capita income/HDI ranks at the district level. We used GDP per capita as the primary indicator of backwardness. It also serves as a catch all measure for the additional socio-economic variables that are not captured by the health and education components. Therefore, all districts with a per capita state domestic product below the state average are potential candidates in our analysis. It follows that 12 districts in West Bengal are economically backward i.e. display lower per capita income than the average. As an alternative to per capita income classification, we used HDI as the indicator of backwardness at the district level and find that 12 districts qualify. However, the set of districts is not the same as before. Presently, we stick to the per capita income classification and notably, Cooch Behar features in both.

The extent of exclusion within a district will be measured through a suitable statistical measure of distance. The distance here would mean distance between the overall outcome measures between the historically excluded groups (SCs /STs/ religious

minorities) and the non-excluded groups (general caste category and OBCs). A household sample survey will be conducted for capturing village level ranks for various components for each of the two groups. These include, mother and child health, nutrition, school education and child protection among several other things. The ranking at the village level is obtained as unweighted ranks and weighted ranks – the latter follows from use of the Principal Component Analysis as a statistical measure.

For each of the districts all the constituent villages are first listed and a random sample of 10% of villages (with a minimum of 50 villages) is selected. The villages in the district are stratified into three groups – villages with percentage of SC plus ST population 40% or more, villages with SC plus ST population between 10% and 39% and villages with SC plus ST population less than 10%. All villages with SC plus ST population less than 10% are excluded from the frame owing to predominantly large ‘other’ population share. Choice of 10% (or 50 villages) in the higher strata is done through a proper allocation method. Simple random sampling is adopted for selection of villages from these strata.

Once the villages are chosen, a complete listing of all households in that village is done. All households in villages with population up to 1200 are listed. For villages with population more than 1200, hamlets of 600 people each will be drawn maintaining geographical contiguity, and any two hamlets will be randomly selected to carry out the survey. In each such case a total of 24 households (10% sample assuming an average household size of 5) will be selected from each hamlet. For villages where hamlets are selected, all the households are listed and a combined list is prepared before selecting the 24 households.



The data is used for running the principal-component analysis (henceforth, PCA). The PCA addresses the issue of how many dimensions there are or how much independence there really is in the set of  $k$  variables or indicators that are deployed to analyze the dependent variable. To be more explicit, we consider the transformation of  $X$ 's to a new set of variables which variance, the second the maximum possible variance among those uncorrelated with the first, and so on. That is to say, we have to find a vector of weights  $a_1 = [a_{j1}]_{k \times 1}$  for the first principal component that will achieve such a transformation of  $X$ 's, and similarly for the other principal components. The rationality of using PCA for finding the weights of the indicators can be justified by the fact that the weights are chosen on the basis of their relative importance in the variation of the different components. Denoting the first transformed variable by  $z_{1i}$  we can write

$$z_{1i} = a_{11} X_{i1} + a_{21} X_{i2} + \dots + a_{k1} X_{ik}, \quad i = 1, 2, \dots, n.$$

In matrix form  $z_1 = X a_1$ , where  $z_1$  is  $n \times 1$  vector and  $a_1$  is a  $k \times 1$  vector. The sum of squares of  $z_1$  is given by  $z_1' z_1 = a_1' X' X a_1$ .

We will choose  $a_1$  in such a way that  $z_1' z_1$  is maximized. But without any constraint on  $a_1$ , the variance will be arbitrarily large. Hence, we normalize  $a_1$  such that  $a_1' a_1 = 1$ . Thus, the problem is to choose  $a_1$  such that

$$\text{Max } \Omega = a_1' X' X a_1 - \lambda_1 [a_1' a_1 - 1]$$

where  $\lambda_1$  is the Lagrange multiplier. The first order condition for maximization (note that second order condition is always satisfied) in matrix notation is given by  $\frac{\partial \Omega}{\partial a_1} = 0$  which

in turn gives the following sets of equations  $(X' X) a_1 = \lambda_1 a_1$ .

As is evident from the above equation system,  $a_1$  is an eigenvector of  $X' X$  corresponding

to the root  $\lambda_1$ . There are  $k$  solutions of  $\lambda_1$  of which the one with the largest value will maximize sum of squares as  $z_1'z_1 = \lambda_1 a_1'a_1 = \lambda_1$ .

Now we define another principal component  $z_2 = X a_2$ . We choose  $a_2$  so that  $a_2'X'X a_2$  is maximized subject to  $a_2'a_2 = 1$  and  $a_1'a_2 = 0$ . The second constraint ensures that  $a_1$  and  $a_2$  are orthogonal implying that there is no correlation between  $z_1$  and  $z_2$ . Corresponding to the maximum eigenvalue of the system of homogenous equations given by the first order condition, we can determine the eigenvector  $a_2$ . In this way, we can determine all the  $k$  eigenvectors corresponding to the maximum eigenvalue for each principal component. Denoting all these eigenvalues  $\lambda_j$ ,  $j=1, \dots, k$  it can be shown that

$\frac{\lambda_j}{\sum_j \lambda_j}$  represents the proportionate contribution of  $j$ -th principal component to the total

variation of the  $X$ 's and they sum to unity as the components are orthogonal.

As the  $X_{ji}$ 's are standardized, these  $k$  eigenvectors are also called factor loadings. We consider the first loading factor or the first eigenvector corresponding to the maximum eigenvalue of the first principal component. It can be shown that the variation of the  $j$ -th indicator  $X_j$  with the first principal component  $z_1$  is given by  $\lambda_1 a_{j1}^2$  where  $a_{j1}$  is the  $j$ -th element of  $a_1$ . As a matter of fact,  $\sqrt{\lambda_1} a_{j1} / (\sum_i X_{ji}^2)^{1/2}$  is the correlation coefficient

between  $X_j$  and the  $j$ -th component of  $z_1$ . We take  $\frac{\lambda_1 a_{j1}^2}{\sum_j \lambda_1 a_{j1}^2} = \frac{a_{j1}^2}{\sum_j a_{j1}^2}$  as our weight for  $j$ -

th indicator  $X_j$ . The rationale behind this is very simple. The numerator is the variation of  $X_j$  with the first principal component  $z_1$  and the denominator gives the sum of the variations of all the  $X$ 's with  $z_1$ . Thus, the weight of the  $j$ -th indicator is the proportion of variation of  $X_j$  with  $z_1$  in total variations of all the variables with the  $z_1$ . The higher the

variation of the  $j$ -th indicator with  $z_1$ , the higher is its weight and *vice versa*.

Clearly the advantage of finding the weights by principal components analysis is that they are determined by the relative variation of the constituent indicators in the data itself. But a disadvantage of this method is that there is no guarantee that the first principal component will have the highest variation with the  $X$  variables. And the computational cost becomes prohibitive for finding out the principal component that has highest variation with  $X$  variables by checking for all the cases. Secondly, if the first principal component explains the major part of the variation as measured by cumulative  $R^2$ , then the weights are satisfactory. But if not, then the weights are based on only a smaller part of the variation in  $X$ 's. However, in spite of these problems associated with the principal components analysis for determining weights of an index, there is no other satisfactory method to determine weights on the basis of variation in data. The unweighted index assigns the same weight to each variable, which is difficult to justify. All other weighting mechanisms are based on *a priori* value judgments about the relative importance of the constituent variables within an index and are thus arbitrary.

#### **4. The Social Exclusion Index for Cooch Behar**

This report offers a detailed description of the extent of social exclusion in West Bengal, where according to the plan of research we engage in district-wise primary surveys of villages classified as per the proportion of population belonging to the Scheduled Castes and Scheduled Tribes of India. The methodology section above describes the entire sample selection criterion along with the proportion of villages with at least 40% of the population belonging to the SC/ST communities.

We begin by presenting the basic information at the village levels for each of the

villages selected according to the random sampling method. The following tables describe the demographic distribution in the villages, the educational levels according to several sub-categories like primary, secondary, post-secondary, technical etc., the occupational divisions such as cultivation, farm workers, salaried workers, self-employed, public sector employment, employment in unorganized sectors etc. All along this report, we classify the entire population studied into two major sections – one for the SC/ST categories and the other for general caste groups, coined as “others”. The tables and figures are presented for these two major classifications and appropriate comparisons are offered for each of the issues studied. The focus of this study however, remains on the well-being of the children and mothers. To this end the survey questionnaire accommodated a series of directed questions on child birth, pre-natal and post-natal health of the mother, practices on breast-feeding, sanitation, education, occupational patterns of the household, monthly expenditures at the household level on various items, etc. Many of these questions directly capture the socio-economic conditions at the unit level. The health-related questions are guided by the National Family Health Surveys. Putting these together we envision that the extent of social and economic backwardness of various communities within our sample domain shall be adequately captured and that we are able to compare the degree of social exclusion across villages. As clearly seen from the descriptive statistics at the village level SC/ST caste share varies from 15% to 100% (Tables SC/ST –Basic Information). Note that, the caste shares are from the 10% sample we have collected from the existing population in the village. The remaining population, which we report in the subsequent tables (Table non-SC/ST – General Castes and OBC) capture the rest of the population with demographic, educational, occupation

and other information given similarly as those in SC/ST tables. In addition, since our purpose is to offer an index of the condition of villages in Cooch Behar as a whole, the following tables offer the ranking of villages according to the basic information. The ranking follows the use of principal-component analysis as we have described above. It turns out that in view of the village level attributes as computed in the following tables for SC/ST categories, the village of Padmamari ranks 1, while that of Patakamari ranks the lowest. The ranks involve two things: one is an unweighted rank, where the villages are ranked according to the percentage of people belonging to each category of schooling levels, occupation etc; the other is a weighted index, where each of the components of the sub-categories like schooling, occupation etc. are assigned ranks as per the principal component analysis. All through the analysis we shall present the case of SCs/STs first **(all Tables numbered with B)** followed by the condition of the ‘others’ **(all tables numbered with A)** in the same set of 50 villages surveyed for the district of Cooch Behar. In a way, this also provides an appropriate control group against which the conditions of social exclusion among the SCs and STs are evaluated.

TABLE SC/ST - BASIC INFORM

| Villages                 | SC/ST (%) | Gender |        | Education level |                          |         |                     |                                     |           |                  |                               |  |                                  |                                |        |
|--------------------------|-----------|--------|--------|-----------------|--------------------------|---------|---------------------|-------------------------------------|-----------|------------------|-------------------------------|--|----------------------------------|--------------------------------|--------|
|                          |           | Male   | Female | Illiterate      | Literate (below primary) | Primary | Middle (class VIII) | Vocational training course (IT etc) | Secondary | Higher Secondary | Technical Diploma/Certificate | Technical/Professional Degree (medical, engineering, law etc.) | Graduate Degree (General/Honors) | Post Graduate Degree (General) | Others |
| Boragari                 | 32.00     | 18.67% | 13.33% | 5.33%           | 13.33%                   | 0.00%   | 8.00%               | 0.00%                               | 4.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 1.33%                          | 0.00%  |
| Borakhata                | 15.70     | 9.92%  | 5.79%  | 1.67%           | 5.83%                    | 5.00%   | 3.33%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Hollanger Kuthi          | 67.05     | 34.87% | 32.18% | 18.77%          | 2.30%                    | 25.29%  | 9.96%               | 0.00%                               | 5.36%     | 2.68%            | 0.00%                         | 0.00%  | 0.38%                            | 1.92%                          | 0.38%  |
| Kachuban                 | 69.61     | 31.49% | 38.12% | 23.76%          | 4.42%                    | 17.68%  | NA                  | 0.00%                               | 7.18%     | 2.21%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.55%  |
| Karibharal               | 100.00    | 58.62% | 41.38% | 27.59%          | 17.24%                   | 34.48%  | 8.62%               | 0.00%                               | 10.34%    | 0.00%            | 0.00%                         | 0.00%  | 1.72%                            | 0.00%                          | 0.00%  |
| Kharija Kakribari        | 81.79     | 43.48% | 38.32% | 15.76%          | 9.78%                    | 25.00%  | NA                  | 0.00%                               | 7.88%     | 4.62%            | 0.00%                         | 0.00%  | 1.90%                            | 0.27%                          | 0.27%  |
| Kokoabari                | 37.50     | 25.00% | 12.50% | 3.13%           | 9.38%                    | 9.38%   | 6.25%               | 0.00%                               | 4.69%     | 0.00%            | 0.00%                         | 0.00%  | 4.69%                            | 0.00%                          | 0.00%  |
| Petbhata Chandanchowra   | 73.40     | 38.38% | 35.02% | 17.51%          | 7.41%                    | 26.60%  | NA                  | 0.00%                               | 6.06%     | 0.67%            | 0.34%                         | 0.00%  | 0.34%                            | 1.01%                          | 0.00%  |
| Siddheswari              | 66.99     | 34.96% | 32.03% | 10.04%          | 9.34%                    | 15.34%  | NA                  | 0.00%                               | 10.60%    | 2.79%            | 0.00%                         | 0.00%  | 0.84%                            | 0.70%                          | 0.14%  |
| Uttar Gayargari          | 70.00     | 37.50% | 32.50% | 14.38%          | 16.25%                   | 20.63%  | NA                  | 0.00%                               | 4.38%     | 1.88%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Barabangla               | 100.00    | 53.38% | 46.62% | 41.35%          | 2.26%                    | 27.07%  | NA                  | 0.00%                               | 8.27%     | 3.76%            | 0.00%                         | 0.75%  | 0.00%                            | 0.00%                          | 0.00%  |
| Kajalikura               | 87.06     | 46.19% | 40.86% | 26.49%          | 11.95%                   | 22.60%  | NA                  | 0.00%                               | 4.94%     | 1.56%            | 0.00%                         | 0.00%  | 0.78%                            | 0.78%                          | 0.00%  |
| Padmamari                | 100.00    | 56.10% | 43.90% | 37.80%          | 12.20%                   | 20.73%  | NA                  | 0.00%                               | 9.76%     | 1.22%            | 0.00%                         | 0.00%  | 2.44%                            | 0.00%                          | 0.00%  |
| Sonarhat                 | 58.97     | 35.90% | 23.08% | 15.38%          | 7.69%                    | 10.26%  | NA                  | 0.00%                               | 6.41%     | 0.00%            | 0.00%                         | 1.28%  | 2.56%                            | 0.00%                          | 1.28%  |
| Elejanerkuthi            | 70.08     | 37.01% | 33.07% | 29.92%          | 18.90%                   | 11.81%  | 7.87%               | 0.00%                               | 1.57%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Gosainganj               | 37.10     | 19.35% | 17.74% | 11.29%          | 10.48%                   | 8.87%   | 5.65%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.81%                          | 0.00%  |
| Sitalabas                | 38.66     | 18.49% | 20.17% | 15.13%          | 17.65%                   | 3.36%   | 2.52%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Natuarpar                | 55.65     | 27.83% | 27.83% | 17.39%          | 20.00%                   | 7.83%   | 8.70%               | 0.00%                               | 0.87%     | 0.00%            | 0.00%                         | 0.00%  | 0.87%                            | 0.00%                          | 0.00%  |
| Garubhasa                | 91.60     | 46.22% | 45.38% | 36.13%          | 27.73%                   | 15.97%  | 5.88%               | 0.00%                               | 2.52%     | 2.52%            | 0.00%                         | 0.00%  | 0.84%                            | 0.00%                          | 0.00%  |
| Dodumari                 | 72.88     | 38.14% | 34.75% | 18.64%          | 14.41%                   | 15.25%  | NA                  | 0.00%                               | 6.78%     | 1.69%            | 0.00%                         | 0.00%  | 1.69%                            | 1.69%                          | 0.00%  |
| Malatiguri               | 55.65     | 26.09% | 29.57% | 21.74%          | 19.13%                   | 6.96%   | 7.83%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Dharmabarar Kuthi        | 34.55     | 18.18% | 16.36% | 10.91%          | 12.73%                   | 8.18%   | 2.73%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Baisguri Khanda          | 73.33     | 35.00% | 38.33% | 30.83%          | 16.67%                   | 13.33%  | NA                  | 0.00%                               | 1.67%     | 0.83%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Daksin Kharija Gitaldaha | 73.17     | 35.77% | 37.40% | 29.27%          | 20.33%                   | 14.63%  | 7.32%               | 0.00%                               | 1.63%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |

| Villages                 | SC/ST (%) | Gender |        | Education level |                          |         |                     |                                     |           |                  |                               |  |                                  |                                |        |
|--------------------------|-----------|--------|--------|-----------------|--------------------------|---------|---------------------|-------------------------------------|-----------|------------------|-------------------------------|--|----------------------------------|--------------------------------|--------|
|                          |           | Male   | Female | Illiterate      | Literate (below primary) | Primary | Middle (class VIII) | Vocational training course (IT etc) | Secondary | Higher Secondary | Technical Diploma/Certificate | Technical/Professional Degree (medical, engineering, law etc.) | Graduate Degree (General/Honors) | Post Graduate Degree (General) | Others |
| Gaochulca                | 67.71     | 32.29% | 35.42% | 29.17%          | 12.50%                   | 15.63%  | 7.29%               | 0.00%                               | 2.08%     | 1.04%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Purbba Hudumdanga        | 61.94     | 27.61% | 29.85% | 20.90%          | 9.70%                    | 11.19%  | NA                  | 0.00%                               | 2.24%     | 2.99%            | 0.00%                         | 0.00%  | 2.24%                            | 0.00%                          | 0.00%  |
| Madhya Chhat Gopalpur    | 100.00    | 49.64% | 50.36% | 32.12%          | 29.93%                   | 22.63%  | 8.76%               | 0.00%                               | 3.65%     | 2.19%            | 0.00%                         | 0.00%  | 0.73%                            | 0.00%                          | 0.00%  |
| Chhat Khagribari         | 100.00    | 51.26% | 48.74% | 52.94%          | 17.65%                   | 21.01%  | 5.04%               | 0.00%                               | 2.52%     | 0.84%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Chhota Chhat Dhan Dhan   | 93.81     | 51.55% | 42.27% | 44.33%          | 20.62%                   | 15.46%  | 8.25%               | 0.00%                               | 3.09%     | 2.06%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Indrerkuthi              | 95.89     | 43.15% | 52.74% | 52.05%          | 21.92%                   | 10.96%  | 4.11%               | 0.00%                               | 4.79%     | 0.68%            | 0.00%                         | 0.00%  | 0.00%                            | 1.37%                          | 0.00%  |
| Kharija Ratanpur         | 97.09     | 49.51% | 47.57% | 45.63%          | 25.24%                   | 18.45%  | 4.85%               | 0.97%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 1.94%                            | 0.00%                          | 0.00%  |
| Chandamari               | 67.24     | 35.34% | 31.90% | 25.86%          | 20.69%                   | 12.07%  | 6.03%               | 0.00%                               | 0.86%     | 1.72%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Kurshamari               | 52.94     | 26.05% | 26.89% | 24.37%          | 10.08%                   | 8.40%   | 6.72%               | 0.00%                               | 2.52%     | 0.84%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Nagar Gopalganj          | 24.81     | 10.08% | 14.73% | 8.53%           | 3.88%                    | 10.08%  | 1.55%               | 0.00%                               | 0.78%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Patakamari               | 14.52     | 6.45%  | 8.06%  | 7.26%           | 4.03%                    | 2.42%   | 0.81%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Fulkadabri Bajejama      | 100.00    | 48.74% | 51.26% | 42.02%          | 18.49%                   | 22.69%  | NA                  | 0.00%                               | 1.68%     | 0.00%            | 0.00%                         | 0.00%  | 1.68%                            | 0.84%                          | 0.00%  |
| Bara Nijtaraf            | 95.83     | 47.92% | 47.92% | 45.83%          | 20.83%                   | 18.75%  | 6.25%               | 0.00%                               | 1.04%     | 1.04%            | 0.00%                         | 0.00%  | 2.08%                            | 0.00%                          | 0.00%  |
| Fulkadabri               | 100.00    | 49.57% | 50.43% | 43.59%          | 26.50%                   | 13.68%  | NA                  | 0.00%                               | 1.71%     | 3.42%            | 0.00%                         | 0.00%  | 0.85%                            | 0.00%                          | 0.00%  |
| Paschim Gopalpur         | 83.47     | 39.67% | 43.80% | 33.06%          | 18.18%                   | 21.49%  | 9.09%               | 0.00%                               | 0.83%     | 0.00%            | 0.00%                         | 0.00%  | 0.83%                            | 0.00%                          | 0.00%  |
| Satgharia                | 49.06     | 29.25% | 19.81% | 28.30%          | 15.09%                   | 3.77%   | 1.89%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Shatimari                | 94.59     | 49.55% | 45.05% | 33.33%          | 20.72%                   | 10.81%  | NA                  | 0.00%                               | 3.60%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Gangadhar                | 74.79     | 42.86% | 31.93% | 46.22%          | 16.81%                   | 2.52%   | 8.40%               | 0.00%                               | 0.00%     | 0.84%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Fulbari                  | 18.26     | 10.43% | 7.83%  | 11.30%          | 2.61%                    | 2.61%   | 1.74%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Chikliguri Dwitia Khanda | 39.67     | 19.83% | 19.83% | 13.22%          | 3.31%                    | 11.57%  | NA                  | 0.00%                               | 0.83%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Velakopa Pratham Khanda  | 47.33     | 21.37% | 25.95% | 16.79%          | 9.16%                    | 8.40%   | 7.63%               | 0.00%                               | 3.82%     | 1.53%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Bashraja Dwitia Khanda   | 80.00     | 36.00% | 44.00% | 29.00%          | 20.00%                   | 16.00%  | NA                  | 0.00%                               | 2.00%     | 0.00%            | 0.00%                         | 0.00%  | 1.00%                            | 0.00%                          | 0.00%  |
| Chhat Balakuthi          | 58.10     | 34.29% | 23.81% | 14.29%          | 0.95%                    | 16.19%  | NA                  | 0.00%                               | 5.71%     | 2.86%            | 0.95%                         | 0.00%  | 0.95%                            | 0.00%                          | 0.00%  |
| Bakla                    | 55.47     | 24.22% | 31.25% | 18.11%          | 5.51%                    | 12.60%  | NA                  | 0.00%                               | 3.94%     | 0.79%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Shilghagri               | 30.00     | 12.73% | 17.27% | 11.82%          | 1.82%                    | 7.27%   | 6.36%               | 0.00%                               | 2.73%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |

| Villages                        | Main Occupation |                     |                 |                               |                            |  |            |                    |   |                               |                                    |                                |          |        |
|---------------------------------|-----------------|---------------------|-----------------|-------------------------------|----------------------------|--|------------|--------------------|---|-------------------------------|------------------------------------|--------------------------------|----------|--------|
|                                 | Cultivation     | Agricultural labour | Family Business | Regular salaried (government) | Regular salaried (private) | Temporary Casual labour (public works) | Unemployed | Only domestic work | Domestic work and collection of things for domestic purpose | Renters/pensioners/remittance | Too young/too old (unable to work) | Working in unorganised sectors | Students | Others |
| Boragari                        | 1.33%           | 2.67%               | 0.00%           | 0.00%                         | 1.33%                      | 4.00%                                  | 4.00%      | 4.00%              | 0.00%   | 1.33%                         | 6.67%                              | 0.00%                          | 5.33%    | 1.33%  |
| Borakhata                       | 0.83%           | 4.13%               | 0.00%           | 0.83%                         | 2.48%                      | 1.65%                                  | 0.00%      | 4.13%              | 0.00%   | 0.00%                         | 0.00%                              | 0.00%                          | 1.65%    | 0.00%  |
| Hollanger Kuthi                 | #####           | 11.11%              | 0.00%           | 0.77%                         | 0.00%                      | 2.30%                                  | 1.53%      | 8.43%              | 1.92%   | 0.00%                         | 6.13%                              | 0.77%                          | 21.46%   | 1.53%  |
| Kachuban                        | 7.73%           | 4.42%               | 0.00%           | 0.00%                         | 0.00%                      | 7.73%                                  | 2.76%      | 13.26%             | 0.55%   | 0.00%                         | 6.63%                              | 0.00%                          | 22.65%   | 3.87%  |
| Karibharal                      | #####           | 12.07%              | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 3.45%              | 6.90%   | 0.00%                         | 20.69%                             | 1.72%                          | 34.48%   | 8.62%  |
| Kharija Kakribari               | 4.35%           | 5.16%               | 1.63%           | 1.90%                         | 0.82%                      | 4.08%                                  | 2.72%      | 16.30%             | 3.26%   | 0.27%                         | 9.51%                              | 3.80%                          | 23.37%   | 4.62%  |
| Kokoabari                       | 0.00%           | 6.25%               | 0.00%           | 0.00%                         | 1.56%                      | 1.56%                                  | 3.13%      | 6.25%              | 1.56%   | 3.13%                         | 3.13%                              | 3.13%                          | 4.69%    | 3.13%  |
| Petbhata Chandanchowra          | 7.43%           | 6.42%               | 0.00%           | 0.00%                         | 0.34%                      | 2.70%                                  | 1.69%      | 12.84%             | 1.35%   | 0.00%                         | 9.80%                              | 3.04%                          | 23.65%   | 4.05%  |
| Siddheswari                     | 6.87%           | 2.38%               | 0.42%           | 1.40%                         | 1.12%                      | 6.31%                                  | 1.54%      | 18.37%             | 0.14%   | 0.56%                         | 7.43%                              | 0.28%                          | 17.39%   | 2.66%  |
| Uttar Gayargari                 | 5.63%           | 3.13%               | 0.00%           | 0.00%                         | 0.63%                      | 8.13%                                  | 4.38%      | 16.25%             | 1.25%   | 0.00%                         | 8.75%                              | 0.00%                          | 20.00%   | 1.88%  |
| Barabangla                      | #####           | 6.20%               | 0.00%           | 0.00%                         | 0.00%                      | 5.43%                                  | 2.33%      | 20.16%             | 3.10%   | 0.00%                         | 11.63%                             | 3.10%                          | 23.26%   | 2.33%  |
| Kajalikura                      | 7.14%           | 9.18%               | 0.00%           | 0.51%                         | 0.26%                      | 8.93%                                  | 3.83%      | 16.84%             | 2.30%   | 0.00%                         | 13.01%                             | 0.77%                          | 22.70%   | 1.53%  |
| Padmamari                       | #####           | 15.85%              | 0.00%           | 0.00%                         | 1.22%                      | 2.44%                                  | 1.22%      | 10.98%             | 6.10%   | 0.00%                         | 9.76%                              | 4.88%                          | 25.61%   | 1.22%  |
| Sonarhat                        | #####           | 7.69%               | 0.00%           | 2.56%                         | 0.00%                      | 2.56%                                  | 0.00%      | 6.41%              | 1.28%   | 0.00%                         | 8.97%                              | 0.00%                          | 15.38%   | 0.00%  |
| Elejanerkuthi                   | #####           | 3.94%               | 0.00%           | 0.00%                         | 0.79%                      | 0.79%                                  | 0.79%      | 8.66%              | 8.66%   | 0.00%                         | 18.90%                             | 0.00%                          | 11.02%   | 6.30%  |
| Gosainganj                      | 2.42%           | 3.23%               | 1.61%           | 0.81%                         | 0.00%                      | 1.61%                                  | 0.00%      | 5.65%              | 2.42%   | 0.00%                         | 8.87%                              | 2.42%                          | 8.06%    | 0.00%  |
| Sitalabas                       | 0.85%           | 4.24%               | 0.85%           | 0.00%                         | 0.00%                      | 2.54%                                  | 0.00%      | 5.93%              | 0.85%   | 0.00%                         | 11.02%                             | 0.00%                          | 12.71%   | 0.00%  |
| Natuarpar                       | 2.70%           | 4.50%               | 0.00%           | 1.80%                         | 0.00%                      | 0.00%                                  | 0.90%      | 11.71%             | 0.90%   | 0.00%                         | 10.81%                             | 0.00%                          | 13.51%   | 8.11%  |
| Garubhasa                       | 4.27%           | 7.69%               | 2.56%           | 0.00%                         | 0.85%                      | 5.98%                                  | 0.85%      | 21.37%             | 4.27%   | 0.00%                         | 17.95%                             | 3.42%                          | 15.38%   | 6.84%  |
| Dodumari                        | 5.93%           | 6.78%               | 0.00%           | 1.69%                         | 0.00%                      | 3.39%                                  | 0.00%      | 16.95%             | 1.69%   | 0.00%                         | 11.86%                             | 0.85%                          | 18.64%   | 5.08%  |
| Malatiguri                      | 3.48%           | 3.48%               | 0.00%           | 0.00%                         | 0.00%                      | 6.96%                                  | 0.87%      | 7.83%              | 4.35%   | 0.00%                         | 8.70%                              | 0.00%                          | 15.65%   | 4.35%  |
| Dharmabarer Kuthi               | 0.91%           | 4.55%               | 0.00%           | 0.00%                         | 0.00%                      | 2.73%                                  | 0.00%      | 5.45%              | 4.55%   | 0.00%                         | 7.27%                              | 0.00%                          | 7.27%    | 1.82%  |
| Baisguri Khanda                 | 8.33%           | 5.00%               | 0.83%           | 0.83%                         | 0.00%                      | 2.50%                                  | 0.00%      | 10.00%             | 5.00%   | 0.00%                         | 19.17%                             | 0.00%                          | 17.50%   | 4.17%  |
| Daksin Kharija Gitaldaha        | 5.69%           | 11.38%              | 0.00%           | 0.00%                         | 0.00%                      | 4.88%                                  | 0.00%      | 21.95%             | 0.00%   | 0.00%                         | 14.63%                             | 0.00%                          | 14.63%   | 0.00%  |
| Chhat Khochabari Dwitiyo Khanda | 1.92%           | 12.50%              | 0.00%           | 0.96%                         | 0.00%                      | 0.00%                                  | 0.00%      | 2.88%              | 10.58%  | 0.00%                         | 9.62%                              | 0.00%                          | 10.58%   | 1.92%  |

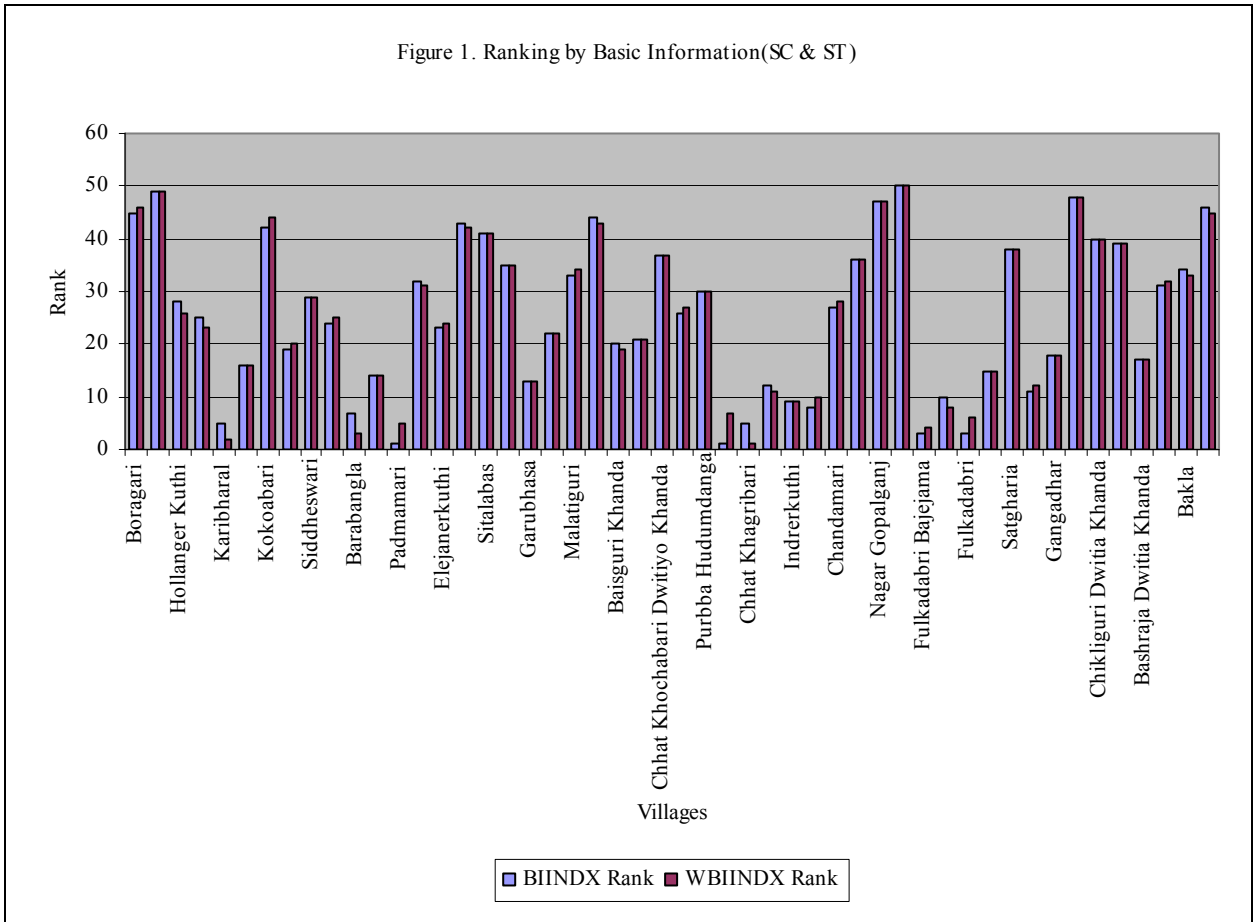


| Villages                 | Main Occupation |                     |                 |                               |                            |  |            |                    |   |                               |                                    |                                |          |        |
|--------------------------|-----------------|---------------------|-----------------|-------------------------------|----------------------------|--|------------|--------------------|---|-------------------------------|------------------------------------|--------------------------------|----------|--------|
|                          | Cultivation     | Agricultural labour | Family Business | Regular salaried (government) | Regular salaried (private) | Temporary Casual labour (public works) | Unemployed | Only domestic work | Domestic work and collection of things for domestic purpose | Renters/pensioners/remittance | Too young/too old (unable to work) | Working in unorganised sectors | Students | Others |
| Gaochulca                | 1.04%           | 12.50%              | 0.00%           | 1.04%                         | 0.00%                      | 3.13%                                  | 1.04%      | 14.58%             | 1.04%   | 0.00%                         | 17.71%                             | 0.00%                          | 12.50%   | 3.13%  |
| Purbba Hudumdanga        | 7.46%           | 6.72%               | 0.00%           | 0.75%                         | 2.24%                      | 1.49%                                  | 1.49%      | 0.75%              | 16.42%  | 0.00%                         | 8.96%                              | 0.00%                          | 14.93%   | 0.75%  |
| Madhya Chhat Gopalpur    | NA              | 0.73%               | 0.00%           | 0.00%                         | 0.73%                      | 13.87%                                 | 0.00%      | 0.00%              | 24.09%  | 0.00%                         | 20.44%                             | 0.00%                          | 21.90%   | 1.46%  |
| Chhat Khagribari         | NA              | 5.08%               | 0.00%           | 0.85%                         | 0.00%                      | 4.24%                                  | 0.00%      | 18.64%             | 3.39%   | 0.00%                         | 25.42%                             | 2.54%                          | 20.34%   | 1.69%  |
| Chhota Chhat Dhan Dhan   | NA              | 11.34%              | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 25.77%             | 1.03%   | 0.00%                         | 25.77%                             | 0.00%                          | 15.46%   | 3.09%  |
| Indrekuthi               | 7.53%           | 15.75%              | 2.05%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 18.49%             | 5.48%   | 0.00%                         | 32.88%                             | 0.00%                          | 13.01%   | 0.68%  |
| Kharija Ratanpur         | 1.94%           | 5.83%               | 4.85%           | 0.97%                         | 2.91%                      | 10.68%                                 | 0.00%      | 22.33%             | 2.91%   | 0.97%                         | 19.42%                             | 0.00%                          | 21.36%   | 2.91%  |
| Chandamari               | 1.72%           | 2.59%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 11.21%             | 6.90%   | 0.00%                         | 16.38%                             | 2.59%                          | 12.07%   | 13.79% |
| Kurshamari               | 5.88%           | 1.68%               | 0.00%           | 0.00%                         | 0.00%                      | 0.84%                                  | 0.00%      | 7.56%              | 5.04%   | 0.00%                         | 16.81%                             | 1.68%                          | 10.08%   | 3.36%  |
| Nagar Gopalganj          | 1.55%           | 3.10%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 4.65%              | 1.55%   | 0.00%                         | 3.88%                              | 0.00%                          | 9.30%    | 0.78%  |
| Patakamari               | 0.81%           | 2.42%               | 0.00%           | 0.00%                         | 0.00%                      | 0.81%                                  | 0.81%      | 4.03%              | 0.00%   | 0.00%                         | 4.03%                              | 0.00%                          | 1.61%    | 0.00%  |
| Fulkadabri Bajejama      | NA              | 8.40%               | 0.00%           | 1.68%                         | 0.84%                      | 3.36%                                  | 0.00%      | 1.68%              | 16.81%  | 0.00%                         | 32.77%                             | 0.00%                          | 24.37%   | 0.00%  |
| Bara Nijtaraf            | NA              | 15.63%              | 0.00%           | 0.00%                         | 0.00%                      | 4.17%                                  | 0.00%      | 26.04%             | 1.04%   | 0.00%                         | 22.92%                             | 0.00%                          | 13.54%   | 1.04%  |
| Fulkadabri               | NA              | 6.90%               | 1.72%           | 0.86%                         | 0.00%                      | 2.59%                                  | 0.00%      | 4.31%              | 17.24%  | 0.86%                         | 30.17%                             | 0.00%                          | 22.41%   | 2.59%  |
| Paschim Gopalpur         | NA              | 5.79%               | 0.00%           | 0.00%                         | 0.83%                      | 0.83%                                  | 0.00%      | 7.44%              | 10.74%  | 0.00%                         | 16.53%                             | 0.83%                          | 25.62%   | 4.13%  |
| Satgharia                | 3.77%           | 0.94%               | 0.00%           | 0.00%                         | 0.00%                      | 0.94%                                  | 0.94%      | 11.32%             | 0.94%   | 0.00%                         | 12.26%                             | 1.89%                          | 11.32%   | 4.72%  |
| Shatimari                | 9.91%           | 6.31%               | 0.00%           | 0.00%                         | 1.80%                      | 7.21%                                  | 0.00%      | 18.02%             | 5.41%   | 0.00%                         | 17.12%                             | 0.00%                          | 26.13%   | 2.70%  |
| Gangadhar                | 5.88%           | 5.04%               | 0.84%           | 0.00%                         | 0.00%                      | 1.68%                                  | 0.84%      | 17.65%             | 1.68%   | 0.00%                         | 25.21%                             | 0.00%                          | 9.24%    | 6.72%  |
| Fulbari                  | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 5.22%                                  | 0.00%      | 1.74%              | 0.87%   | 0.00%                         | 6.09%                              | 0.00%                          | 3.48%    | 0.87%  |
| Chikliguri Dwitia Khanda | 3.31%           | 5.79%               | 0.83%           | 0.00%                         | 0.83%                      | 2.48%                                  | 0.00%      | 4.96%              | 0.00%   | 0.00%                         | 6.61%                              | 0.83%                          | 12.40%   | 1.65%  |
| Velakopa Pratham Khanda  | 6.11%           | 5.34%               | 0.00%           | 0.00%                         | 0.00%                      | 2.29%                                  | 1.53%      | 9.92%              | 1.53%   | 0.00%                         | 9.16%                              | 0.76%                          | 9.92%    | 0.76%  |
| Bashraja Dwitia Khanda   | 3.00%           | 10.00%              | 1.00%           | 0.00%                         | 1.00%                      | 11.00%                                 | 0.00%      | 12.00%             | 5.00%   | 0.00%                         | 12.00%                             | 0.00%                          | 24.00%   | 1.00%  |
| Chhat Balakuthi          | 0.00%           | 2.08%               | 1.04%           | 0.00%                         | 0.00%                      | 10.42%                                 | 2.08%      | 13.54%             | 4.17%   | 0.00%                         | 4.17%                              | 1.04%                          | 21.88%   | 3.13%  |
| Bakla                    | 3.20%           | 8.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 12.00%             | 0.00%   | 0.00%                         | 4.00%                              | 0.80%                          | 23.20%   | 4.00%  |
| Shilghagri               | 0.91%           | 4.55%               | 0.91%           | 0.00%                         | 0.00%                      | 0.91%                                  | 0.00%      | 3.64%              | 3.64%   | 0.00%                         | 8.18%                              | 0.91%                          | 6.36%    | 0.00%  |

**Ranking by basic information (SC & ST)**

| Village Code                             | Basic Information<br>SC & ST |      |         |      |
|--|------------------------------|------|---------|------|
|  | BIINDX                       | Rank | WBIINDX | Rank |
| Boragari                                 | 4.41                         | 45   | 10.30   | 46   |
| Borakhata                                | 2.17                         | 49   | 5.17    | 49   |
| Hollanger<br>Kuthi                       | 9.25                         | 28   | 24.12   | 26   |
| Kachuban                                 | 9.60                         | 25   | 24.68   | 23   |
| Karibharal                               | 13.79                        | 5    | 36.11   | 2    |
| Kharija<br>Kakribari                     | 11.28                        | 16   | 28.16   | 16   |
| Kokoabari                                | 5.17                         | 42   | 11.96   | 44   |
| Petbhata<br>Chandanchowr<br>a            | 10.12                        | 19   | 26.10   | 20   |
| Siddheswari                              | 9.24                         | 29   | 22.84   | 29   |
| Uttar<br>Gayargari                       | 9.66                         | 24   | 24.37   | 25   |
| Barabangla                               | 13.79                        | 7    | 35.98   | 3    |
| Kajalikura                               | 11.99                        | 14   | 30.51   | 14   |
| Padmamari                                | 13.79                        | 1    | 35.55   | 5    |
| Sonarhat                                 | 8.13                         | 32   | 20.71   | 31   |
| Elejanerkuthi                            | 9.67                         | 23   | 24.66   | 24   |
| Gosainganj                               | 5.12                         | 43   | 12.93   | 42   |
| Sitalabas                                | 5.34                         | 41   | 13.72   | 41   |
| Natuarpar                                | 7.65                         | 35   | 19.12   | 35   |
| Garubhasa                                | 12.63                        | 13   | 31.54   | 13   |
| Dodumari                                 | 10.05                        | 22   | 25.21   | 22   |
| Malatiguri                               | 7.68                         | 33   | 19.39   | 34   |
| Dharmabarar<br>Kuthi                     | 4.76                         | 44   | 12.01   | 43   |
| Baisguri<br>Khanda                       | 10.11                        | 20   | 26.12   | 19   |
| Daksin Kharija<br>Gitaldaha              | 10.09                        | 21   | 25.90   | 21   |
| Chhat<br>Khochabari<br>Dwitiyo<br>Khanda | 7.03                         | 37   | 17.72   | 37   |

Figure 1. Ranking by Basic Information(SC & ST)



| Villages                    | Basic Information<br>SC & ST (continued) |      |          |      |
|-----------------------------|--|------|----------|------|
|                             | BIINDEX                                  | Rank | WBIINDEX | Rank |
| Gaochulca                   | 9.34                                     | 26   | 23.88    | 27   |
| Purbba Hudumdanga           | 8.39                                     | 30   | 20.92    | 30   |
| Madhya Chhat Gopalpur       | 13.79                                    | 1    | 35.03    | 7    |
| Chhat Khagribari            | 13.79                                    | 5    | 36.37    | 1    |
| Chhota Chhat Dhan<br>Dhania | 12.94                                    | 12   | 33.52    | 11   |
| Indrekuthi                  | 13.23                                    | 9    | 34.06    | 9    |
| Kharija Ratanpur            | 13.39                                    | 8    | 33.99    | 10   |
| Chandamari                  | 9.27                                     | 27   | 23.12    | 28   |
| Kurshamari                  | 7.30                                     | 36   | 18.80    | 36   |
| Nagar Gopalganj             | 3.42                                     | 47   | 9.11     | 47   |
| Patakamari                  | 2.00                                     | 50   | 5.10     | 50   |
| Fulkadabri Bajejama         | 13.79                                    | 3    | 35.89    | 4    |
| Bara Nijtaraf               | 13.22                                    | 10   | 34.12    | 8    |
| Fulkadabri                  | 13.79                                    | 3    | 35.36    | 6    |
| Paschim Gopalpur            | 11.51                                    | 15   | 30.12    | 15   |
| Satgharia                   | 6.77                                     | 38   | 17.48    | 38   |
| Shatimari                   | 13.05                                    | 11   | 33.18    | 12   |
| Gangadhar                   | 10.32                                    | 18   | 26.44    | 18   |
| Fulbari                     | 2.52                                     | 48   | 6.49     | 48   |
| Chikliguri Dwitia Khanda    | 5.47                                     | 40   | 14.19    | 40   |
| Velakopa Pratham<br>Khanda  | 6.53                                     | 39   | 16.59    | 39   |
| Bashraja Dwitia Khanda      | 11.03                                    | 17   | 28.11    | 17   |
| Chhat Balakuthi             | 8.20                                     | 31   | 20.33    | 32   |
| Bakla                       | 7.66                                     | 34   | 19.89    | 33   |
| Shilghagri                  | 4.14                                     | 46   | 10.59    | 45   |

- Note: 1) BIINDEX=unweighted index and WBIINDEX=weighted index.  
2) The villages are ranked in descending by the respective index.  
3) The rank correlation between the 2 indices is 0.993396 and the simple correlation between them is 0.998845

| Village Code                    | Gender |        | Educational Level |                          |         |                     |                                     |           |                  |                               |  |                                  |                                |        |
|---------------------------------|--------|--------|-------------------|--------------------------|---------|---------------------|-------------------------------------|-----------|------------------|-------------------------------|--|----------------------------------|--------------------------------|--------|
|                                 | Male   | Female | Illiterate        | Literate (below primary) | Primary | Middle (class VIII) | Vocational training course (IT etc) | Secondary | Higher Secondary | Technical Diploma/Certificate | Technical/Professional Degree (medical, engineering, law etc.) | Graduate Degree (General/Honors) | Post Graduate degree (General) | Others |
| Boragari                        | 41.33% | 26.67% | 6.67%             | 14.67%                   | 9.33%   | 17.33%              | 0.00%                               | 10.67%    | 6.67%            | 0.00%                         | 0.00%  | 2.67%                            | 0.00%                          | 0.00%  |
| Borakhata                       | 42.98% | 41.32% | 15.83%            | 14.17%                   | 18.33%  | 15.83%              | 0.00%                               | 12.50%    | 3.33%            | 0.00%                         | 0.00%  | 3.33%                            | 0.00%                          | 0.83%  |
| Hollanger Kuthi                 | 18.39% | 14.56% | 7.28%             | 0.38%                    | 15.71%  | 5.36%               | 0.00%                               | 4.21%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Kachuban                        | 14.92% | 15.47% | 4.97%             | 2.21%                    | 2.21%   | 11.05%              | 0.00%                               | 7.18%     | 1.66%            | 0.00%                         | 0.00%  | 1.10%                            | 0.00%                          | 0.00%  |
| Karibharal                      | 0.00%  | 0.00%  | 0.00%             | 0.00%                    | 0.00%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Kharija Kakribari               | 11.14% | 7.07%  | 2.17%             | 2.72%                    | 5.16%   | 3.53%               | 0.00%                               | 1.36%     | 1.36%            | 0.00%                         | 0.00%  | 1.63%                            | 0.00%                          | 0.27%  |
| Kokoabari                       | 31.25% | 31.25% | 9.38%             | 4.69%                    | 17.19%  | 9.38%               | 0.00%                               | 14.06%    | 3.13%            | 0.00%                         | 0.00%  | 3.13%                            | 1.56%                          | 0.00%  |
| Petbhata Chandanchowra          | 14.81% | 11.78% | 8.08%             | 0.34%                    | 11.78%  | 4.04%               | 0.00%                               | 2.02%     | 0.34%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Siddheswari                     | 18.52% | 14.48% | 3.91%             | 5.02%                    | 9.76%   | 7.95%               | 0.00%                               | 4.88%     | 0.70%            | 0.00%                         | 0.00%  | 0.42%                            | 0.28%                          | 0.00%  |
| Uttar Gayargari                 | 16.88% | 13.13% | 3.13%             | 3.75%                    | 14.38%  | 4.38%               | 0.00%                               | 1.88%     | 1.88%            | 0.00%                         | 0.00%  | 0.63%                            | 0.00%                          | 0.00%  |
| Barabangla                      | 0.00%  | 0.00%  | 0.00%             | 0.00%                    | 0.00%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Kajalikura                      | 7.11%  | 5.84%  | 1.30%             | 1.56%                    | 5.97%   | 2.34%               | 0.00%                               | 0.78%     | 0.78%            | 0.00%                         | 0.00%  | 0.52%                            | 0.00%                          | 0.00%  |
| Padmamari                       | 0.00%  | 0.00%  | 0.00%             | 0.00%                    | 0.00%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Sonarhat                        | 17.95% | 23.08% | 20.51%            | 1.28%                    | 11.54%  | 6.41%               | 1.28%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Elejanerkuthi                   | 11.81% | 18.11% | 16.54%            | 6.30%                    | 1.57%   | 3.15%               | 0.00%                               | 2.36%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Gosainganj                      | 25.00% | 37.90% | 19.35%            | 17.74%                   | 12.90%  | 7.26%               | 0.00%                               | 4.84%     | 0.00%            | 0.00%                         | 0.00%  | 0.81%                            | 0.00%                          | 0.00%  |
| Sitalabas                       | 32.77% | 28.57% | 36.97%            | 13.45%                   | 7.56%   | 2.52%               | 0.00%                               | 0.84%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Natuarpar                       | 17.39% | 26.96% | 7.83%             | 6.09%                    | 13.04%  | 6.09%               | 0.00%                               | 4.35%     | 2.61%            | 0.00%                         | 0.87%  | 2.61%                            | 0.87%                          | 0.00%  |
| Garubhasa                       | 4.20%  | 4.20%  | 2.52%             | 2.52%                    | 3.36%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Dodumari                        | 11.02% | 16.10% | 5.93%             | 6.78%                    | 9.32%   | 3.39%               | 0.00%                               | 1.69%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Malatiguri                      | 21.74% | 22.61% | 22.61%            | 14.78%                   | 5.22%   | 1.74%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Dharmabarar Kuthi               | 30.91% | 34.55% | 19.09%            | 22.73%                   | 12.73%  | 8.18%               | 0.00%                               | 2.73%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Baisguri Khanda                 | 13.33% | 13.33% | 14.17%            | 8.33%                    | 3.33%   | 0.83%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Daksin Kharija Gitaldaha        | 13.01% | 13.82% | 11.38%            | 9.76%                    | 4.88%   | 0.81%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Chhat Khochabari Dwitiyo Khanda | 23.08% | 25.96% | 16.35%            | 11.54%                   | 9.62%   | 11.54%              | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |

**Table NON-SC/ST (General and OBC)**

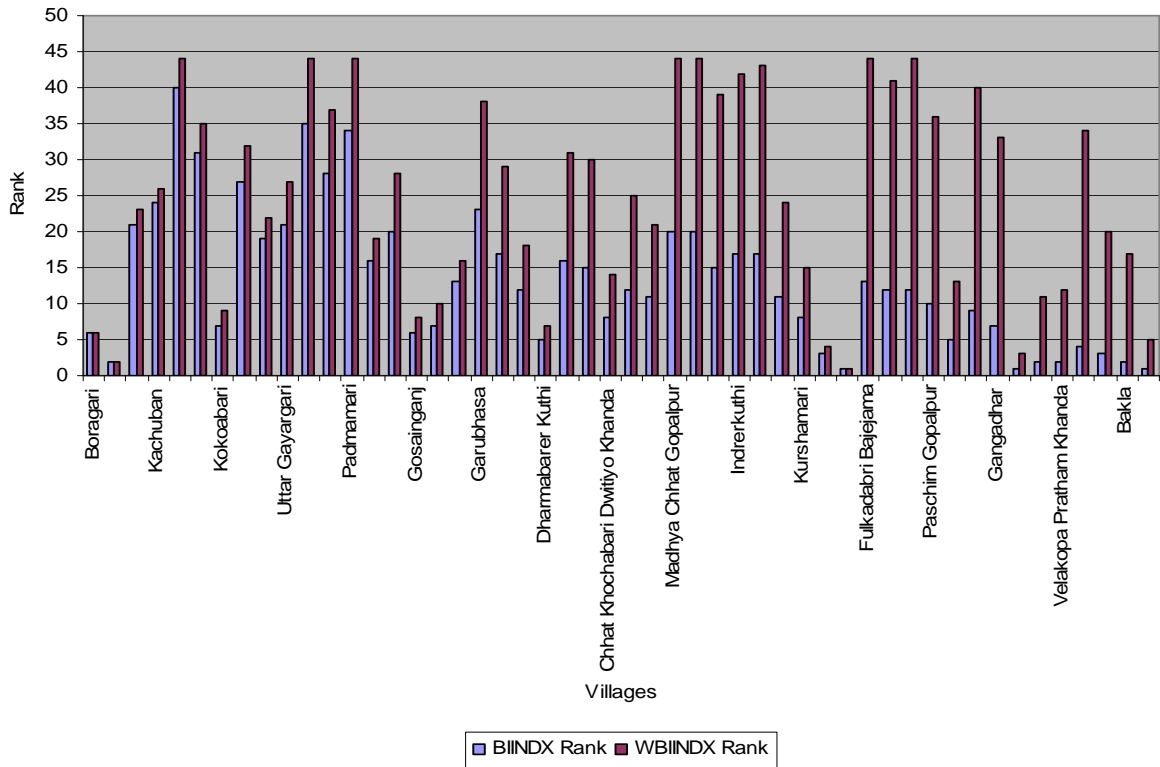
| Village Code             | Gender |        | Educational Level |                          |         |                     |                                     |           |                  |                               |  |                                  |                                |        |
|--------------------------|--------|--------|-------------------|--------------------------|---------|---------------------|-------------------------------------|-----------|------------------|-------------------------------|--|----------------------------------|--------------------------------|--------|
|                          | Male   | Female | Illiterate        | Literate (below primary) | Primary | Middle (class VIII) | Vocational training course (IT etc) | Secondary | Higher Secondary | Technical Diploma/Certificate | Technical/Professional Degree (medical, engineering, law etc.) | Graduate Degree (General/Honors) | Post Graduate degree (General) | Others |
| Gaochulca                | 17.71% | 14.58% | 10.42%            | 6.25%                    | 8.33%   | 5.21%               | 0.00%                               | 1.04%     | 1.04%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Purbba Hudumdanga        | 20.90% | 21.64% | 14.18%            | 10.45%                   | 8.21%   | 4.48%               | 0.00%                               | 0.75%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Madhya Chhat Gopalpur    | 0.00%  | 0.00%  | 0.00%             | 0.00%                    | 0.00%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Chhat Khagribari         | 0.00%  | 0.00%  | 0.00%             | 0.00%                    | 0.00%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Chhota Chhat Dhan Dhan   | 3.09%  | 3.09%  | 5.15%             | 1.03%                    | 0.00%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Inderkuthi               | 2.05%  | 2.05%  | 3.42%             | 0.00%                    | 0.00%   | 0.68%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Kharija Ratanpur         | 0.97%  | 1.94%  | 1.94%             | 0.00%                    | 0.97%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Chandamari               | 14.66% | 18.10% | 16.38%            | 8.62%                    | 6.03%   | 0.86%               | 0.00%                               | 0.86%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Kurshamari               | 21.01% | 26.05% | 22.69%            | 12.61%                   | 6.72%   | 4.20%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.84%                            | 0.00%                          | 0.00%  |
| Nagar Gopalganj          | 41.86% | 33.33% | 17.05%            | 20.16%                   | 26.36%  | 4.65%               | 0.78%                               | 2.33%     | 0.00%            | 0.00%                         | 0.78%  | 2.33%                            | 0.00%                          | 0.78%  |
| Patakamari               | 42.74% | 42.74% | 26.61%            | 16.13%                   | 21.77%  | 14.52%              | 0.00%                               | 4.03%     | 0.81%            | 0.00%                         | 0.00%  | 1.61%                            | 0.00%                          | 0.00%  |
| Fulkadabri Bajejama      | 0.00%  | 0.00%  | 0.00%             | 0.00%                    | 0.00%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Bara Nijaraf             | 2.08%  | 2.08%  | 2.08%             | 1.04%                    | 0.00%   | 1.04%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Fulkadabri               | 0.00%  | 0.00%  | 0.00%             | 0.00%                    | 0.00%   | 0.00%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Paschim Gopalpur         | 8.26%  | 8.26%  | 10.74%            | 2.48%                    | 1.65%   | 1.65%               | 0.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Satgharia                | 28.30% | 22.64% | 31.13%            | 10.38%                   | 3.77%   | 3.77%               | 0.00%                               | 0.94%     | 0.00%            | 0.00%                         | 0.00%  | 0.94%                            | 0.00%                          | 0.00%  |
| Shatimari                | 2.70%  | 2.70%  | 0.00%             | 0.90%                    | 0.00%   | 0.90%               | 0.00%                               | 0.00%     | 0.90%            | 0.00%                         | 0.00%  | 1.80%                            | 0.90%                          | 0.00%  |
| Gangadhar                | 11.76% | 13.45% | 8.40%             | 1.68%                    | 5.88%   | 3.36%               | 0.00%                               | 0.84%     | 0.84%            | 0.00%                         | 0.00%  | 3.36%                            | 0.84%                          | 0.00%  |
| Fulbari                  | 45.22% | 36.52% | 42.61%            | 12.17%                   | 19.13%  | 4.35%               | 0.00%                               | 1.74%     | 0.87%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.87%  |
| Chikliguri Dwitia Khanda | 28.93% | 31.40% | 21.49%            | 15.70%                   | 12.40%  | 7.44%               | 0.00%                               | 3.31%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Velakopa Pratham Khanda  | 26.72% | 25.95% | 25.95%            | 4.58%                    | 16.03%  | 5.34%               | 0.00%                               | 0.76%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Bashraja Dwitia Khanda   | 8.00%  | 12.00% | 8.00%             | 2.00%                    | 5.00%   | 4.00%               | 1.00%                               | 0.00%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Chhat Balakuthi          | 26.67% | 15.24% | 10.48%            | 2.86%                    | 5.71%   | 16.19%              | 0.95%                               | 2.86%     | 0.00%            | 1.90%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.95%  |
| Bakla                    | 23.44% | 21.09% | 18.11%            | 1.57%                    | 11.81%  | 11.81%              | 0.00%                               | 0.00%     | 0.79%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |
| Shilghagri               | 37.27% | 32.73% | 20.91%            | 0.91%                    | 37.27%  | 10.00%              | 0.00%                               | 0.91%     | 0.00%            | 0.00%                         | 0.00%  | 0.00%                            | 0.00%                          | 0.00%  |

| Village Code                    | Main Occupation |                     |                 |                               |                            |  |            |                    |   |                               |                                    |                                |          |        |
|---------------------------------|-----------------|---------------------|-----------------|-------------------------------|----------------------------|--|------------|--------------------|---|-------------------------------|------------------------------------|--------------------------------|----------|--------|
|                                 | Cultivation     | Agricultural labour | Family Business | Regular salaried (government) | Regular salaried (private) | Temporary Casual labour (public works) | Unemployed | Only domestic work | Domestic work and collection of things for domestic purpose | Renters/pensioners/remittance | Too young/too old (unable to work) | Working in unorganised sectors | Students | Others |
| Boragari                        | 14.67%          | 4.00%               | 0.00%           | 0.00%                         | 4.00%                      | 1.33%                                  | 0.00%      | 17.33%             | 0.00%   | 1.33%                         | 6.67%                              | 0.00%                          | 18.67%   | 0.00%  |
| Borakhata                       | 6.61%           | 4.96%               | 0.00%           | 0.83%                         | 2.48%                      | 7.44%                                  | 3.31%      | 23.97%             | 0.83%   | 0.00%                         | 7.44%                              | 0.00%                          | 19.83%   | 6.61%  |
| Hollanger Kuthi                 | 4.21%           | 1.15%               | 0.00%           | 0.38%                         | 0.00%                      | 1.92%                                  | 0.38%      | 6.51%              | 3.07%   | 0.00%                         | 2.68%                              | 0.77%                          | 9.20%    | 2.68%  |
| Kachuban                        | 2.21%           | 0.00%               | 1.10%           | 0.00%                         | 0.00%                      | 3.31%                                  | 1.66%      | 7.73%              | 0.55%   | 0.00%                         | 3.87%                              | 0.55%                          | 7.73%    | 1.66%  |
| Karibharal                      | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 0.00%              | 0.00%   | 0.00%                         | 0.00%                              | 0.00%                          | 0.00%    | 0.00%  |
| Kharija Kakribari               | 0.54%           | 0.27%               | 0.54%           | 0.82%                         | 0.00%                      | 1.90%                                  | 0.54%      | 4.89%              | 0.54%   | 0.82%                         | 0.82%                              | 2.45%                          | 3.53%    | 0.54%  |
| Kokoabari                       | 1.56%           | 6.25%               | 0.00%           | 4.69%                         | 0.00%                      | 1.56%                                  | 3.13%      | 12.50%             | 1.56%   | 1.56%                         | 3.13%                              | 3.13%                          | 20.31%   | 3.13%  |
| Petbhata Chandanchowra          | 1.35%           | 1.69%               | 0.00%           | 0.68%                         | 0.68%                      | 1.01%                                  | 1.01%      | 6.42%              | 0.00%   | 0.00%                         | 3.38%                              | 0.68%                          | 6.76%    | 3.04%  |
| Siddheswari                     | 4.07%           | 0.14%               | 0.70%           | 0.42%                         | 0.84%                      | 2.52%                                  | 0.70%      | 8.56%              | 0.14%   | 0.14%                         | 2.95%                              | 0.00%                          | 10.94%   | 0.98%  |
| Uttar Gayargari                 | 3.13%           | 3.75%               | 0.00%           | 0.00%                         | 0.63%                      | 1.88%                                  | 2.50%      | 6.25%              | 1.25%   | 0.00%                         | 1.25%                              | 0.00%                          | 8.75%    | 0.63%  |
| Barabangla                      | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 0.00%              | 0.00%   | 0.00%                         | 0.00%                              | 0.00%                          | 0.00%    | 0.00%  |
| Kajalikura                      | 1.28%           | 1.53%               | 0.00%           | 0.00%                         | 0.26%                      | 0.77%                                  | 1.02%      | 2.81%              | 0.51%   | 0.00%                         | 0.51%                              | 0.26%                          | 3.83%    | 0.26%  |
| Padmamari                       | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 0.00%              | 0.00%   | 0.00%                         | 0.00%                              | 0.00%                          | 0.00%    | 0.00%  |
| Sonarhat                        | 3.85%           | 8.97%               | 0.00%           | 0.00%                         | 0.00%                      | 2.56%                                  | 0.00%      | 11.54%             | 1.28%   | 0.00%                         | 6.41%                              | 0.00%                          | 5.13%    | 1.28%  |
| Elejanerkuthi                   | 1.57%           | 1.57%               | 1.57%           | 0.00%                         | 0.00%                      | 3.15%                                  | 0.00%      | 3.94%              | 2.36%   | 0.00%                         | 10.24%                             | 0.79%                          | 4.72%    | 0.00%  |
| Gosainganj                      | 4.03%           | 9.68%               | 2.42%           | 0.81%                         | 1.61%                      | 0.81%                                  | 1.61%      | 15.32%             | 3.23%   | 0.00%                         | 14.52%                             | 0.00%                          | 8.87%    | 0.00%  |
| Sitalabas                       | 7.63%           | 4.24%               | 0.85%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 9.32%              | 3.39%   | 0.00%                         | 21.19%                             | 0.85%                          | 10.17%   | 3.39%  |
| Natuarpar                       | 0.90%           | 1.80%               | 0.00%           | 0.90%                         | 0.00%                      | 0.00%                                  | 0.90%      | 10.81%             | 0.00%   | 0.00%                         | 6.31%                              | 3.60%                          | 12.61%   | 7.21%  |
| Garubhasa                       | 0.85%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 1.71%                                  | 0.00%      | 1.71%              | 0.00%   | 0.00%                         | 0.85%                              | 0.00%                          | 2.56%    | 0.85%  |
| Dodumari                        | 1.69%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 5.08%              | 1.69%   | 0.00%                         | 5.08%                              | 0.00%                          | 9.32%    | 4.24%  |
| Malatiguri                      | 0.00%           | 5.22%               | 0.00%           | 0.00%                         | 0.00%                      | 6.96%                                  | 0.00%      | 7.83%              | 2.61%   | 0.00%                         | 8.70%                              | 0.00%                          | 11.30%   | 1.74%  |
| Dharmabarar Kuthi               | 3.64%           | 5.45%               | 0.00%           | 0.00%                         | 1.82%                      | 3.64%                                  | 2.73%      | 10.00%             | 4.55%   | 0.00%                         | 12.73%                             | 0.00%                          | 19.09%   | 1.82%  |
| Baisguri Khanda                 | 0.00%           | 5.83%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 5.00%              | 0.00%   | 0.00%                         | 7.50%                              | 0.00%                          | 7.50%    | 0.83%  |
| Daksin Kharija Gitaldaha        | 1.63%           | 3.25%               | 0.81%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 5.69%              | 0.00%   | 0.00%                         | 7.32%                              | 0.00%                          | 8.13%    | 0.00%  |
| Chhat Khochabari Dwitiyo Khanda | 3.85%           | 7.69%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 3.85%              | 6.73%   | 0.00%                         | 7.69%                              | 0.00%                          | 18.27%   | 0.96%  |

| Village Code             | Main Occupation |                     |                 |                               |                            |  |            |                    |   |                               |                                    |                                |          |        |
|--------------------------|-----------------|---------------------|-----------------|-------------------------------|----------------------------|--|------------|--------------------|---|-------------------------------|------------------------------------|--------------------------------|----------|--------|
|                          | Cultivation     | Agricultural labour | Family Business | Regular salaried (government) | Regular salaried (private) | Temporary Casual labour (public works) | Unemployed | Only domestic work | Domestic work and collection of things for domestic purpose | Renters/pensioners/remittance | Too young/too old (unable to work) | Working in unorganised sectors | Students | Others |
| Gaochulca                | 3.13%           | 3.13%               | 1.04%           | 0.00%                         | 0.00%                      | 1.04%                                  | 0.00%      | 8.33%              | 0.00%   | 0.00%                         | 7.29%                              | 0.00%                          | 6.25%    | 2.08%  |
| Purbba Hudumdanga        | 8.96%           | 2.24%               | 0.00%           | 0.00%                         | 0.00%                      | 1.49%                                  | 0.00%      | 0.00%              | 11.94%  | 0.00%                         | 8.21%                              | 0.00%                          | 5.22%    | 0.00%  |
| Madhya Chhat Gopalpur    | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 0.00%              | 0.00%   | 0.00%                         | 0.00%                              | 0.00%                          | 0.00%    | 0.00%  |
| Chhat Khagribari         | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 0.00%              | 0.00%   | 0.00%                         | 0.00%                              | 0.00%                          | 0.00%    | 0.00%  |
| Chhota Chhat Dhan Dhan   | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 1.03%                                  | 0.00%      | 2.06%              | 0.00%   | 0.00%                         | 2.06%                              | 0.00%                          | 0.00%    | 1.03%  |
| Inderkuthi               | 0.00%           | 1.37%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 1.37%              | 0.00%   | 0.00%                         | 0.68%                              | 0.00%                          | 0.68%    | 0.00%  |
| Kharija Ratanpur         | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.97%                                  | 0.00%      | 0.97%              | 0.00%   | 0.00%                         | 0.97%                              | 0.00%                          | 0.00%    | 0.00%  |
| Chandamari               | 0.86%           | 3.45%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 5.17%              | 2.59%   | 0.00%                         | 9.48%                              | 0.86%                          | 7.76%    | 2.59%  |
| Kurshamari               | 0.00%           | 0.84%               | 0.00%           | 0.84%                         | 0.00%                      | 0.00%                                  | 0.00%      | 10.92%             | 0.84%   | 0.00%                         | 15.13%                             | 4.20%                          | 10.08%   | 4.20%  |
| Nagar Gopalganj          | 6.98%           | 9.30%               | 0.00%           | 1.55%                         | 0.00%                      | 6.20%                                  | 0.00%      | 15.50%             | 1.55%   | 0.00%                         | 9.30%                              | 0.78%                          | 22.48%   | 1.55%  |
| Patakamari               | 8.06%           | 3.23%               | 2.42%           | 0.81%                         | 4.03%                      | 6.45%                                  | 0.00%      | 18.55%             | 3.23%   | 0.00%                         | 19.35%                             | 0.00%                          | 19.35%   | 0.00%  |
| Fulkadabri Bajejama      | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 0.00%              | 0.00%   | 0.00%                         | 0.00%                              | 0.00%                          | 0.00%    | 0.00%  |
| Bara Nijtaraf            | 1.04%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 1.04%              | 0.00%   | 0.00%                         | 1.04%                              | 0.00%                          | 1.04%    | 0.00%  |
| Fulkadabri               | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 0.00%              | 0.00%   | 0.00%                         | 0.00%                              | 0.00%                          | 0.00%    | 0.00%  |
| Paschim Gopalpur         | 2.48%           | 0.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 1.65%              | 2.48%   | 0.00%                         | 4.13%                              | 0.00%                          | 4.96%    | 0.83%  |
| Satgharia                | 0.94%           | 0.94%               | 0.00%           | 0.00%                         | 0.94%                      | 2.83%                                  | 0.94%      | 11.32%             | 0.00%   | 0.00%                         | 15.09%                             | 0.00%                          | 10.38%   | 7.55%  |
| Shatimari                | 0.00%           | 0.00%               | 0.90%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 1.80%              | 0.00%   | 0.90%                         | 0.00%                              | 0.00%                          | 1.80%    | 0.00%  |
| Gangadhar                | 4.20%           | 0.00%               | 0.00%           | 1.68%                         | 0.00%                      | 0.00%                                  | 1.68%      | 7.56%              | 0.00%   | 0.84%                         | 7.56%                              | 0.00%                          | 0.00%    | 1.68%  |
| Fulbari                  | 6.96%           | 3.48%               | 0.00%           | 0.00%                         | 0.00%                      | 5.22%                                  | 0.00%      | 10.43%             | 0.87%   | 0.00%                         | 20.00%                             | 6.96%                          | 26.09%   | 1.74%  |
| Chikliguri Dwitia Khanda | 4.96%           | 3.31%               | 3.31%           | 0.00%                         | 1.65%                      | 3.31%                                  | 0.83%      | 14.88%             | 0.00%   | 0.00%                         | 14.05%                             | 0.00%                          | 11.57%   | 2.48%  |
| Velakopa Pratham Khanda  | 6.11%           | 3.05%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.76%      | 11.45%             | 1.53%   | 0.00%                         | 13.74%                             | 3.05%                          | 12.21%   | 0.76%  |
| Bashraja Dwitia Khanda   | 1.00%           | 3.00%               | 0.00%           | 0.00%                         | 0.00%                      | 0.00%                                  | 0.00%      | 3.00%              | 1.00%   | 0.00%                         | 2.00%                              | 0.00%                          | 9.00%    | 1.00%  |
| Chhat Balakuthi          | 0.00%           | 0.00%               | 0.00%           | 0.00%                         | 2.08%                      | 11.46%                                 | 2.08%      | 10.42%             | 0.00%   | 0.00%                         | 1.04%                              | 2.08%                          | 5.21%    | 2.08%  |
| Bakla                    | 3.20%           | 4.80%               | 3.20%           | 0.00%                         | 0.80%                      | 0.80%                                  | 1.60%      | 10.40%             | 0.80%   | 0.00%                         | 4.80%                              | 0.00%                          | 13.60%   | 0.80%  |
| Shilghagri               | 4.55%           | 6.36%               | 0.91%           | 0.00%                         | 0.00%                      | 9.09%                                  | 0.00%      | 11.82%             | 5.45%   | 0.00%                         | 13.64%                             | 0.91%                          | 17.27%   | 0.00%  |



Figure 2. Ranking By Basic Information(OTHERS)



Compared to the SC/ST groups, the others category shows that the villages of Patakamari and Shilghagri are jointly ranked best (1) according to the unweighted index, while Patakamari ranks 1 also according to the weighted index. On the other hand, there are no distinctly worst performers according to the village information index – a number of villages are tied at low spots, such as Barabangla, Fulkamari, Padmamari, Madhya Chhat Gopalpur etc. stand at rank 44 signifying poor overall village level condition. It appears

that the villages which are better for the SC/ST are not so good for the other types, implying that at the village level there is either some degree of segregation across caste groups or that villages where one of the two broad groups is dominant is not congenial for the minorities in terms of overall conditions.

We now investigate the SC/ST and general conditions in these villages according to the many categories in our sample frame. Note that, the ranks in the following tables signify that villages with low ranks are *most* socially excluded in terms of the access to such amenities. Conversely, villages ranked high in the list are least socially excluded. We are in the process of determining a critical cut-off level across villages, which would then provide us with a uniform measure of social exclusion when this analysis is extended to other districts or regions, as the case may be. From the following subsections we discuss several components one by one and compare social exclusion at the village level.

### **5.1 Housing Status (B1a- B1d/ A1a-A1d)**

Considering the case of SCs/STs as the main thrust of our study on social exclusion, we offer tables B1a-B1d as describing access to housing facilities that include sub-categories as Kutcha, Kutcha/Pucca or Pucca, whether it is owned or rented and whether the households have access to electricity provided by the West Bengal State Electricity Board. Of these, B1a-B1b describes the overall conditions while B1c and B1d offer rank across villages.

In cases of categories of OTHERS (castes other than SCs/STs), we offer tables A1a-A1d as portraying access to housing facilities that include sub-categories as Kutcha, Kutcha/Pucca or Pucca, owned or rented and whether the households have access

to electricity provided by the West Bengal State Electricity Board. Of these, A1a-A1d describes the overall situation while Tables A1c and A1d offer rank across villages.

Let us provide an example that will continue to hold for all subsequent analysis under several sub-categories discussed in this report. The village of Boaragari, where 67.71% of the sample households belong to SC/ST category have 31.25% of the houses owned or rented by the households. Of this, 18.75% are Kutcha and 12.5% are Kutcha/Pucca with no purely Pucca house. All of them however have access to electricity. Based on this the un-weighted and weighted rank of Boragari is 42 and 43 respectively, implying that the village ranks low vis-à-vis other villages in the district. The best village according to housing status and access to electricity is Satimari (Rank 1), followed by Padmamari.

Similarly, when the housing status-2 (Tables B2a-B2c/A2a-A2c) include access to two alternative sources of energy in the absence of electricity, Boragari ranks low again, but this rank must be interpreted in the opposite direction as these energy use is a poor substitute of electricity. In other words, we use access to electricity as a positive attribute compared to non-electrical sources of energy.

In most of the villages houses are not electrified, with the exceptions of Boragari, kokoabari and nataurpar. Although most of the houses are owned, only few are pucca. Hardly any government provided housings are there in the villages. Only in Elejanerkuthi, Gosainganj, sitalabas, gaochulka and natuapur there are some government provided housing. Most of them are kutchha and hardly electrified. Only in Nagar Gopal ganj, Satgharia and in Fulbari the proportion of electrified houses are comparatively higher, 50%, 46% and 71% respectively. Let us provide an example that will hold for all later analysis under numerous sub-categories discussed in this report. The village of

Patakamari, of all the owned/ rented houses, 87.50% belongs to the Others category. Of this, 65.22% are Kutcha and 21.74% are kutccha-pucca. 50% of these houses have access to electricity. Based on this the un-weighted and weighted rank of Borakhata is 2 and 2 respectively, implying that the village ranks high vis-à-vis other villages in the district. The best village according to housing status and access to electricity is Fulbari (Rank 1), followed by Patakamari.

**Ranking by basic information (OTHERS)**

| Villages                                 | Basic Information<br>OTHERS |      |         |      |
|--|-----------------------------|------|---------|------|
|  | BIINDX                      | Rank | WBIINDX | Rank |
| Boragari                                 | 18.83                       | 6    | 9.38    | 6    |
| Borakhata                                | 23.07                       | 2    | 11.62   | 2    |
| Hollanger<br>Kuthi                       | 9.03                        | 21   | 4.54    | 23   |
| Kachuban                                 | 8.24                        | 24   | 4.19    | 26   |
| Karibharal                               | 0.00                        | 40   | 0.00    | 44   |
| Kharija<br>Kakribari                     | 4.82                        | 31   | 2.51    | 35   |
| Kokoabari                                | 16.75                       | 7    | 8.62    | 9    |
| Petbhata<br>Chandanchow<br>ra            | 7.32                        | 27   | 3.67    | 32   |
| Siddheswari                              | 9.24                        | 19   | 4.55    | 22   |
| Uttar<br>Gayargari                       | 8.28                        | 21   | 4.14    | 27   |
| Barabangla                               | 0.00                        | 35   | 0.00    | 44   |
| Kajalikura                               | 3.59                        | 28   | 1.80    | 37   |
| Padmamari                                | 0.00                        | 34   | 0.00    | 44   |
| Sonarhat                                 | 11.16                       | 16   | 5.66    | 19   |
| Elejanerkuthi                            | 7.86                        | 20   | 4.13    | 28   |
| Gosainganj                               | 17.01                       | 6    | 8.68    | 8    |
| Sitalabas                                | 16.35                       | 7    | 8.45    | 10   |
| Natuarpar                                | 11.95                       | 13   | 6.14    | 16   |
| Garubhasa                                | 2.33                        | 23   | 1.16    | 38   |
| Dodumari                                 | 7.48                        | 17   | 3.74    | 29   |
| Malatiguri                               | 11.96                       | 12   | 6.12    | 18   |
| Dharmabarar<br>Kuthi                     | 17.84                       | 5    | 9.03    | 7    |
| Baisguri<br>Khanda                       | 7.32                        | 16   | 3.68    | 31   |
| Daksin<br>Kharija<br>Gitaldaha           | 7.45                        | 15   | 3.70    | 30   |
| Chhat<br>Khochabari<br>Dwitiyo<br>Khanda | 13.37                       | 8    | 6.76    | 14   |

| Villages                 | Basic Information<br>OTHERS (continued) |      |         |      |
|--------------------------|---|------|---------|------|
|                          | BIINDX                                  | Rank | WBIINDX | Rank |
| Gaochulca                | 8.88                                    | 12   | 4.45    | 25   |
| Purbba Hudumdanga        | 10.14                                   | 11   | 5.40    | 21   |
| Madhya Chhat Gopalpur    | 0.00                                    | 20   | 0.00    | 44   |
| Chhat Khagribari         | 0.00                                    | 20   | 0.00    | 44   |
| Chhota Chhat Dhan Dhan   | 1.63                                    | 15   | 0.85    | 39   |
| Indrekuthi               | 1.13                                    | 17   | 0.57    | 42   |
| Kharija Ratanpur         | 0.78                                    | 17   | 0.40    | 43   |
| Chandamari               | 8.78                                    | 11   | 4.52    | 24   |
| Kurshamari               | 12.70                                   | 8    | 6.49    | 15   |
| Nagar Gopalganj          | 20.75                                   | 3    | 10.37   | 4    |
| Patakamari               | 23.44                                   | 1    | 11.79   | 1    |
| Fulkadabri Bajejama      | 0.00                                    | 13   | 0.00    | 44   |
| Bara Nijtaraf            | 1.16                                    | 12   | 0.57    | 41   |
| Fulkadabri               | 0.00                                    | 12   | 0.00    | 44   |
| Paschim Gopalpur         | 4.41                                    | 10   | 2.28    | 36   |
| Satgharia                | 13.69                                   | 5    | 7.03    | 13   |
| Shatimari                | 1.37                                    | 9    | 0.75    | 40   |
| Gangadhar                | 6.62                                    | 7    | 3.48    | 33   |
| Fulbari                  | 22.18                                   | 1    | 11.27   | 3    |
| Chikliguri Dwitia Khanda | 16.49                                   | 2    | 8.32    | 11   |
| Velakopa Pratham Khanda  | 14.45                                   | 2    | 7.27    | 12   |
| Bashraja Dwitia Khanda   | 5.54                                    | 4    | 2.76    | 34   |
| Chhat Balakuthi          | 10.91                                   | 3    | 5.59    | 20   |
| Bakla                    | 12.31                                   | 2    | 6.14    | 17   |
| Shilghagri               | 19.24                                   | 1    | 9.66    | 5    |

- Note: 1) BIINDX = unweighted index and WBIINDX = weighted index.  
2) The villages are ranked in descending order by the respective index.  
3) The rank correlation between the 2 indices is 0.696997 and the simple correlation between them is 0.999743.

### B1a. Housing Status -1

#### Housing Status-1

#### SC & ST

| Villages                   | Ownership of house |                    |        | Type of house (7.2) |              |       |        | Electricity |
|----------------------------|--------------------|--------------------|--------|---------------------|--------------|-------|--------|-------------|
|                            | Own/Rented house   | IAY/Govt. provided | Rented | Kutcha              | Kutcha-Pucca | Pucca | Others |             |
| Boragari                   | 31.25%             | 0.00%              | 0.00%  | 18.75%              | 12.50%       | 0.00% | 0.00%  | 31.25%      |
| Borakhata                  | 21.74%             | 0.00%              | 0.00%  | 20.83%              | 0.00%        | 0.00% | 0.00%  | 12.50%      |
| Hollanger Kuthi            | 68.18%             | 1.52%              | 0.00%  | 60.61%              | 9.09%        | 0.00% | 0.00%  | 6.06%       |
| Kachuban                   | 65.12%             | 2.33%              | 0.00%  | 62.79%              | 4.65%        | 0.00% | 0.00%  | 25.58%      |
| Karibharal                 | 100.00%            | 0.00%              | 0.00%  | 8.33%               | 91.67%       | 0.00% | 0.00%  | 90.00%      |
| Kharija Kakribari          | 71.43%             | 4.76%              | 0.00%  | 35.63%              | 45.98%       | 0.00% | 0.00%  | 56.32%      |
| Kokoabari                  | 41.18%             | 0.00%              | 0.00%  | 29.41%              | 11.76%       | 0.00% | 0.00%  | 17.65%      |
| Petbhata Chandanchowra     | 74.60%             | 1.59%              | 0.00%  | 66.67%              | 9.52%        | 0.00% | 0.00%  | 12.70%      |
| Siddheswari                | 67.55%             | 1.32%              | 0.00%  | 61.84%              | 5.26%        | 1.97% | 0.00%  | 12.50%      |
| Uttar Gayargari            | 63.64%             | 0.00%              | 3.03%  | 56.25%              | 6.25%        | 0.00% | 3.13%  | 24.24%      |
| Barabangla                 | 97.06%             | 2.94%              | 0.00%  | 94.12%              | 5.88%        | 0.00% | 0.00%  | 0.00%       |
| Kajalikura                 | 81.94%             | 1.39%              | 1.39%  | 62.50%              | 21.59%       | 0.00% | 2.27%  | 26.44%      |
| Padmamari                  | 95.00%             | 0.00%              | 5.00%  | 100.00%             | 0.00%        | 0.00% | 0.00%  | 35.00%      |
| Sonarhat                   | 58.82%             | 0.00%              | 0.00%  | 58.82%              | 0.00%        | 0.00% | 0.00%  | 11.76%      |
| Elejanerkuthi              | 58.33%             | 8.33%              | 0.00%  | 62.50%              | 4.17%        | 0.00% | 0.00%  | 12.50%      |
| Gosainganj                 | 39.13%             | 4.35%              | 0.00%  | 45.45%              | 0.00%        | 0.00% | 0.00%  | 8.70%       |
| Sitalabas                  | 29.17%             | 8.33%              | 0.00%  | 37.50%              | 0.00%        | 0.00% | 0.00%  | 4.17%       |
| Natuarpar                  | 50.00%             | 8.33%              | 0.00%  | 54.17%              | 0.00%        | 4.17% | 0.00%  | 47.83%      |
| Garubhasa                  | 75.00%             | 16.67%             | 0.00%  | 70.83%              | 12.50%       | 8.33% | 0.00%  | 50.00%      |
| Dodumari                   | 69.57%             | 0.00%              | 0.00%  | 62.50%              | 8.33%        | 0.00% | 0.00%  | 16.67%      |
| Malatiguri                 | 62.50%             | 0.00%              | 0.00%  | 62.50%              | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Dharmabarar Kuthi          | 33.33%             | 0.00%              | 0.00%  | 33.33%              | 0.00%        | 0.00% | 0.00%  | 4.17%       |
| Baisguri Khanda            | 64.00%             | 8.00%              | 0.00%  | 68.00%              | 4.00%        | 0.00% | 0.00%  | 24.00%      |
| Daksin Kharija Gitaldaha   | 70.83%             | 0.00%              | 0.00%  | 70.83%              | 0.00%        | 0.00% | 0.00%  | 41.67%      |
| Chhat Khochabari Dwitiyo k | 45.83%             | 4.17%              | 0.00%  | 50.00%              | 0.00%        | 0.00% | 0.00%  | 0.00%       |

## B1b. Housing Status -1

### Housing Status-1 SC & ST (continued)

| Villages                  | Ownership of house |                    |        | Type of house (7.2) |              |        |        | Electricity |
|---------------------------|--------------------|--------------------|--------|---------------------|--------------|--------|--------|-------------|
|                           | Own/Rented house   | IAY/Govt. provided | Rented | Kutcha              | Kutcha-Pucca | Pucca  | Others |             |
| Gaochulca                 | 66.67%             | 0.00%              | 0.00%  | 65.22%              | 0.00%        | 0.00%  | 0.00%  | 13.04%      |
| Purbba Hudumdanga         | 37.50%             | 20.83%             | 0.00%  | 50.00%              | 8.33%        | 0.00%  | 0.00%  | 16.67%      |
| Madhya Chhat Gopalpur     | 66.67%             | 33.33%             | 0.00%  | 96.00%              | 4.00%        | 0.00%  | 0.00%  | 29.17%      |
| Chhat Khagribari          | 100.00%            | 0.00%              | 0.00%  | 100.00%             | 0.00%        | 0.00%  | 0.00%  | 4.00%       |
| Chhota Chhat Dhan Dhanian | 95.83%             | 0.00%              | 0.00%  | 83.33%              | 12.50%       | 0.00%  | 0.00%  | 0.00%       |
| Indrekuthi                | 75.00%             | 20.83%             | 0.00%  | 87.50%              | 8.33%        | 0.00%  | 0.00%  | 0.00%       |
| Kharija Ratanpur          | 82.61%             | 8.70%              | 4.35%  | 91.30%              | 8.70%        | 0.00%  | 0.00%  | 37.50%      |
| Chandamari                | 70.83%             | 0.00%              | 0.00%  | 66.67%              | 4.17%        | 0.00%  | 0.00%  | 0.00%       |
| Kurshamari                | 54.17%             | 0.00%              | 0.00%  | 50.00%              | 4.17%        | 0.00%  | 0.00%  | 4.76%       |
| Nagar Gopalganj           | 25.00%             | 0.00%              | 0.00%  | 20.83%              | 0.00%        | 0.00%  | 4.17%  | 4.35%       |
| Patakamari                | 12.50%             | 0.00%              | 0.00%  | 13.04%              | 0.00%        | 0.00%  | 0.00%  | 0.00%       |
| Fulkadabri Bajejama       | 70.83%             | 29.17%             | 0.00%  | 91.67%              | 4.17%        | 4.17%  | 0.00%  | 29.17%      |
| Bara Nijtaraf             | 95.83%             | 0.00%              | 0.00%  | 91.67%              | 4.17%        | 0.00%  | 0.00%  | 29.17%      |
| Fulkadabri                | 87.50%             | 12.50%             | 0.00%  | 75.00%              | 8.33%        | 16.67% | 0.00%  | 8.33%       |
| Paschim Gopalpur          | 66.67%             | 16.67%             | 0.00%  | 75.00%              | 8.33%        | 0.00%  | 0.00%  | 25.00%      |
| Satgharia                 | 39.13%             | 4.35%              | 0.00%  | 45.83%              | 0.00%        | 0.00%  | 0.00%  | 25.00%      |
| Shatimari                 | 87.50%             | 8.33%              | 0.00%  | 95.83%              | 0.00%        | 0.00%  | 0.00%  | 66.67%      |
| Gangadhar                 | 62.50%             | 12.50%             | 0.00%  | 70.83%              | 4.17%        | 0.00%  | 0.00%  | 0.00%       |
| Fulbari                   | 4.17%              | 16.67%             | 0.00%  | 4.17%               | 0.00%        | 0.00%  | 16.67% | 0.00%       |
| Chikliguri Dwitia Khanda  | 41.67%             | 4.17%              | 0.00%  | 45.83%              | 0.00%        | 0.00%  | 0.00%  | 0.00%       |
| Velakopa Pratham Khanda   | 44.00%             | 4.00%              | 0.00%  | 44.00%              | 4.00%        | 0.00%  | 0.00%  | 4.55%       |
| Bashraja Dwitia Khanda    | 68.18%             | 9.09%              | 0.00%  | 75.00%              | 4.17%        | 0.00%  | 0.00%  | 4.17%       |
| Chhat Balakuthi           | 52.17%             | 4.35%              | 0.00%  | 39.13%              | 17.39%       | 0.00%  | 0.00%  | 22.73%      |
| Bakla                     | 58.33%             | 0.00%              | 0.00%  | 54.17%              | 4.17%        | 0.00%  | 0.00%  | 0.00%       |
| Shilghagri                | 30.43%             | 4.35%              | 0.00%  | 30.43%              | 4.35%        | 0.00%  | 0.00%  | 4.17%       |



**B1c. Ranking of housing status-1**

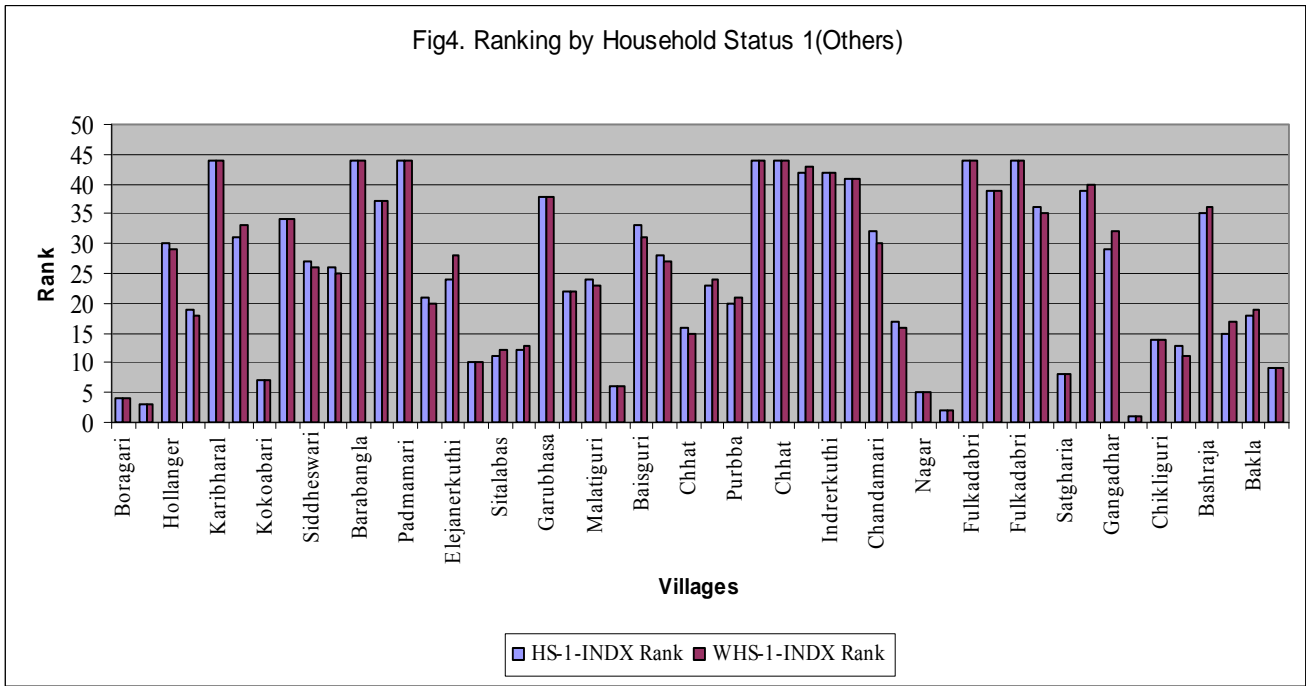
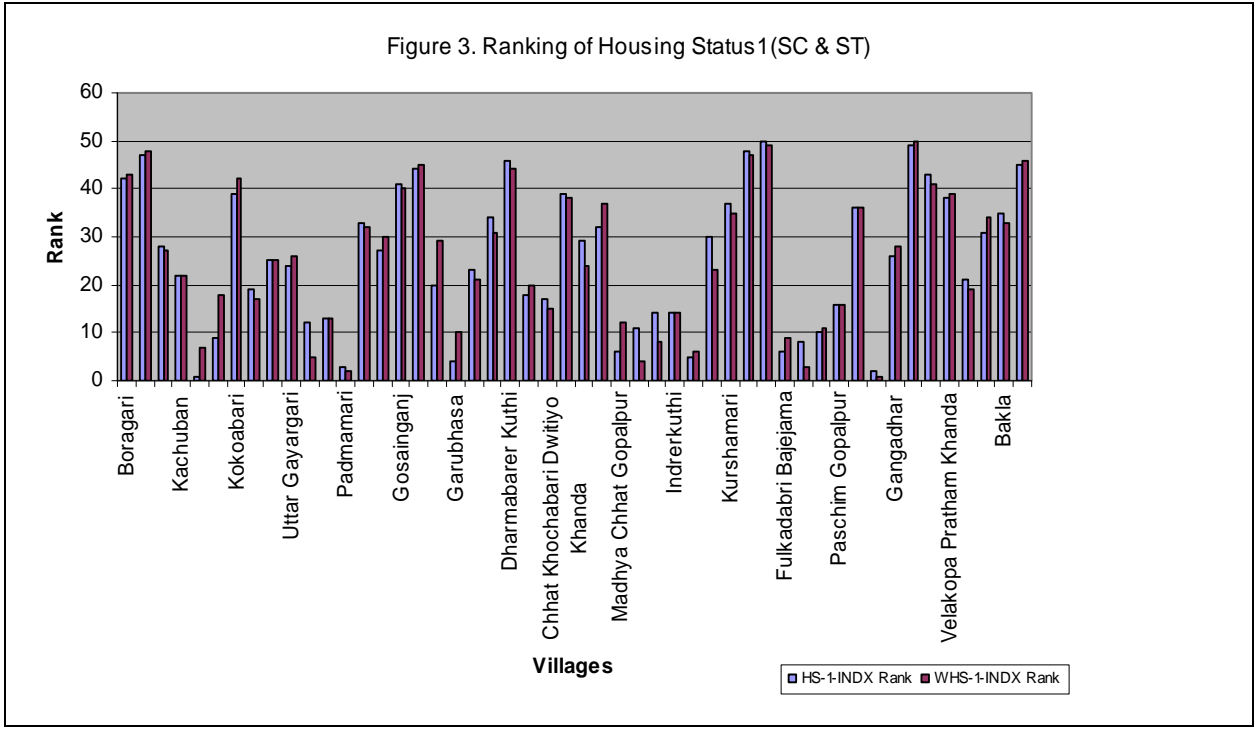
| Villages                        | Housing Status-1<br>SC & ST |       |            |       |
|---------------------------------|-----------------------------|-------|------------|-------|
|                                 | HS-1-INDX                   | Rank  | WHS-1-INDX | Rank  |
| Boragari                        | 11.72                       | 42.00 | 20.65      | 43.00 |
| Borakhata                       | 6.88                        | 47.00 | 14.45      | 48.00 |
| Hollanger Kuthi                 | 18.18                       | 28.00 | 39.98      | 27.00 |
| Kachuban                        | 20.06                       | 22.00 | 41.96      | 22.00 |
| Karibharal                      | 36.25                       | 1.00  | 55.13      | 7.00  |
| Kharija Kakribari               | 26.77                       | 9.00  | 44.32      | 18.00 |
| Kokoabari                       | 12.50                       | 39.00 | 24.75      | 42.00 |
| Petbhata Chandanchowra          | 20.63                       | 19.00 | 44.67      | 17.00 |
| Siddheswari                     | 18.81                       | 25.00 | 40.84      | 25.00 |
| Uttar Gayargari                 | 19.57                       | 24.00 | 40.26      | 26.00 |
| Barabangla                      | 25.00                       | 12.00 | 57.19      | 5.00  |
| Kajalikura                      | 24.69                       | 13.00 | 49.20      | 13.00 |
| Padmamari                       | 29.38                       | 3.00  | 62.77      | 2.00  |
| Sonarhat                        | 16.18                       | 33.00 | 36.55      | 32.00 |
| Elejanerkuthi                   | 18.23                       | 27.00 | 37.66      | 30.00 |
| Gosainganj                      | 12.20                       | 41.00 | 25.99      | 40.00 |
| Sitalabas                       | 9.90                        | 44.00 | 19.96      | 45.00 |
| Natuarpar                       | 20.56                       | 20.00 | 37.67      | 29.00 |
| Garubhasa                       | 29.17                       | 4.00  | 51.73      | 10.00 |
| Dodumari                        | 19.63                       | 23.00 | 42.37      | 21.00 |
| Malatiguri                      | 15.63                       | 34.00 | 37.06      | 31.00 |
| Dharmabarar Kuthi               | 8.85                        | 46.00 | 20.36      | 44.00 |
| Baisguri Khanda                 | 21.00                       | 18.00 | 42.60      | 20.00 |
| Daksin Kharija Gitaldaha        | 22.92                       | 17.00 | 47.91      | 15.00 |
| Chhat Khochabari Dwitiyo Khanda | 12.50                       | 39.00 | 28.21      | 38.00 |

**B1d. Ranking of housing status-1**

| Villages                  | Housing Status-1<br>SC & ST(continued) |       |            |       |
|---------------------------|--|-------|------------|-------|
|                           | HS-1-INDX                              | Rank  | WHS-1-INDX | Rank  |
| Gaochulca                 | 18.12                                  | 29.00 | 41.04      | 24.00 |
| Purbba Hudumdanga         | 16.67                                  | 32.00 | 28.24      | 37.00 |
| Madhya Chhat Gopalpur     | 28.65                                  | 6.00  | 51.22      | 12.00 |
| Chhat Khagribari          | 25.50                                  | 11.00 | 59.86      | 4.00  |
| Chhota Chhat Dhan Dhanian | 23.96                                  | 14.00 | 54.51      | 8.00  |
| Indrerkuthi               | 23.96                                  | 14.00 | 48.11      | 14.00 |
| Kharija Ratanpur          | 29.14                                  | 5.00  | 57.17      | 6.00  |
| Chandamari                | 17.71                                  | 30.00 | 41.23      | 23.00 |
| Kurshamari                | 14.14                                  | 37.00 | 32.02      | 35.00 |
| Nagar Gopalganj           | 6.79                                   | 48.00 | 14.90      | 47.00 |
| Patakamari                | 3.19                                   | 50.00 | 7.54       | 49.00 |
| Fulkadabri Bajejama       | 28.65                                  | 6.00  | 51.79      | 9.00  |
| Bara Nijtaraf             | 27.60                                  | 8.00  | 60.19      | 3.00  |
| Fulkadabri                | 26.04                                  | 10.00 | 51.29      | 11.00 |
| Paschim Gopalpur          | 23.96                                  | 16.00 | 45.68      | 16.00 |
| Satgharia                 | 14.29                                  | 36.00 | 28.39      | 36.00 |
| Shatimari                 | 32.29                                  | 2.00  | 63.41      | 1.00  |
| Gangadhar                 | 18.75                                  | 26.00 | 39.40      | 28.00 |
| Fulbari                   | 5.21                                   | 49.00 | 4.44       | 50.00 |
| Chikliguri Dwitia Khanda  | 11.46                                  | 43.00 | 25.74      | 41.00 |
| Velakopa Pratham Khanda   | 12.57                                  | 38.00 | 26.99      | 39.00 |
| Bashraja Dwitia Khanda    | 20.08                                  | 21.00 | 42.96      | 19.00 |
| Chhat Balakuthi           | 16.97                                  | 31.00 | 32.03      | 34.00 |
| Bakla                     | 14.58                                  | 35.00 | 33.82      | 33.00 |
| Shilghagri                | 9.22                                   | 45.00 | 18.92      | 46.00 |

Note:

- 1) HS-1-INDX = unweighted index and WHS-1-INDX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.
- 3) The rank correlation between the 2 indices is 0.952327 and the simple correlation between them is 0.96966.



## A1a. Housing Status 1

**Housing Status-1 OTHERS (Table 1)**

| Villages          | Ownership of house |                   |        | Type of house |              |       |        | Electricity |
|-------------------|--------------------|-------------------|--------|---------------|--------------|-------|--------|-------------|
|                   | Own/Rented         | IAY/Govt.provided | Rented | Kutcha        | Kutcha-Pucca | Pucca | Others |             |
| Boragari          | 68.75%             | 0.00%             | 0.00%  | 37.50%        | 25.00%       | 6.25% | 0.00%  | 50.00%      |
| Borakhata         | 78.26%             | 0.00%             | 0.00%  | 79.17%        | 0.00%        | 0.00% | 0.00%  | 37.50%      |
| Hollanger Kuthi   | 30.30%             | 0.00%             | 0.00%  | 27.27%        | 3.03%        | 0.00% | 0.00%  | 0.00%       |
| Kachuban          | 32.56%             | 0.00%             | 0.00%  | 27.91%        | 4.65%        | 0.00% | 0.00%  | 23.26%      |
| Karibharal        | 0.00%              | 0.00%             | 0.00%  | 0.00%         | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Kharija Kakribari | 23.81%             | 0.00%             | 0.00%  | 5.75%         | 10.34%       | 2.30% | 0.00%  | 17.24%      |
| Kokoabari         | 58.82%             | 0.00%             | 0.00%  | 23.53%        | 35.29%       | 0.00% | 0.00%  | 41.18%      |
| Petbhata          |                    |                   |        |               |              |       |        |             |
| Chandanchowra     | 23.81%             | 0.00%             | 0.00%  | 22.22%        | 0.00%        | 1.59% | 0.00%  | 4.76%       |
| Siddheswari       | 30.46%             | 0.66%             | 0.00%  | 27.63%        | 3.29%        | 0.00% | 0.00%  | 7.24%       |
| Uttar Gayargari   | 33.33%             | 0.00%             | 0.00%  | 31.25%        | 3.13%        | 0.00% | 0.00%  | 3.03%       |
| Barabangla        | 0.00%              | 0.00%             | 0.00%  | 0.00%         | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Kajalikura        | 15.28%             | 0.00%             | 0.00%  | 11.36%        | 2.27%        | 0.00% | 0.00%  | 2.30%       |
| Padmamari         | 0.00%              | 0.00%             | 0.00%  | 0.00%         | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Sonarhat          | 41.18%             | 0.00%             | 0.00%  | 41.18%        | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Elejanerkuthi     | 20.83%             | 12.50%            | 0.00%  | 29.17%        | 4.17%        | 0.00% | 0.00%  | 8.33%       |
| Gosainganj        | 52.17%             | 4.35%             | 0.00%  | 50.00%        | 4.55%        | 0.00% | 0.00%  | 21.74%      |
| Sitalabas         | 41.67%             | 20.83%            | 0.00%  | 54.17%        | 4.17%        | 4.17% | 0.00%  | 4.17%       |
| Natuarpar         | 33.33%             | 8.33%             | 0.00%  | 20.83%        | 12.50%       | 8.33% | 0.00%  | 39.13%      |
| Garubhasa         | 4.17%              | 4.17%             | 0.00%  | 8.33%         | 0.00%        | 0.00% | 0.00%  | 8.33%       |
| Dodumari          | 30.43%             | 0.00%             | 0.00%  | 20.83%        | 8.33%        | 0.00% | 0.00%  | 20.83%      |
| Malatiguri        | 37.50%             | 0.00%             | 0.00%  | 37.50%        | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Dharmabarar       |                    |                   |        |               |              |       |        |             |
| Kuthi             | 66.67%             | 0.00%             | 0.00%  | 66.67%        | 0.00%        | 0.00% | 0.00%  | 33.33%      |
| Baisguri Khanda   | 28.00%             | 0.00%             | 0.00%  | 28.00%        | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Daksin Kharija    |                    |                   |        |               |              |       |        |             |
| Gitaldaha         | 29.17%             | 0.00%             | 0.00%  | 29.17%        | 0.00%        | 0.00% | 0.00%  | 8.33%       |
| Chhat             |                    |                   |        |               |              |       |        |             |
| Khochabari        |                    |                   |        |               |              |       |        |             |
| Dwitiyo Khanda    | 50.00%             | 0.00%             | 0.00%  | 50.00%        | 0.00%        | 0.00% | 0.00%  | 0.00%       |

## A1b. Housing Status 1

**Housing Status-1 OTHERS (Table 1 continued)**

| Villages                    | Ownership of house |                   |        | Type of house |              |       |        | Electricity |
|-----------------------------|--------------------|-------------------|--------|---------------|--------------|-------|--------|-------------|
|                             | Own/Rented         | IAY/Govt.provided | Rented | Kutcha        | Kutcha-Pucca | Pucca | Others |             |
| Gaochulca                   | 29.17%             | 4.17%             | 0.00%  | 34.78%        | 0.00%        | 0.00% | 0.00%  | 8.70%       |
| Purbba<br>Hudumdanga        | 37.50%             | 4.17%             | 0.00%  | 41.67%        | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Madhya Chhat<br>Gopalpur    | 0.00%              | 0.00%             | 0.00%  | 0.00%         | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Chhat Khagribari            | 0.00%              | 0.00%             | 0.00%  | 0.00%         | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Chhota Chhat<br>Dhan Dhan   | 4.17%              | 0.00%             | 0.00%  | 0.00%         | 4.17%        | 0.00% | 0.00%  | 0.00%       |
| Indrekuthi                  | 4.17%              | 0.00%             | 0.00%  | 4.17%         | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Kharija Ratanpur            | 4.35%              | 0.00%             | 0.00%  | 0.00%         | 0.00%        | 0.00% | 0.00%  | 4.17%       |
| Chandamari                  | 29.17%             | 0.00%             | 0.00%  | 29.17%        | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Kurshamari                  | 45.83%             | 0.00%             | 0.00%  | 41.67%        | 0.00%        | 4.17% | 0.00%  | 4.76%       |
| Nagar Gopalganj             | 70.83%             | 4.17%             | 0.00%  | 70.83%        | 4.17%        | 0.00% | 0.00%  | 26.09%      |
| Patakamari                  | 87.50%             | 0.00%             | 0.00%  | 65.22%        | 21.74%       | 0.00% | 0.00%  | 50.00%      |
| Fulkadabri<br>Bajejama      | 0.00%              | 0.00%             | 0.00%  | 0.00%         | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Bara Nijtaraf               | 4.17%              | 0.00%             | 0.00%  | 4.17%         | 0.00%        | 0.00% | 0.00%  | 4.17%       |
| Fulkadabri                  | 0.00%              | 0.00%             | 0.00%  | 0.00%         | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Paschim Gopalpur            | 16.67%             | 0.00%             | 0.00%  | 16.67%        | 0.00%        | 0.00% | 0.00%  | 8.33%       |
| Satgharia                   | 47.83%             | 8.70%             | 0.00%  | 33.33%        | 20.83%       | 0.00% | 0.00%  | 45.83%      |
| Shatimari                   | 4.17%              | 0.00%             | 0.00%  | 0.00%         | 4.17%        | 0.00% | 0.00%  | 4.17%       |
| Gangadhar                   | 20.83%             | 4.17%             | 0.00%  | 16.67%        | 8.33%        | 0.00% | 0.00%  | 12.50%      |
| Fulbari                     | 79.17%             | 0.00%             | 0.00%  | 75.00%        | 0.00%        | 4.17% | 0.00%  | 70.83%      |
| Chikliguri Dwitia<br>Khanda | 50.00%             | 4.17%             | 0.00%  | 50.00%        | 0.00%        | 4.17% | 0.00%  | 0.00%       |
| Velakopa Pratham<br>Khanda  | 52.00%             | 0.00%             | 0.00%  | 52.00%        | 0.00%        | 0.00% | 0.00%  | 9.09%       |
| Bashraja Dwitia<br>Khanda   | 18.18%             | 4.55%             | 0.00%  | 20.83%        | 0.00%        | 0.00% | 0.00%  | 0.00%       |
| Chhat Balakuthi             | 39.13%             | 4.35%             | 0.00%  | 30.43%        | 8.70%        | 4.35% | 0.00%  | 13.64%      |
| Bakla                       | 37.50%             | 4.17%             | 0.00%  | 33.33%        | 0.00%        | 8.33% | 0.00%  | 8.70%       |
| Shilghagri                  | 60.87%             | 4.35%             | 0.00%  | 52.17%        | 13.04%       | 0.00% | 0.00%  | 16.67%      |

**A1c. Ranking by Housing Status 1**

| Villages                           | Housing Status-1<br>OTHERS |       |            |       |
|------------------------------------|----------------------------|-------|------------|-------|
|                                    | HS-1-INDX                  | Rank  | WHS-1-INDX | Rank  |
| Boragari                           | 23.44                      | 4.00  | 44.93      | 4.00  |
| Borakhata                          | 24.37                      | 3.00  | 50.45      | 3.00  |
| Hollanger Kuthi                    | 7.58                       | 30.00 | 15.51      | 29.00 |
| Kachuban                           | 11.05                      | 19.00 | 22.35      | 18.00 |
| Karibharal                         | 0.00                       | 44.00 | 0.00       | 44.00 |
| Kharija Kakribari                  | 7.43                       | 31.00 | 14.13      | 33.00 |
| Kokoabari                          | 19.85                      | 7.00  | 37.46      | 7.00  |
| Petbhata<br>Chandanchowra          | 6.55                       | 34.00 | 13.37      | 34.00 |
| Siddheswari                        | 8.66                       | 27.00 | 17.50      | 26.00 |
| Uttar Gayargari                    | 8.84                       | 26.00 | 18.07      | 25.00 |
| Barabangla                         | 0.00                       | 44.00 | 0.00       | 44.00 |
| Kajalikura                         | 3.90                       | 37.00 | 7.95       | 37.00 |
| Padmamari                          | 0.00                       | 44.00 | 0.00       | 44.00 |
| Sonarhat                           | 10.29                      | 21.00 | 21.49      | 20.00 |
| Elejanerkuthi                      | 9.38                       | 24.00 | 15.75      | 28.00 |
| Gosainganj                         | 16.60                      | 10.00 | 32.89      | 10.00 |
| Sitalabas                          | 16.15                      | 11.00 | 27.07      | 12.00 |
| Natuarpar                          | 15.31                      | 12.00 | 26.81      | 13.00 |
| Garubhasa                          | 3.13                       | 38.00 | 5.33       | 38.00 |
| Dodumari                           | 10.05                      | 22.00 | 19.98      | 22.00 |
| Malatiguri                         | 9.38                       | 24.00 | 19.57      | 23.00 |
| Dharmabarar<br>Kuthi               | 20.83                      | 6.00  | 43.15      | 6.00  |
| Baisguri Khanda                    | 7.00                       | 33.00 | 14.61      | 31.00 |
| Daksin Kharija<br>Gitaldaha        | 8.33                       | 28.00 | 17.31      | 27.00 |
| Chhat Khochabari<br>Dwitiyo Khanda | 12.50                      | 16.00 | 26.09      | 15.00 |

**A1d. Ranking by Housing Status 1**

| Villages                      | Housing Status-1 continued<br>OTHERS |       |            |       |
|-------------------------------|--------------------------------------|-------|------------|-------|
|                               | HS-1-INDX                            | Rank  | WHS-1-INDX | Rank  |
| Gaochulca                     | 9.60                                 | 23.00 | 18.80      | 24.00 |
| Purbba<br>Hudumdanga          | 10.42                                | 20.00 | 20.64      | 21.00 |
| Madhya Chhat<br>Gopalpur      | 0.00                                 | 44.00 | 0.00       | 44.00 |
| Chhat Khagribari              | 0.00                                 | 44.00 | 0.00       | 44.00 |
| Chhota Chhat<br>Dhan Dhanania | 1.04                                 | 42.00 | 1.75       | 43.00 |
| Indrerkuthi                   | 1.04                                 | 42.00 | 2.17       | 42.00 |
| Kharija Ratanpur              | 1.06                                 | 41.00 | 2.33       | 41.00 |
| Chandamari                    | 7.29                                 | 32.00 | 15.22      | 30.00 |
| Kurshamari                    | 12.05                                | 17.00 | 24.47      | 16.00 |
| Nagar Gopalganj               | 22.01                                | 5.00  | 44.15      | 5.00  |
| Patakamari                    | 28.06                                | 2.00  | 55.88      | 2.00  |
| Fulkadabri<br>Bajejama        | 0.00                                 | 44.00 | 0.00       | 44.00 |
| Bara Nijtaraf                 | 1.56                                 | 39.00 | 3.22       | 39.00 |
| Fulkadabri                    | 0.00                                 | 44.00 | 0.00       | 44.00 |
| Paschim Gopalpur              | 5.21                                 | 36.00 | 10.79      | 35.00 |
| Satgharia                     | 19.57                                | 8.00  | 36.05      | 8.00  |
| Shatimari                     | 1.56                                 | 39.00 | 2.80       | 40.00 |
| Gangadhar                     | 7.81                                 | 29.00 | 14.24      | 32.00 |
| Fulbari                       | 28.65                                | 1.00  | 58.43      | 1.00  |
| Chikliguri Dwitia<br>Khanda   | 13.54                                | 14.00 | 26.52      | 14.00 |
| Velakopa Pratham<br>Khanda    | 14.14                                | 13.00 | 29.41      | 11.00 |
| Bashraja Dwitia<br>Khanda     | 5.45                                 | 35.00 | 10.23      | 36.00 |
| Chhat Balakuthi               | 12.57                                | 15.00 | 23.41      | 17.00 |
| Bakla                         | 11.50                                | 18.00 | 21.54      | 19.00 |
| Shilghagri                    | 18.39                                | 9.00  | 35.74      | 9.00  |

- Note: 1) HS-1-INDX = unweighted Index and WHS-1-INDX = weighted index  
2) The villages are ranked in descending order by the respective index  
3) The rank correlation between the two indices is 0.996701 and the simple correlation between them is 0.996396.

## 5.2 Housing Status II (B2a-B2d/ A2a-A2d)

### B2a.Housing Status - 2

#### Housing Status-2 SC & ST

| Villages                        | Non availability of electricity | Two main sources of energy (in absence of electricity) |         |          |       |          |         |          |        |
|---------------------------------|---------------------------------|--|---------|----------|-------|----------|---------|----------|--------|
|                                 |                                 | Source 1   |         |          |       | Source 2 |         |          |        |
|                                 |                                 | Oil lamp   | Lantern | Petromax | Other | Oil lamp | Lantern | Petromax | Other  |
| Boragari                        | 0.00%                           | 0.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 0.00%   | 0.00%    | 0.00%  |
| Borakhata                       | 8.33%                           | 16.67%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 18.18%  | 0.00%    | 0.00%  |
| Hollanger Kuthi                 | 63.64%                          | 67.21%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 65.57%  | 1.64%    | 0.00%  |
| Kachuban                        | 41.86%                          | 80.00%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 77.78%  | 0.00%    | 0.00%  |
| Karibharal                      | 10.00%                          | 91.67%   | 8.33%   | 0.00%    | 0.00% | 0.00%    | 100.00% | 0.00%    | 0.00%  |
| Kharija Kakribari               | 22.99%                          | 55.71%   | 27.14%  | 1.43%    | 0.00% | 0.00%    | 90.00%  | 0.00%    | 0.00%  |
| Kokoabari                       | 23.53%                          | 44.44%   | 11.11%  | 0.00%    | 0.00% | 0.00%    | 33.33%  | 0.00%    | 0.00%  |
| Petbhata Chandanchowra          | 63.49%                          | 76.92%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 76.92%  | 0.00%    | 0.00%  |
| Siddheswari                     | 55.92%                          | 69.92%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 68.29%  | 1.63%    | 0.00%  |
| Uttar Gayargari                 | 42.42%                          | 58.33%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 60.87%  | 0.00%    | 0.00%  |
| Barabangla                      | 100.00%                         | 100.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 96.97%  | 3.03%    | 0.00%  |
| Kajalikura                      | 59.77%                          | 80.26%   | 5.26%   | 0.00%    | 0.00% | 1.82%    | 81.82%  | 0.00%    | 0.00%  |
| Padmamari                       | 65.00%                          | 100.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 100.00% | 0.00%    | 0.00%  |
| Sonarhat                        | 47.06%                          | 53.33%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 57.14%  | 0.00%    | 0.00%  |
| Elejanerkuthi                   | 54.17%                          | 68.42%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 80.00%  | 0.00%    | 0.00%  |
| Gosainganj                      | 30.43%                          | 47.06%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 16.67%  | 0.00%    | 0.00%  |
| Sitalabas                       | 33.33%                          | 36.36%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 66.67%  | 0.00%    | 0.00%  |
| Natuarpar                       | 8.70%                           | 33.33%   | 33.33%  | 0.00%    | 0.00% | 0.00%    | 100.00% | 0.00%    | 0.00%  |
| Garubhasa                       | 41.67%                          | 100.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 100.00% | 0.00%    | 0.00%  |
| Dodumari                        | 54.17%                          | 86.67%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 66.67%  | 8.33%    | 8.33%  |
| Malatiguri                      | 62.50%                          | 62.50%   | 0.00%   | 0.00%    | 0.00% |          |         |          |        |
| Dharmabarer Kuthi               | 29.17%                          | 43.75%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 46.67%  | 0.00%    | 0.00%  |
| Baisguri Khanda                 | 48.00%                          | 63.16%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 57.89%  | 0.00%    | 5.26%  |
| Daksin Kharija Gitaldaha        | 29.17%                          | 58.33%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 100.00% | 0.00%    | 0.00%  |
| Chhat Khochabari Dwitiyo Khanda | 52.17%                          | 50.00%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 18.18%  | 0.00%    | 27.27% |



## B2b.Housing Status - 2

### Housing Status-2 SC & ST(continued)

| Villages                 | Non availability of electricity | Two main sources of energy (in absence of electricity) |         |          |       |          |         |          |        |
|--------------------------|---------------------------------|--|---------|----------|-------|----------|---------|----------|--------|
|                          |                                 | Source 1   |         |          |       | Source 2 |         |          |        |
|                          |                                 | Oil lamp   | Lantern | Petromax | Other | Oil lamp | Lantern | Petromax | Other  |
| Gaochulca                | 52.17%                          | 68.42%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 60.00%  | 0.00%    | 6.67%  |
| Purbba Hudumdanga        | 41.67%                          | 50.00%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 55.56%  | 0.00%    | 11.11% |
| Madhya Chhat Gopalpur    | 70.83%                          | 100.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 72.73%  | 0.00%    | 27.27% |
| Chhat Khagribari         | 96.00%                          | 100.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 78.57%  | 0.00%    | 21.43% |
| Chhota Chhat Dhan Dhan   | 95.83%                          | 95.83%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 95.83%  | 0.00%    | 0.00%  |
| Indrekuthi               | 95.83%                          | 95.83%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 95.45%  | 0.00%    | 0.00%  |
| Kharija Ratanpur         | 58.33%                          | 93.75%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 86.67%  | 0.00%    | 13.33% |
| Chandamari               | 69.57%                          | 70.83%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 59.09%  | 0.00%    | 18.18% |
| Kurshamari               | 42.86%                          | 54.55%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 54.55%  | 0.00%    | 0.00%  |
| Nagar Gopalganj          | 17.39%                          | 26.32%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 31.25%  | 0.00%    | 0.00%  |
| Patakamari               | 12.50%                          | 25.00%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 25.00%  | 0.00%    | 0.00%  |
| Fulkadabri Bajejama      | 70.83%                          | 100.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 66.67%  | 0.00%    | 33.33% |
| Bara Nijtaraf            | 66.67%                          | 100.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 100.00% | 0.00%    | 0.00%  |
| Fulkadabri               | 91.67%                          | 100.00%  | 0.00%   | 0.00%    | 0.00% |          |         |          |        |
| Paschim Gopalpur         | 58.33%                          | 88.24%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 81.25%  | 0.00%    | 6.25%  |
| Satgharia                | 20.83%                          | 71.43%   | 0.00%   | 0.00%    | 0.00% |          |         |          |        |
| Shatimari                | 29.17%                          | 100.00%  | 0.00%   | 0.00%    | 0.00% | 0.00%    | 100.00% | 0.00%    | 0.00%  |
| Gangadhar                | 75.00%                          | 80.95%   | 4.76%   | 0.00%    | 0.00% | 0.00%    | 71.43%  | 0.00%    | 7.14%  |
| Fulbari                  | 20.83%                          | 71.43%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 33.33%  | 0.00%    | 0.00%  |
| Chikliguri Dwitia Khanda | 45.83%                          | 20.83%   | 25.00%  | 0.00%    | 0.00% |          |         |          |        |
| Velakopa Pratham Khanda  | 45.45%                          | 50.00%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 35.71%  | 0.00%    | 0.00%  |
| Bashraja Dwitia Khanda   | 75.00%                          | 75.00%   | 4.17%   | 0.00%    | 0.00% | 0.00%    | 100.00% | 0.00%    | 0.00%  |
| Chhat Balakuthi          | 31.82%                          | 52.94%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 56.25%  | 0.00%    | 0.00%  |
| Bakla                    | 56.52%                          | 61.90%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 72.73%  | 0.00%    | 0.00%  |
| Shilghagri               | 29.17%                          | 36.84%   | 0.00%   | 0.00%    | 0.00% | 0.00%    | 37.50%  | 0.00%    | 0.00%  |

**B2c. Ranking of housing status-2**

| Villages                        | Housing Status-2<br>SC & ST |       |            |       |
|---------------------------------|-----------------------------|-------|------------|-------|
|                                 | HS-2-INDX                   | Rank  | WHS-2-INDX | Rank  |
| Boragari                        | 0.00                        | 50.00 | 0.00       | 50.00 |
| Borakhata                       | 4.80                        | 49.00 | 10.41      | 49.00 |
| Hollanger Kuthi                 | 22.01                       | 24.00 | 49.90      | 20.00 |
| Kachuban                        | 22.18                       | 23.00 | 49.26      | 22.00 |
| Karibharal                      | 23.33                       | 21.00 | 47.38      | 24.00 |
| Kharija Kakribari               | 21.92                       | 25.00 | 39.64      | 30.00 |
| Kokoabari                       | 12.49                       | 44.00 | 27.15      | 43.00 |
| Petbhata Chandanchowra          | 24.15                       | 20.00 | 54.53      | 18.00 |
| Siddheswari                     | 21.75                       | 26.00 | 48.87      | 23.00 |
| Uttar Gayargari                 | 17.96                       | 34.00 | 39.99      | 29.00 |
| Barabangla                      | 33.33                       | 2.00  | 75.75      | 1.00  |
| Kajalikura                      | 25.44                       | 16.00 | 55.66      | 15.00 |
| Padmamari                       | 29.44                       | 9.00  | 65.69      | 8.00  |
| Sonarhat                        | 17.50                       | 36.00 | 39.20      | 32.00 |
| Elejanerkuthi                   | 22.51                       | 22.00 | 49.33      | 21.00 |
| Gosainganj                      | 10.46                       | 46.00 | 26.89      | 44.00 |
| Sitalabas                       | 15.15                       | 40.00 | 30.72      | 39.00 |
| Natuarpar                       | 19.48                       | 30.00 | 29.76      | 41.00 |
| Garubhasa                       | 26.85                       | 12.00 | 58.79      | 13.00 |
| Dodumari                        | 24.91                       | 18.00 | 54.65      | 17.00 |
| Malatiguri                      | 25.00                       | 17.00 | 39.36      | 31.00 |
| Dharmabarar Kuthi               | 13.29                       | 43.00 | 29.34      | 42.00 |
| Baisguri Khanda                 | 19.37                       | 31.00 | 43.30      | 27.00 |
| Daksin Kharija Gitaldaha        | 20.83                       | 28.00 | 41.18      | 28.00 |
| Chhat Khochabari Dwitiyo Khanda | 16.40                       | 38.00 | 36.80      | 35.00 |

**B2d. Ranking of housing status-2**

| Villages                  | Housing Status-2<br>SC & ST (continued) |       |            |       |
|---------------------------|---|-------|------------|-------|
|                           | HS-2-INDX                               | Rank  | WHS-2-INDX | Rank  |
| Gaochulca                 | 20.81                                   | 29.00 | 46.69      | 26.00 |
| Purbba Hudumdanga         | 17.59                                   | 35.00 | 37.22      | 34.00 |
| Madhya Chhat Gopalpur     | 30.09                                   | 7.00  | 66.15      | 6.00  |
| Chhat Khagribari          | 32.89                                   | 3.00  | 73.87      | 2.00  |
| Chhota Chhat Dhan Dhanian | 31.94                                   | 4.00  | 72.88      | 3.00  |
| Indrekuthi                | 31.90                                   | 5.00  | 72.83      | 4.00  |
| Kharija Ratanpur          | 28.01                                   | 11.00 | 61.01      | 9.00  |
| Chandamari                | 24.19                                   | 19.00 | 53.49      | 19.00 |
| Kurshamari                | 16.88                                   | 37.00 | 38.02      | 33.00 |
| Nagar Gopalganj           | 8.33                                    | 47.00 | 18.02      | 47.00 |
| Patakamari                | 6.94                                    | 48.00 | 15.31      | 48.00 |
| Fulkadabri Bajejama       | 30.09                                   | 6.00  | 65.86      | 7.00  |
| Bara Nijtaraf             | 29.63                                   | 8.00  | 66.19      | 5.00  |
| Fulkadabri                | 38.33                                   | 1.00  | 60.50      | 11.00 |
| Paschim Gopalpur          | 26.01                                   | 14.00 | 57.87      | 14.00 |
| Satgharia                 | 18.45                                   | 32.00 | 30.00      | 40.00 |
| Shatimari                 | 25.46                                   | 15.00 | 55.09      | 16.00 |
| Gangadhar                 | 26.59                                   | 13.00 | 59.59      | 12.00 |
| Fulbari                   | 13.96                                   | 42.00 | 34.37      | 38.00 |
| Chikliguri Dwitia Khanda  | 18.33                                   | 33.00 | 22.75      | 46.00 |
| Velakopa Pratham Khanda   | 14.57                                   | 41.00 | 34.81      | 36.00 |
| Bashraja Dwitia Khanda    | 28.24                                   | 10.00 | 60.68      | 10.00 |
| Chhat Balakuthi           | 15.67                                   | 39.00 | 34.44      | 37.00 |
| Bakla                     | 21.24                                   | 27.00 | 46.90      | 25.00 |
| Shilghagri                | 11.50                                   | 45.00 | 25.83      | 45.00 |

Note:

- 1) HS-2-INDX = unweighted index and WHS-2-INDX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.
- 3) The rank correlation between the 2 indices is 0.957359 and the simple correlation between them is 0.949887.

Figure 5. Ranking of Housing Status 2(SC & ST)

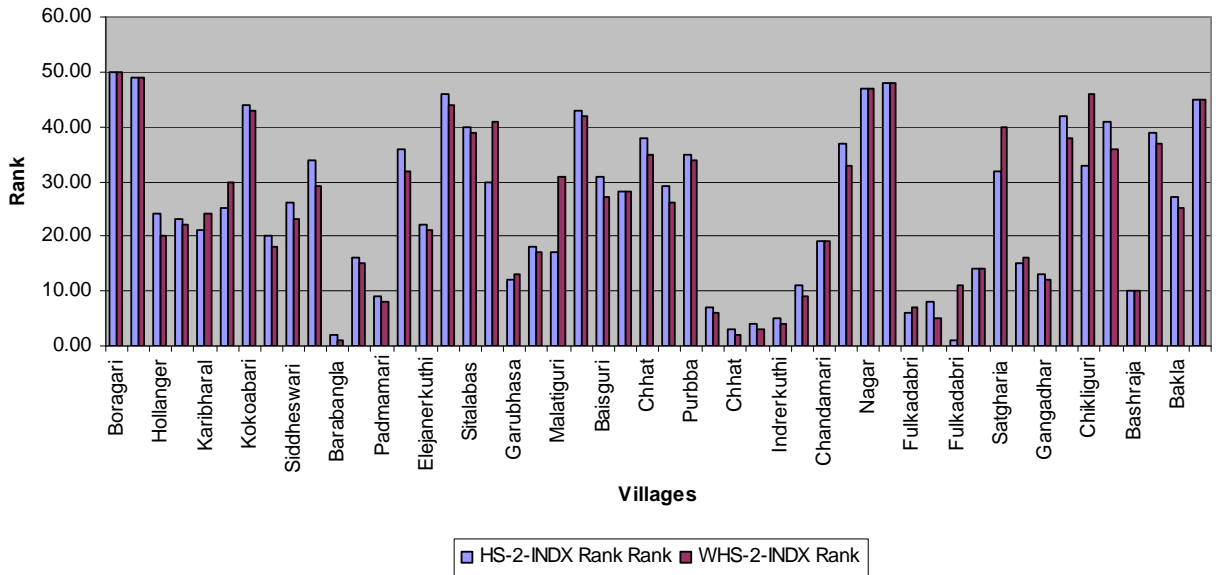
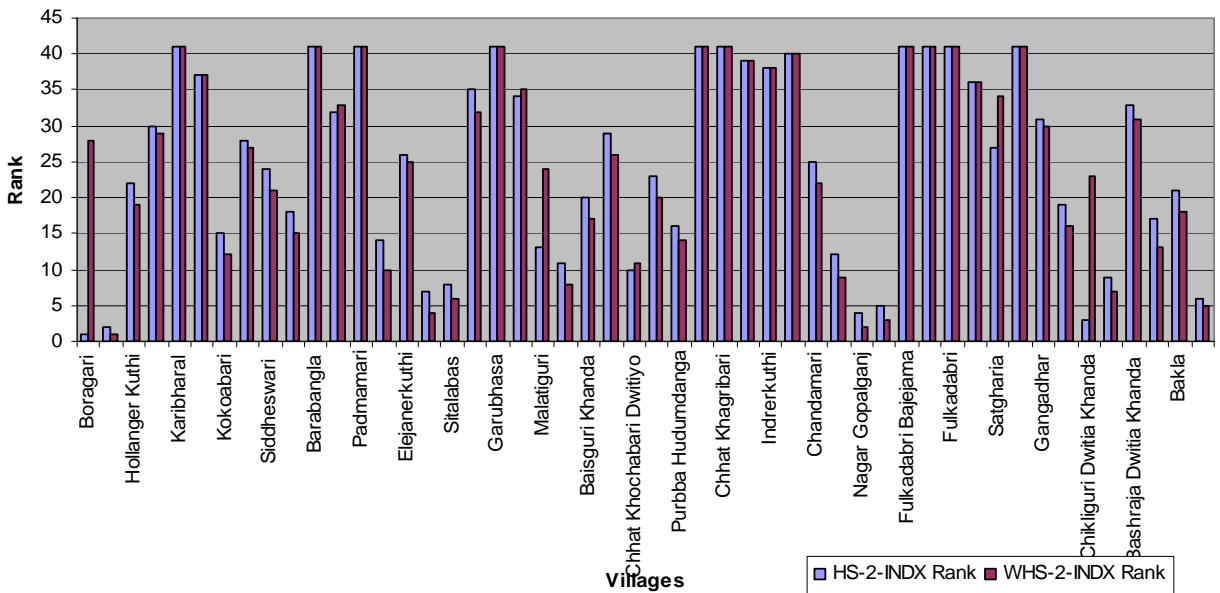


Fig 6. Ranking by Housing Status 2 ( Others)



## A2a. Housing Status 2

| <b>Housing Status-2 OTHERS (Table 2)</b> |  |   |                |                 |              |                 |                |                 |              |
|--|--|---|----------------|-----------------|--------------|-----------------|----------------|-----------------|--------------|
| <b>Villages</b>                          | <b>Non availability of electricity</b> | <b>Two main sources of energy (in absence of electricity)</b> |                |                 |              |                 |                |                 |              |
|  |  | <b>Source 1</b>   |                |                 |              | <b>Source 2</b> |                |                 |              |
|  |  | <b>Oil lamp</b>   | <b>Lantern</b> | <b>Petromax</b> | <b>Other</b> | <b>Oil lamp</b> | <b>Lantern</b> | <b>Petromax</b> | <b>Other</b> |
| Boragari                                 | 18.75%                                 | 0.00%   | 100.00%        | 0.00%           | 0.00%        | 100.00%         | 0.00%          | 0.00%           | 0.00%        |
| Borakhata                                | 41.67%                                 | 83.33%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 81.82%         | 0.00%           | 0.00%        |
| Hollanger Kuthi                          | 30.30%                                 | 32.79%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 32.79%         | 0.00%           | 0.00%        |
| Kachuban                                 | 9.30%                                  | 20.00%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 22.22%         | 0.00%           | 0.00%        |
| Karibharal                               | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Kharija Kakribari                        | 3.45%                                  | 5.71%   | 10.00%         | 0.00%           | 0.00%        | 0.00%           | 10.00%         | 0.00%           | 0.00%        |
| Kokoabari                                | 17.65%                                 | 44.44%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 66.67%         | 0.00%           | 0.00%        |
| Petbhata Chandanchowra                   | 19.05%                                 | 23.08%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 17.31%         | 5.77%           | 0.00%        |
| Siddheswari                              | 24.34%                                 | 30.08%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 30.08%         | 0.00%           | 0.00%        |
| Uttar Gayargari                          | 30.30%                                 | 41.67%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 39.13%         | 0.00%           | 0.00%        |
| Barabangla                               | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Kajalikura                               | 11.49%                                 | 13.16%  | 1.32%          | 0.00%           | 0.00%        | 0.00%           | 16.36%         | 0.00%           | 0.00%        |
| Padmamari                                | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Sonarhat                                 | 41.18%                                 | 46.67%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 42.86%         | 0.00%           | 0.00%        |
| Elejanerkuthi                            | 25.00%                                 | 21.05%  | 10.53%         | 0.00%           | 0.00%        | 0.00%           | 20.00%         | 0.00%           | 0.00%        |
| Gosainganj                               | 39.13%                                 | 52.94%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 83.33%         | 0.00%           | 0.00%        |
| Sitalabas                                | 58.33%                                 | 63.64%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 33.33%         | 0.00%           | 0.00%        |
| Natuarpar                                | 4.35%                                  | 33.33%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Garubhasa                                | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Dodumari                                 | 8.33%                                  | 13.33%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 16.67%         | 0.00%           | 0.00%        |
| Malatiguri                               | 37.50%                                 | 37.50%  | 0.00%          | 0.00%           | 0.00%        |                 |                |                 |              |
| Dharmabarar Kuthi                        | 33.33%                                 | 56.25%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 53.33%         | 0.00%           | 0.00%        |
| Baisguri Khanda                          | 28.00%                                 | 36.84%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 36.84%         | 0.00%           | 0.00%        |
| Daksin Kharija Gitaldaha                 | 20.83%                                 | 41.67%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Chhat Khochabari Dwitiyo Khanda          | 47.83%                                 | 50.00%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 27.27%         | 0.00%           | 27.27%       |

## A2b. Housing Status

| <b>Housing Status-2 OTHERS (Table 2 continued)</b> |  |   |                |                 |              |                 |                |                 |              |
|--|--|---|----------------|-----------------|--------------|-----------------|----------------|-----------------|--------------|
| <b>Villages</b>                                    | <b>Non availability of electricity</b> | <b>Two main sources of energy (in absence of electricity)</b> |                |                 |              |                 |                |                 |              |
|  |  | <b>Source 1</b>   |                |                 |              | <b>Source 2</b> |                |                 |              |
|  |  | <b>Oil lamp</b>   | <b>Lantern</b> | <b>Petromax</b> | <b>Other</b> | <b>Oil lamp</b> | <b>Lantern</b> | <b>Petromax</b> | <b>Other</b> |
| Gauchulca  | 26.09%                                 | 31.58%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 33.33%         | 0.00%           | 0.00%        |
| Purbba<br>Hudumdanga                               | 41.67%                                 | 50.00%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 22.22%         | 0.00%           | 11.11%       |
| Madhya Chhat<br>Gopalpur                           | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Chhat Khagribari                                   | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Chhota Chhat<br>Dhan Dhan                          | 4.17%                                  | 4.17%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 4.17%          | 0.00%           | 0.00%        |
| Indrerkuthi  | 4.17%                                  | 4.17%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 4.55%          | 0.00%           | 0.00%        |
| Kharija Ratanpur                                   | 0.00%                                  | 0.00%   | 6.25%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Chandamari   | 30.43%                                 | 29.17%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 22.73%         | 0.00%           | 0.00%        |
| Kurshamari   | 47.62%                                 | 45.45%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 40.91%         | 0.00%           | 4.55%        |
| Nagar Gopalganj                                    | 52.17%                                 | 73.68%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 68.75%         | 0.00%           | 0.00%        |
| Patakamari   | 37.50%                                 | 75.00%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 75.00%         | 0.00%           | 0.00%        |
| Fulkadabri<br>Bajejama                             | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Bara Nijtaraf                                      | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Fulkadabri   | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        |                 |                |                 |              |
| Paschim<br>Gopalpur                                | 8.33%                                  | 11.76%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 12.50%         | 0.00%           | 0.00%        |
| Satgharia  | 8.33%                                  | 28.57%  | 0.00%          | 0.00%           | 0.00%        |                 |                |                 |              |
| Shatimari  | 0.00%                                  | 0.00%   | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Gangadhar  | 12.50%                                 | 14.29%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 21.43%         | 0.00%           | 0.00%        |
| Fulbari  | 8.33%                                  | 28.57%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 66.67%         | 0.00%           | 0.00%        |
| Chikliguri<br>Dwitia Khanda                        | 54.17%                                 | 20.83%  | 29.17%         | 0.00%           | 4.17%        |                 |                |                 |              |
| Velakopa<br>Pratham Khanda                         | 40.91%                                 | 50.00%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 64.29%         | 0.00%           | 0.00%        |
| Bashraja Dwitia<br>Khanda                          | 20.83%                                 | 20.83%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 0.00%          | 0.00%           | 0.00%        |
| Chhat Balakuthi                                    | 31.82%                                 | 41.18%  | 5.88%          | 0.00%           | 0.00%        | 0.00%           | 43.75%         | 0.00%           | 0.00%        |
| Bakla  | 34.78%                                 | 38.10%  | 0.00%          | 0.00%           | 0.00%        | 0.00%           | 27.27%         | 0.00%           | 0.00%        |
| Shilghagri   | 50.00%                                 | 52.63%  | 10.53%         | 0.00%           | 0.00%        | 0.00%           | 56.25%         | 0.00%           | 6.25%        |

**A2c. Ranking by Housing Status 2**

| Villages        | Housing Status-2<br>OTHERS |       |            |       |
|-----------------|----------------------------|-------|------------|-------|
|                 | HS-2-INDX                  | Rank  | WHS-2-INDX | Rank  |
| Boragari        | 24.31                      | 1.00  | 15.56      | 28.00 |
| Borakhata       | 22.98                      | 2.00  | 59.63      | 1.00  |
| Hollanger Kuthi | 10.65                      | 22.00 | 27.20      | 19.00 |
| Kachuban        | 5.72                       | 30.00 | 14.81      | 29.00 |
| Karibharal      | 0.00                       | 41.00 | 0.00       | 41.00 |
| Kharija         |                            |       |            |       |
| Kakribari       | 3.24                       | 37.00 | 5.91       | 37.00 |
| Kokoabari       | 14.31                      | 15.00 | 36.65      | 12.00 |
| Petbhata        |                            |       |            |       |
| Chandanchowra   | 7.24                       | 28.00 | 17.05      | 27.00 |
| Siddheswari     | 9.39                       | 24.00 | 24.06      | 21.00 |
| Uttar Gayargari | 12.34                      | 18.00 | 31.79      | 15.00 |
| Barabangla      | 0.00                       | 41.00 | 0.00       | 41.00 |
| Kajalikura      | 4.70                       | 32.00 | 11.65      | 33.00 |
| Padmamari       | 0.00                       | 41.00 | 0.00       | 41.00 |
| Sonarhat        | 14.52                      | 14.00 | 37.21      | 10.00 |
| Elejanerkuthi   | 8.51                       | 26.00 | 19.16      | 25.00 |
| Gosainganj      | 19.49                      | 7.00  | 49.34      | 4.00  |
| Sitalabas       | 17.26                      | 8.00  | 44.73      | 6.00  |
| Natuarpar       | 4.19                       | 35.00 | 12.12      | 32.00 |
| Garubhasa       | 0.00                       | 41.00 | 0.00       | 41.00 |
| Dodumari        | 4.26                       | 34.00 | 10.90      | 35.00 |
| Malatiguri      | 15.00                      | 13.00 | 22.03      | 24.00 |
| Dharmabarar     |                            |       |            |       |
| Kuthi           | 15.88                      | 11.00 | 41.09      | 8.00  |
| Baisguri        |                            |       |            |       |
| Khanda          | 11.30                      | 20.00 | 29.00      | 17.00 |
| Daksin Kharija  |                            |       |            |       |
| Gitaldaha       | 6.94                       | 29.00 | 19.11      | 26.00 |
| Chhat           |                            |       |            |       |
| Khochabari      |                            |       |            |       |
| Dwitiyo         |                            |       |            |       |
| Khanda          | 16.93                      | 10.00 | 37.12      | 11.00 |

**A2d. Ranking by Housing Status2**

| Villages                    | Housing Status-2 continued<br>OTHERS |       |            |       |
|-----------------------------|--------------------------------------|-------|------------|-------|
|                             | HS-2-INDX                            | Rank  | WHS-2-INDX | Rank  |
| Gaochulca                   | 10.11                                | 23.00 | 25.85      | 20.00 |
| Purbba Hudumdanga           | 13.89                                | 16.00 | 33.52      | 14.00 |
| Madhya Chhat Gopalpur       | 0.00                                 | 41.00 | 0.00       | 41.00 |
| Chhat Khagribari            | 0.00                                 | 41.00 | 0.00       | 41.00 |
| Chhota Chhat Dhan Dhaniania | 1.39                                 | 39.00 | 3.54       | 39.00 |
| Indrerkuthi                 | 1.43                                 | 38.00 | 3.64       | 38.00 |
| Kharija Ratanpur            | 0.69                                 | 40.00 | 0.33       | 40.00 |
| Chandamari                  | 9.15                                 | 25.00 | 23.40      | 22.00 |
| Kurshamari                  | 15.39                                | 12.00 | 38.15      | 9.00  |
| Nagar Gopalganj             | 21.62                                | 4.00  | 55.73      | 2.00  |
| Patakamari                  | 20.83                                | 5.00  | 54.02      | 3.00  |
| Fulkadabri Bajejama         | 0.00                                 | 41.00 | 0.00       | 41.00 |
| Bara Nijtaraf               | 0.00                                 | 41.00 | 0.00       | 41.00 |
| Fulkadabri                  | 0.00                                 | 41.00 | 0.00       | 41.00 |
| Paschim Gopalpur            | 3.62                                 | 36.00 | 9.30       | 36.00 |
| Satgharia                   | 7.38                                 | 27.00 | 11.57      | 34.00 |
| Shatimari                   | 0.00                                 | 41.00 | 0.00       | 41.00 |
| Gangadhar                   | 5.36                                 | 31.00 | 13.54      | 30.00 |
| Fulbari                     | 11.51                                | 19.00 | 29.01      | 16.00 |
| Chikliguri Dwitia Khanda    | 21.67                                | 3.00  | 22.34      | 23.00 |
| Velakopa Pratham Khanda     | 17.24                                | 9.00  | 43.84      | 7.00  |
| Bashraja Dwitia Khanda      | 4.63                                 | 33.00 | 12.24      | 31.00 |
| Chhat Balakuthi             | 13.63                                | 17.00 | 33.53      | 13.00 |
| Bakla                       | 11.13                                | 21.00 | 28.66      | 18.00 |
| Shilghagri                  | 19.52                                | 6.00  | 45.77      | 5.00  |

Note: 1) HS-2-INDX = unweighted Index and WHS-2-INDX = weighted index  
2) The villages are ranked in descending order by the respective index.  
4) The rank correlation between the two indices is 0. 0.914289 and the simple correlation between them is 0.90082



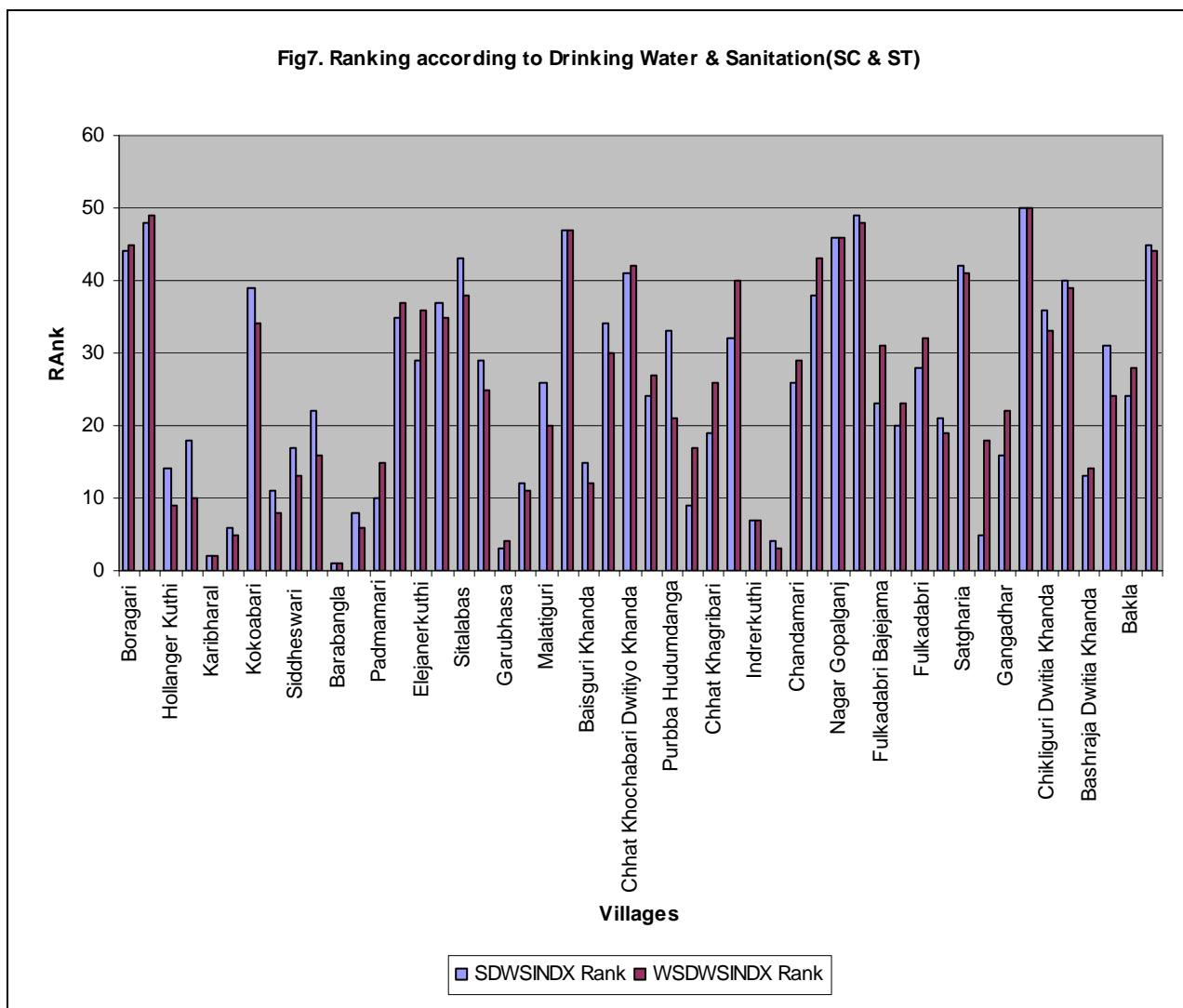
### **5.3 Drinking Water (Table B3a-B3d/ A3a-A3d)**

As it is well-known the access to drinking water offers a standard but a very important measure of the extent of social inclusion among the villagers. We identified several sources of drinking water through our questionnaire and tap water, handpump, protected wells, pond/river form the major sources of drinking water in Cooch Behar. It turns out that the villages of Barabangla and Paschim Gopalpur are best in terms of access to tap water at 88% and 83% respectively. In addition, we enquired the available toilet facilities as it is critical for the health issues which we encounter subsequently. We find that except for a few outliers as the village of Karibharal (91%) the percentage of households with in-house toilet facility is still remarkably low at 25% on average. In terms of personal hygiene and use of soaps/detergents after defecation, the condition and awareness has certainly improved although in rare cases one witnesses 100% respondents claiming such practices. Not surprisingly, therefore, the index of social exclusion (B3c-d) shows that the village of Barabangla and Karibharal rank as best performers according to the principal component analysis where the weights on positive aspects in these households outweigh the negative features such as ill-adherence to personal hygiene and so on.

Tap and hand pump are the major sources of drinking water in most of the villages. Very few use protected well as source of drinking water. No water is collected from pond or river for the purpose of drinking as per response. It appears that the village of Patakamari is best in terms of access to tap water at 86.96%. Very few have been reported to collect drinking water from protected well and none of them from pond or river. In Patakamari and in Nagar Gopal gunj large proportion of households (87% and 75% respectively) have access to drinking water from taps. In addition, when enquired about the

availability of toilet facilities, as it is critical for the health issues which we encounter subsequently, it was found that except for a few outliers as the villages of Patakamari (78.26%) followed by Borakhata (76%) the percentage of households with in-house toilet facility is still remarkably low at 19.72% on average. While only in some of the villages (eg: Boragari, Borakhata and Kokoabari) more than half of the households have in home toilet facilities, in case of the rest the proportion is rather meager. Septic tank latrines are there in place in quite a large number of households in Boragari and Borakhata, where proportion of in-house toilet facilities is also high. There is hardly any household using the in-house water sealed latrine or pit latrine. Covered dry latrine, dug well water sealed latrine and some other types of latrines are usually made use of. In terms of personal hygiene and use of soaps/detergents after defecation, the condition and awareness has not improved much although Patakamari at 73.91% still remain an exception in terms of such practices. Not surprisingly, therefore, the index of social exclusion (A3c-d) shows that the village of Patakamari and Borakhata rank as best performers according to the principal component analysis where the weights on positive aspects in these households outweigh the negative features such as ill-adherence to personal hygiene and so on. Interesting to note that, again in the villages of Boragari and Borakhata, the practice of washing hands after defecation is observed for more than half of the households. Besides, in Gosainganj, Sitalabas and Natuarpur some 50% of the households reported washing hands after defecation. For rest of the villages the proportion is very less indeed. Interesting to note that in Patakamari, a proportion of households (over 78%) also has inhouse toilet facilities and the habit of washing hand after defecation. In fact there seems to be a positive correlation between access to tap water, inhome toilet facilities and the habit of washing hands after

defecation. The type of toilet used in the villages are diverse, in Patakamari, Satgharia, Chikliguri Dwitia Khanda, Gangadhar, and Nagar gopal gunj around 17% or more households use Septic tank latrine.



### B3a. Source of drinking water

| Source of Drinking Water and Sanitation<br>SC & ST |                          |          |                |            |                                 |                           |                               |             |                     |                       |        |                                      |
|--|--------------------------|----------|----------------|------------|---------------------------------|---------------------------|-------------------------------|-------------|---------------------|-----------------------|--------|--------------------------------------|
| Villages   | Source of drinking water |          |                |            | In home<br>toilet<br>Facilities | Type of toilet facilities |                               |             |                     |                       |        | Washing<br>hands after<br>defecation |
|  | Tap                      | Handpump | Protected well | Pond/river |                                 | Septic tank latrine       | in the dwelling, water sealed | Pit latrine | Covered dry latrine | Dug well water sealed | Others |                                      |
| Boragari   | 12.50%                   | 18.75%   | 0.00%          | 0.00%      | 25.00%                          | 13.33%                    | 0.00%                         | 0.00%       | 20.00%              | 0.00%                 | 0.00%  | 18.75%                               |
| Borakhata  | 4.00%                    | 16.00%   | 0.00%          | 0.00%      | 12.00%                          | 9.09%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 4.55%  | 8.00%                                |
| Hollanger Kuthi                                    | 36.36%                   | 33.33%   | 0.00%          | 0.00%      | 53.03%                          | 4.26%                     | 2.13%                         | 2.13%       | 4.26%               | 59.57%                | 2.13%  | 53.03%                               |
| Kachuban   | 48.84%                   | 18.60%   | 0.00%          | 0.00%      | 51.16%                          | 5.56%                     | 5.56%                         | 0.00%       | 5.56%               | 36.11%                | 8.33%  | 58.14%                               |
| Karibharal   | 0.00%                    | 100.00%  | 0.00%          | 0.00%      | 91.67%                          | 0.00%                     | 0.00%                         | 0.00%       | 9.09%               | 36.36%                | 54.55% | 50.00%                               |
| Kharija Kakribari                                  | 18.68%                   | 60.44%   | 0.00%          | 0.00%      | 63.74%                          | 8.75%                     | 5.00%                         | 1.25%       | 5.00%               | 51.25%                | 6.25%  | 67.03%                               |
| Kokoabari  | 0.00%                    | 41.18%   | 0.00%          | 0.00%      | 35.29%                          | 7.14%                     | 0.00%                         | 0.00%       | 0.00%               | 35.71%                | 0.00%  | 29.41%                               |
| Petbhata Chandanchowra                             | 36.51%                   | 39.68%   | 0.00%          | 0.00%      | 46.03%                          | 2.78%                     | 8.33%                         | 2.78%       | 5.56%               | 55.56%                | 2.78%  | 63.49%                               |
| Siddheswari  | 44.81%                   | 23.38%   | 0.65%          | 0.65%      | 59.74%                          | 14.29%                    | 0.00%                         | 0.00%       | 12.03%              | 11.28%                | 31.58% | 41.06%                               |
| Uttar Gayargari                                    | 66.67%                   | 0.00%    | 0.00%          | 0.00%      | 39.39%                          | 37.50%                    | 0.00%                         | 0.00%       | 6.25%               | 37.50%                | 0.00%  | 36.36%                               |
| Barabangla   | 88.24%                   | 11.76%   | 0.00%          | 0.00%      | 61.76%                          | 4.17%                     | 4.17%                         | 0.00%       | 12.50%              | 66.67%                | 12.50% | 85.29%                               |
| Kajalikura   | 33.15%                   | 53.37%   | 0.00%          | 0.00%      | 56.18%                          | 18.64%                    | 0.00%                         | 1.69%       | 6.78%               | 55.93%                | 10.17% | 49.44%                               |
| Padmamari  | 0.00%                    | 100.00%  | 0.00%          | 0.00%      | 45.00%                          | 0.00%                     | 0.00%                         | 12.50%      | 12.50%              | 75.00%                | 0.00%  | 30.00%                               |
| Sonarhat   | 0.00%                    | 58.82%   | 0.00%          | 0.00%      | 35.29%                          | 0.00%                     | 0.00%                         | 18.18%      | 9.09%               | 27.27%                | 0.00%  | 23.53%                               |
| Elejanerkuthi                                      | 0.00%                    | 66.67%   | 0.00%          | 0.00%      | 20.83%                          | 4.17%                     | 0.00%                         | 4.17%       | 0.00%               | 0.00%                 | 58.33% | 41.67%                               |
| Gosainganj   | 12.50%                   | 29.17%   | 0.00%          | 0.00%      | 37.50%                          | 20.83%                    | 4.17%                         | 0.00%       | 12.50%              | 0.00%                 | 4.17%  | 37.50%                               |
| Sitalabas  | 17.39%                   | 17.39%   | 0.00%          | 0.00%      | 29.17%                          | 4.55%                     | 0.00%                         | 4.55%       | 0.00%               | 4.55%                 | 22.73% | 34.78%                               |
| Natuarpar  | 12.50%                   | 45.83%   | 0.00%          | 0.00%      | 37.50%                          | 13.64%                    | 4.55%                         | 0.00%       | 4.55%               | 18.18%                | 13.64% | 45.45%                               |
| Garubhasa  | 4.17%                    | 87.50%   | 0.00%          | 0.00%      | 87.50%                          | 12.50%                    | 0.00%                         | 4.17%       | 16.67%              | 41.67%                | 16.67% | 54.17%                               |
| Dodumari   | 29.17%                   | 41.67%   | 0.00%          | 0.00%      | 56.52%                          | 4.55%                     | 0.00%                         | 18.18%      | 4.55%               | 13.64%                | 27.27% | 66.67%                               |
| Malatiguri   | 25.00%                   | 37.50%   | 0.00%          | 0.00%      | 45.83%                          | 8.33%                     | 0.00%                         | 0.00%       | 0.00%               | 4.17%                 | 50.00% | 37.50%                               |
| Dharmabarar Kuthi                                  | 4.17%                    | 29.17%   | 0.00%          | 0.00%      | 8.33%                           | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 8.33%                 | 25.00% | 8.33%                                |
| Baisguri Khanda                                    | 40.00%                   | 32.00%   | 0.00%          | 0.00%      | 56.00%                          | 4.00%                     | 0.00%                         | 0.00%       | 32.00%              | 12.00%                | 24.00% | 48.00%                               |
| Daksin Kharija Gitaldaha                           | 70.83%                   | 0.00%    | 0.00%          | 0.00%      | 20.83%                          | 0.00%                     | 4.55%                         | 0.00%       | 0.00%               | 9.09%                 | 54.55% | 16.67%                               |
| Chhat Khochabari Dwitiyo Khanda                    | 4.17%                    | 45.83%   | 0.00%          | 0.00%      | 29.17%                          | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 4.35%                 | 43.48% | 13.04%                               |

**B3b. Source of drinking water**

**Source of Drinking Water and Sanitation  
SC & ST(continued)**

| Villages                    | Source of drinking water |              |                   |                | In home<br>toilet<br>Facilities | Type of toilet facilities |                              |                |                           |                             |        | Washing<br>hands after<br>defecation |
|-----------------------------|--------------------------|--------------|-------------------|----------------|---------------------------------|---------------------------|------------------------------|----------------|---------------------------|-----------------------------|--------|--------------------------------------|
|                             | Tap                      | Handpu<br>mp | Protected<br>well | Pond/rive<br>r |                                 | Septic<br>tank<br>latrine | in the<br>dwelling,<br>water | Pit<br>latrine | Covered<br>dry<br>latrine | Dug well<br>water<br>sealed | Others |                                      |
| Gaochulca                   | 12.50%                   | 54.17%       | 0.00%             | 0.00%          | 37.50%                          | 4.17%                     | 0.00%                        | 20.83%         | 0.00%                     | 4.17%                       | 37.50% | 41.67%                               |
| Purbba Hudumdanga           | 8.33%                    | 16.67%       | 33.33%            | 0.00%          | 20.83%                          | 0.00%                     | 8.70%                        | 0.00%          | 0.00%                     | 8.70%                       | 39.13% | 54.17%                               |
| Madhya Chhat Gopalpur       | 0.00%                    | 84.00%       | 12.00%            | 4.00%          | 32.00%                          | 0.00%                     | 0.00%                        | 12.50%         | 0.00%                     | 12.50%                      | 75.00% | 52.00%                               |
| Chhat Khagribari            | 0.00%                    | 48.00%       | 52.00%            | 0.00%          | 16.00%                          | 0.00%                     | 0.00%                        | 0.00%          | 4.00%                     | 8.00%                       | 88.00% | 16.00%                               |
| Chhota Chhat Dhan<br>Dhania | 0.00%                    | 45.83%       | 50.00%            | 0.00%          | 0.00%                           | 0.00%                     | 0.00%                        | 0.00%          | 0.00%                     | 0.00%                       | 95.83% | 0.00%                                |
| Indrerkuthi                 | 83.33%                   | 12.50%       | 0.00%             | 0.00%          | 37.50%                          | 0.00%                     | 0.00%                        | 0.00%          | 8.33%                     | 0.00%                       | 87.50% | 56.52%                               |
| Kharija Ratanpur            | 87.50%                   | 4.17%        | 4.17%             | 0.00%          | 33.33%                          | 8.33%                     | 4.17%                        | 0.00%          | 4.17%                     | 8.33%                       | 70.83% | 87.50%                               |
| Chandamari                  | 0.00%                    | 70.83%       | 0.00%             | 0.00%          | 41.67%                          | 0.00%                     | 0.00%                        | 0.00%          | 0.00%                     | 0.00%                       | 70.83% | 25.00%                               |
| Kurshamari                  | 0.00%                    | 50.00%       | 4.17%             | 0.00%          | 20.83%                          | 0.00%                     | 0.00%                        | 12.50%         | 0.00%                     | 4.17%                       | 37.50% | 20.83%                               |
| Nagar Gopalganj             | 25.00%                   | 0.00%        | 0.00%             | 0.00%          | 12.50%                          | 0.00%                     | 0.00%                        | 0.00%          | 4.35%                     | 4.35%                       | 17.39% | 20.83%                               |
| Patakamari                  | 13.04%                   | 0.00%        | 0.00%             | 0.00%          | 13.04%                          | 4.35%                     | 0.00%                        | 0.00%          | 0.00%                     | 0.00%                       | 8.70%  | 13.04%                               |
| Fulkadabri Bajejama         | 0.00%                    | 66.67%       | 0.00%             | 0.00%          | 29.17%                          | 12.50%                    | 0.00%                        | 0.00%          | 0.00%                     | 0.00%                       | 87.50% | 20.83%                               |
| Bara Nijtaraf               | 0.00%                    | 37.50%       | 58.33%            | 0.00%          | 12.50%                          | 4.17%                     | 0.00%                        | 0.00%          | 0.00%                     | 8.33%                       | 83.33% | 25.00%                               |
| Fulkadabri                  | 0.00%                    | 45.83%       | 0.00%             | 0.00%          | 29.17%                          | 25.00%                    | 0.00%                        | 0.00%          | 0.00%                     | 0.00%                       | 75.00% | 25.00%                               |
| Paschim Gopalpur            | 83.33%                   | 0.00%        | 0.00%             | 0.00%          | 33.33%                          | 4.17%                     | 4.17%                        | 8.33%          | 0.00%                     | 0.00%                       | 66.67% | 29.17%                               |
| Satgharia                   | 8.33%                    | 16.67%       | 20.83%            | 0.00%          | 8.33%                           | 8.70%                     | 0.00%                        | 0.00%          | 0.00%                     | 0.00%                       | 39.13% | 33.33%                               |
| Shatimari                   | 0.00%                    | 95.83%       | 0.00%             | 0.00%          | 41.67%                          | 25.00%                    | 0.00%                        | 4.17%          | 0.00%                     | 0.00%                       | 66.67% | 58.33%                               |
| Gangadhar                   | 0.00%                    | 75.00%       | 0.00%             | 0.00%          | 33.33%                          | 29.17%                    | 0.00%                        | 0.00%          | 4.17%                     | 0.00%                       | 41.67% | 62.50%                               |
| Fulbari                     | 0.00%                    | 16.67%       | 4.17%             | 0.00%          | 4.17%                           | 0.00%                     | 0.00%                        | 0.00%          | 0.00%                     | 4.17%                       | 16.67% | 0.00%                                |
| Chikliguri Dwitia Khanda    | 33.33%                   | 12.50%       | 0.00%             | 0.00%          | 33.33%                          | 12.50%                    | 0.00%                        | 6.25%          | 25.00%                    | 0.00%                       | 6.25%  | 30.43%                               |
| Velakopa Pratham<br>Khanda  | 20.00%                   | 28.00%       | 0.00%             | 0.00%          | 20.00%                          | 0.00%                     | 0.00%                        | 4.00%          | 0.00%                     | 4.00%                       | 40.00% | 31.82%                               |
| Bashraja Dwitia Khanda      | 36.36%                   | 45.45%       | 0.00%             | 0.00%          | 33.33%                          | 18.18%                    | 0.00%                        | 0.00%          | 9.09%                     | 9.09%                       | 36.36% | 70.83%                               |
| Chhat Balakuthi             | 4.17%                    | 50.00%       | 0.00%             | 0.00%          | 50.00%                          | 4.55%                     | 0.00%                        | 4.55%          | 0.00%                     | 27.27%                      | 22.73% | 29.17%                               |
| Bakla                       | 8.33%                    | 50.00%       | 0.00%             | 0.00%          | 54.17%                          | 4.17%                     | 0.00%                        | 45.83%         | 4.17%                     | 0.00%                       | 4.17%  | 41.67%                               |
| Shilghagri                  | 20.83%                   | 8.33%        | 4.17%             | 0.00%          | 25.00%                          | 0.00%                     | 0.00%                        | 4.17%          | 4.17%                     | 16.67%                      | 8.33%  | 8.33%                                |

a

**B3c. Ranking of Source of drinking water**

| Villages                        | Source of Drinking Water and Sanitation SC & ST |      |           |      |
|---------------------------------|---|------|-----------|------|
|                                 | SDWSINDX  | Rank | WSDWSINDX | Rank |
| Boragari                        | 9.03  | 44   | 11.87     | 45   |
| Borakhata                       | 4.47  | 48   | 4.91      | 49   |
| Hollanger Kuthi                 | 20.85   | 14   | 33.19     | 9    |
| Kachuban                        | 19.82   | 18   | 31.94     | 10   |
| Karibharal                      | 28.47   | 2    | 39.87     | 2    |
| Kharija Kakribari               | 23.95   | 6    | 35.88     | 5    |
| Kokoabari                       | 12.39   | 39   | 18.18     | 34   |
| Petbhata Chandanchowra          | 21.96   | 11   | 33.34     | 8    |
| Siddheswari                     | 19.95   | 17   | 29.70     | 13   |
| Uttar Gayargari                 | 18.64   | 22   | 27.23     | 16   |
| Barabangla                      | 28.92   | 1    | 47.69     | 1    |
| Kajalikura                      | 23.78   | 8    | 33.79     | 6    |
| Padmamari                       | 22.92   | 10   | 27.62     | 15   |
| Sonarhat                        | 14.35   | 35   | 16.67     | 37   |
| Elejanerkuthi                   | 16.32   | 29   | 17.44     | 36   |
| Gosainganj                      | 13.19   | 37   | 17.72     | 35   |
| Sitalabas                       | 11.26   | 43   | 16.52     | 38   |
| Natuarpar                       | 16.32   | 29   | 21.86     | 25   |
| Garubhasa                       | 27.08   | 3    | 38.19     | 4    |
| Dodumari                        | 21.85   | 12   | 30.99     | 11   |
| Malatiguri                      | 17.36   | 26   | 23.87     | 20   |
| Dharmabarar Kuthi               | 6.94  | 47   | 7.32      | 47   |
| Baisguri Khanda                 | 20.67   | 15   | 30.79     | 12   |
| Daksin Kharija Gitaldaha        | 14.71   | 34   | 19.93     | 30   |
| Chhat Khochabari Dwitiyo Khanda | 11.67   | 41   | 13.73     | 42   |

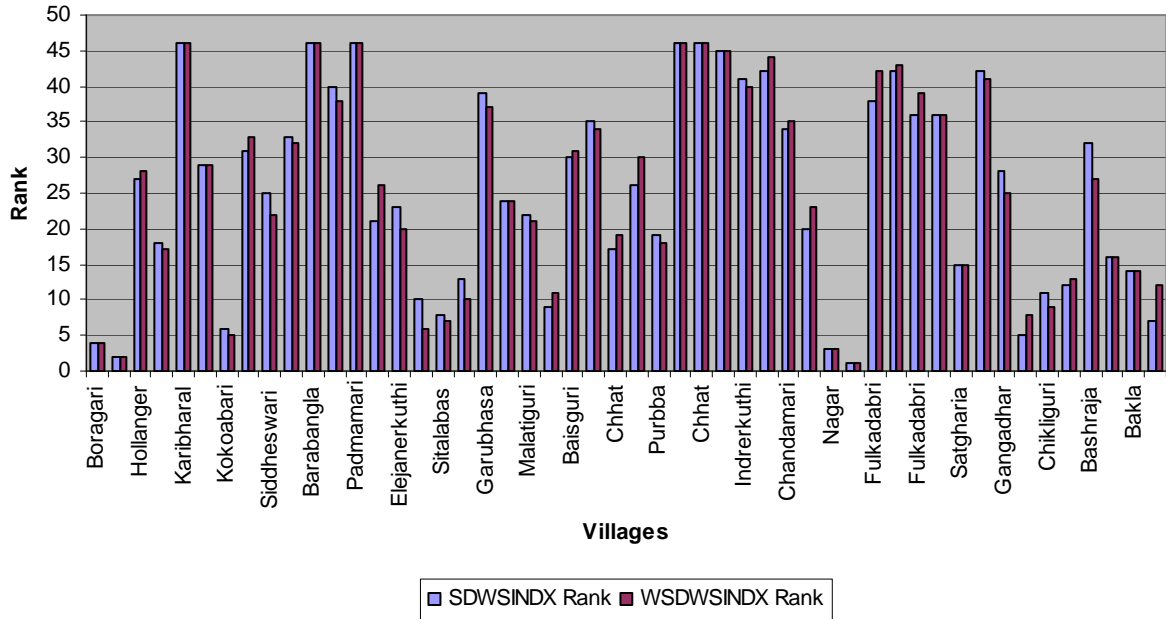
### B3d. Ranking of Source of drinking water

| Villages                      | Source of Drinking Water and Sanitation<br>SC & ST(continued) |      |            |      |
|-------------------------------|---|------|------------|------|
|                               | SDWSINDEX   | Rank | WSDWSINDEX | Rank |
| Gaochulca                     | 17.71   | 24   | 20.52      | 27   |
| Purbba<br>Hudumdanga          | 15.82   | 33   | 23.29      | 21   |
| Madhya Chhat<br>Gopalpur      | 23.67   | 9    | 26.29      | 17   |
| Chhat<br>Khagribari           | 19.33   | 19   | 21.85      | 26   |
| Chhota Chhat<br>Dhan Dhan     | 15.97   | 32   | 14.70      | 40   |
| Indrekuthi                    | 23.81   | 7    | 33.70      | 7    |
| Kharija<br>Ratanpur           | 26.04   | 4    | 38.44      | 3    |
| Chandamari                    | 17.36   | 26   | 20.13      | 29   |
| Kurshamari                    | 12.50   | 38   | 12.79      | 43   |
| Nagar<br>Gopalganj            | 7.04  | 46   | 11.01      | 46   |
| Patakamari                    | 4.35  | 49   | 6.97       | 48   |
| Fulkadabri<br>Bajejama        | 18.06   | 23   | 18.79      | 31   |
| Bara Nijtaraf                 | 19.10   | 20   | 22.56      | 23   |
| Fulkadabri                    | 16.67   | 28   | 18.56      | 32   |
| Paschim<br>Gopalpur           | 19.10   | 21   | 25.56      | 19   |
| Satgharia                     | 11.28   | 42   | 14.33      | 41   |
| Shatimari                     | 24.31   | 5    | 26.05      | 18   |
| Gangadhar                     | 20.49   | 16   | 23.02      | 22   |
| Fulbari                       | 3.82  | 50   | 3.63       | 50   |
| Chikliguri<br>Dwitia Khanda   | 13.30   | 36   | 18.38      | 33   |
| Velakopa<br>Pratham<br>Khanda | 12.32   | 40   | 15.83      | 39   |
| Bashraja<br>Dwitia Khanda     | 21.56   | 13   | 28.41      | 14   |
| Chhat<br>Balakuthi            | 16.04   | 31   | 22.47      | 24   |
| Bakla                         | 17.71   | 24   | 20.18      | 28   |
| Shilghagri                    | 8.33  | 45   | 12.62      | 44   |

Note:

- 1) SDWSINDEX = unweighted index and WSDWSINDEX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.
- 3) The rank correlation between the 2 indices is 0.946638 and the simple correlation between them is 0.942033.

Fig 8. Ranking by Source of Drinking Water( Others)





### A3a. Source of drinking water

| Source of Drinking Water and Sanitation-OTHERS |                          |          |                |            |                           |                           |                               |             |                     |                       |        |                                |
|--|--------------------------|----------|----------------|------------|---------------------------|---------------------------|-------------------------------|-------------|---------------------|-----------------------|--------|--------------------------------|
| Villages                                       | Source of drinking water |          |                |            | In home toilet Facilities | Type of toilet facilities |                               |             |                     |                       |        | Washing hands after defecation |
|  | Tap                      | Handpump | Protected well | Pond/river | Yes                       | Septic tank latrine       | in the dwelling, water sealed | Pit latrine | Covered dry latrine | Dug well water sealed | Others |                                |
| Boragari                                       | 21.88%                   | 40.63%   | 6.25%          | 0.00%      | 56.25%                    | 40.00%                    | 0.00%                         | 0.00%       | 6.67%               | 0.00%                 | 20.00% | 50.00%                         |
| Borakhata                                      | 20.00%                   | 60.00%   | 0.00%          | 0.00%      | 76.00%                    | 50.00%                    | 0.00%                         | 0.00%       | 4.55%               | 0.00%                 | 31.82% | 52.00%                         |
| Hollanger Kuthi                                | 21.21%                   | 9.09%    | 0.00%          | 0.00%      | 13.64%                    | 2.13%                     | 0.00%                         | 0.00%       | 0.00%               | 19.15%                | 4.26%  | 22.73%                         |
| Kachuban                                       | 20.93%                   | 11.63%   | 0.00%          | 0.00%      | 32.56%                    | 2.78%                     | 5.56%                         | 0.00%       | 8.33%               | 22.22%                | 0.00%  | 30.23%                         |
| Karibharal                                     | 0.00%                    | 0.00%    | 0.00%          | 0.00%      | 0.00%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 0.00%                          |
| Kharija Kakribari                              | 6.59%                    | 14.29%   | 0.00%          | 0.00%      | 19.78%                    | 3.75%                     | 1.25%                         | 0.00%       | 3.75%               | 12.50%                | 1.25%  | 20.88%                         |
| Kokoabari                                      | 0.00%                    | 58.82%   | 0.00%          | 0.00%      | 52.94%                    | 14.29%                    | 0.00%                         | 0.00%       | 0.00%               | 28.57%                | 14.29% | 47.06%                         |
| Petbhata Chandanchowra                         | 19.05%                   | 4.76%    | 0.00%          | 0.00%      | 12.70%                    | 0.00%                     | 0.00%                         | 0.00%       | 2.78%               | 19.44%                | 0.00%  | 20.63%                         |
| Siddheswari                                    | 18.51%                   | 11.69%   | 0.32%          | 0.00%      | 26.62%                    | 7.52%                     | 0.00%                         | 0.00%       | 3.01%               | 3.76%                 | 16.54% | 19.21%                         |
| Uttar Gayargari                                | 33.33%                   | 0.00%    | 0.00%          | 0.00%      | 9.09%                     | 18.75%                    | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 12.12%                         |
| Barabangla                                     | 0.00%                    | 0.00%    | 0.00%          | 0.00%      | 0.00%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 0.00%                          |
| Kajalikura                                     | 12.36%                   | 1.12%    | 0.00%          | 0.00%      | 4.49%                     | 5.08%                     | 0.00%                         | 0.00%       | 0.00%               | 1.69%                 | 0.00%  | 5.62%                          |
| Padmamari                                      | 0.00%                    | 0.00%    | 0.00%          | 0.00%      | 0.00%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 0.00%                          |
| Sonarhat                                       | 5.88%                    | 35.29%   | 0.00%          | 0.00%      | 23.53%                    | 0.00%                     | 9.09%                         | 9.09%       | 9.09%               | 18.18%                | 0.00%  | 17.65%                         |
| Elejanerkuthi                                  | 0.00%                    | 33.33%   | 0.00%          | 0.00%      | 20.83%                    | 4.17%                     | 0.00%                         | 4.17%       | 0.00%               | 8.33%                 | 16.67% | 29.17%                         |
| Gosainganj                                     | 25.00%                   | 33.33%   | 0.00%          | 0.00%      | 41.67%                    | 20.83%                    | 0.00%                         | 0.00%       | 4.17%               | 4.17%                 | 29.17% | 41.67%                         |
| Sitalabas                                      | 21.74%                   | 39.13%   | 4.35%          | 0.00%      | 29.17%                    | 9.09%                     | 0.00%                         | 4.55%       | 0.00%               | 0.00%                 | 50.00% | 47.83%                         |
| Natuarpar                                      | 20.83%                   | 20.83%   | 0.00%          | 0.00%      | 37.50%                    | 18.18%                    | 0.00%                         | 0.00%       | 0.00%               | 18.18%                | 9.09%  | 45.45%                         |
| Garubhasa                                      | 0.00%                    | 8.33%    | 0.00%          | 0.00%      | 8.33%                     | 4.17%                     | 0.00%                         | 0.00%       | 0.00%               | 4.17%                 | 0.00%  | 8.33%                          |
| Dodumari                                       | 4.17%                    | 25.00%   | 0.00%          | 0.00%      | 26.09%                    | 0.00%                     | 0.00%                         | 18.18%      | 0.00%               | 4.55%                 | 9.09%  | 25.00%                         |
| Malatiguri                                     | 20.83%                   | 16.67%   | 0.00%          | 0.00%      | 16.67%                    | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 8.33%                 | 29.17% | 25.00%                         |
| Dharmabarar Kuthi                              | 20.83%                   | 45.83%   | 0.00%          | 0.00%      | 41.67%                    | 4.17%                     | 0.00%                         | 0.00%       | 12.50%              | 29.17%                | 20.83% | 29.17%                         |
| Baisguri Khanda                                | 28.00%                   | 0.00%    | 0.00%          | 0.00%      | 12.00%                    | 0.00%                     | 4.00%                         | 0.00%       | 0.00%               | 0.00%                 | 24.00% | 12.00%                         |
| Daksin Kharija Gitaldaha                       | 29.17%                   | 0.00%    | 0.00%          | 0.00%      | 4.17%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 31.82% | 4.17%                          |
| Chhat KhochabarDwitiya Khanda                  | 0.00%                    | 50.00%   | 0.00%          | 0.00%      | 25.00%                    | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 17.39%                | 34.78% | 17.39%                         |

### A3b. Source of drinking water

| Source of Drinking Water and Sanitation- continued-OTHERS |                          |          |                |            |                           |                           |                               |             |                     |                       |        |                                |
|---|--------------------------|----------|----------------|------------|---------------------------|---------------------------|-------------------------------|-------------|---------------------|-----------------------|--------|--------------------------------|
| Villages  | Source of drinking water |          |                |            | In home toilet Facilities | Type of toilet facilities |                               |             |                     |                       |        | Washing hands after defecation |
|   | Tap                      | Handpump | Protected well | Pond/river | Yes                       | Septic tank latrine       | in the dwelling, water sealed | Pit latrine | Covered dry latrine | Dug well water sealed | Others |                                |
| Gaochulca   | 0.00%                    | 33.33%   | 0.00%          | 0.00%      | 16.67%                    | 0.00%                     | 0.00%                         | 12.50%      | 0.00%               | 4.17%                 | 16.67% | 12.50%                         |
| Purbba Hudumdanga   | 12.50%                   | 20.83%   | 8.33%          | 0.00%      | 8.33%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 8.70%                 | 34.78% | 37.50%                         |
| Madhya Chhat Gopalpur                                     | 0.00%                    | 0.00%    | 0.00%          | 0.00%      | 0.00%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 0.00%                          |
| Chhat Khagribari  | 0.00%                    | 0.00%    | 0.00%          | 0.00%      | 0.00%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 0.00%                          |
| Chhota Chhat Dhan Dhan                                    | 0.00%                    | 0.00%    | 4.17%          | 0.00%      | 4.17%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 4.17%                 | 0.00%  | 0.00%                          |
| Indrekuthi  | 4.17%                    | 0.00%    | 0.00%          | 0.00%      | 4.17%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 4.17%  | 4.35%                          |
| Kharija Ratanpur  | 0.00%                    | 0.00%    | 4.17%          | 0.00%      | 4.17%                     | 0.00%                     | 4.17%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 4.17%                          |
| Chandamari  | 0.00%                    | 29.17%   | 0.00%          | 0.00%      | 4.17%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 29.17% | 8.33%                          |
| Kurshamari  | 0.00%                    | 45.83%   | 0.00%          | 0.00%      | 25.00%                    | 0.00%                     | 4.17%                         | 4.17%       | 0.00%               | 4.17%                 | 33.33% | 12.50%                         |
| Nagar Gopalganj   | 75.00%                   | 0.00%    | 0.00%          | 0.00%      | 37.50%                    | 17.39%                    | 0.00%                         | 0.00%       | 13.04%              | 4.35%                 | 39.13% | 62.50%                         |
| Patakamari  | 86.96%                   | 0.00%    | 0.00%          | 0.00%      | 78.26%                    | 17.39%                    | 0.00%                         | 4.35%       | 0.00%               | 0.00%                 | 65.22% | 73.91%                         |
| Fulkadabri Bajejama                                       | 0.00%                    | 33.33%   | 0.00%          | 0.00%      | 0.00%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 |        | 0.00%                          |
| Bara Nijtaraf   | 0.00%                    | 4.17%    | 0.00%          | 0.00%      | 4.17%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 4.17%                 | 0.00%  | 4.17%                          |
| Fulkadabri  | 0.00%                    | 54.17%   | 0.00%          | 0.00%      | 0.00%                     | 0.00%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 0.00%                          |
| Paschim Gopalpur  | 16.67%                   | 0.00%    | 0.00%          | 0.00%      | 8.33%                     | 0.00%                     | 0.00%                         | 8.33%       | 0.00%               | 0.00%                 | 8.33%  | 12.50%                         |
| Satgharia   | 4.17%                    | 37.50%   | 12.50%         | 0.00%      | 25.00%                    | 17.39%                    | 0.00%                         | 0.00%       | 4.35%               | 0.00%                 | 30.43% | 29.17%                         |
| Shatimari   | 0.00%                    | 4.17%    | 0.00%          | 0.00%      | 4.17%                     | 4.17%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 0.00%  | 4.17%                          |
| Gangadhar   | 0.00%                    | 25.00%   | 0.00%          | 0.00%      | 20.83%                    | 16.67%                    | 0.00%                         | 0.00%       | 4.17%               | 0.00%                 | 4.17%  | 20.83%                         |
| Fulbari   | 0.00%                    | 79.17%   | 0.00%          | 0.00%      | 45.83%                    | 0.00%                     | 0.00%                         | 0.00%       | 8.33%               | 37.50%                | 33.33% | 33.33%                         |
| Chikliguri Dwitia Khanda                                  | 33.33%                   | 20.83%   | 0.00%          | 0.00%      | 29.17%                    | 18.75%                    | 0.00%                         | 6.25%       | 25.00%              | 0.00%                 | 0.00%  | 52.17%                         |
| Velakopa Pratham Khanda                                   | 4.00%                    | 48.00%   | 0.00%          | 0.00%      | 36.00%                    | 16.00%                    | 4.00%                         | 4.00%       | 12.00%              | 0.00%                 | 16.00% | 31.82%                         |
| BashrajaDwitia Khanda                                     | 9.09%                    | 9.09%    | 0.00%          | 0.00%      | 16.67%                    | 9.09%                     | 0.00%                         | 0.00%       | 0.00%               | 0.00%                 | 18.18% | 16.67%                         |
| Chhat Balakuthi   | 4.17%                    | 41.67%   | 0.00%          | 0.00%      | 41.67%                    | 0.00%                     | 0.00%                         | 0.00%       | 4.55%               | 31.82%                | 4.55%  | 29.17%                         |
| Bakla   | 0.00%                    | 41.67%   | 0.00%          | 0.00%      | 41.67%                    | 4.17%                     | 4.17%                         | 25.00%      | 4.17%               | 4.17%                 | 0.00%  | 37.50%                         |
| Shilhagri   | 37.50%                   | 25.00%   | 4.17%          | 0.00%      | 54.17%                    | 0.00%                     | 0.00%                         | 20.83%      | 0.00%               | 33.33%                | 12.50% | 25.00%                         |

**A3c. Ranking by source of drinking water**

| Villages                           | Source of Drinking Water<br>OTHERS |      |            |      |
|------------------------------------|------------------------------------|------|------------|------|
|                                    | SDWSINDEX                          | Rank | WSDWSINDEX | Rank |
| Boragari                           | 20.14                              | 4    | 38.19      | 4    |
| Borakhata                          | 24.53                              | 2    | 46.87      | 2    |
| Hollanger Kuthi                    | 7.68                               | 27   | 12.62      | 28   |
| Kachuban                           | 11.19                              | 18   | 19.25      | 17   |
| Karibharal                         | 0.00                               | 46   | 0.00       | 46   |
| Kharija Kakribari                  | 7.00                               | 29   | 12.48      | 29   |
| Kokoabari                          | 18.00                              | 6    | 31.92      | 5    |
| Petbhata<br>Chandanchowra          | 6.61                               | 31   | 10.82      | 33   |
| Siddheswari                        | 8.93                               | 25   | 16.66      | 22   |
| Uttar Gayargari                    | 6.11                               | 33   | 10.84      | 32   |
| Barabangla                         | 0.00                               | 46   | 0.00       | 46   |
| Kajalikura                         | 2.53                               | 40   | 4.43       | 38   |
| Padmamari                          | 0.00                               | 46   | 0.00       | 46   |
| Sonarhat                           | 10.65                              | 21   | 13.96      | 26   |
| Elejanerkuthi                      | 9.72                               | 23   | 16.87      | 20   |
| Gosainganj                         | 16.67                              | 10   | 31.00      | 6    |
| Sitalabas                          | 17.15                              | 8    | 30.17      | 7    |
| Natuarpar                          | 14.17                              | 13   | 27.03      | 10   |
| Garubhasa                          | 2.78                               | 39   | 5.17       | 37   |
| Dodumari                           | 9.34                               | 24   | 15.54      | 24   |
| Malatiguri                         | 9.72                               | 22   | 16.67      | 21   |
| Dharmabarer Kuthi                  | 17.01                              | 9    | 26.54      | 11   |
| Baisguri Khanda                    | 6.67                               | 30   | 11.22      | 31   |
| Daksin Kharija<br>Gitaldaha        | 5.78                               | 35   | 8.53       | 34   |
| Chhat Khochabari<br>Dwitiyo Khanda | 12.05                              | 17   | 17.88      | 19   |

**A3d. Ranking by source of drinking water**

| Villages          | Source of Drinking Water CONTINUED- OTHERS |      |            |      |
|-------------------|--|------|------------|------|
|                   | SDWSINDEX                                  | Rank | WSDWSINDEX | Rank |
| Gaochulca         | 7.99                                       | 26   | 11.33      | 30   |
| Purbba            |  |      |            |      |
| Hudumdanga        | 10.91                                      | 19   | 17.91      | 18   |
| Madhya Chhat      |  |      |            |      |
| Gopalpur          | 0.00                                       | 46   | 0.00       | 46   |
| Chhat Khagribari  | 0.00                                       | 46   | 0.00       | 46   |
| Chhota Chhat Dhan |  |      |            |      |
| Dhan              | 1.04                                       | 45   | 1.10       | 45   |
| Indrerkuthi       | 1.40                                       | 41   | 2.91       | 40   |
| Kharija Ratanpur  | 1.39                                       | 42   | 2.00       | 44   |
| Chandamari        | 5.90                                       | 34   | 8.36       | 35   |
| Kurshamari        | 10.76                                      | 20   | 15.98      | 23   |
| Nagar Gopalganj   | 20.74                                      | 3    | 39.07      | 3    |
| Patakamari        | 27.17                                      | 1    | 54.41      | 1    |
| Fulkadabri        |  |      |            |      |
| Bajejama          | 3.03                                       | 38   | 2.38       | 42   |
| Bara Nijtaraf     | 1.39                                       | 42   | 2.36       | 43   |
| Fulkadabri        | 4.51                                       | 36   | 3.87       | 39   |
| Paschim Gopalpur  | 4.51                                       | 36   | 7.63       | 36   |
| Satgharia         | 13.38                                      | 15   | 22.04      | 15   |
| Shatimari         | 1.39                                       | 42   | 2.81       | 41   |
| Gangadhar         | 7.64                                       | 28   | 14.57      | 25   |
| Fulbari           | 19.79                                      | 5    | 29.53      | 8    |
| Chikliguri Dwitia |  |      |            |      |
| Khanda            | 15.46                                      | 11   | 28.48      | 9    |
| Velakopa Pratham  |  |      |            |      |
| Khanda            | 14.32                                      | 12   | 24.63      | 13   |
| Bashraja Dwitia   |  |      |            |      |
| Khanda            | 6.57                                       | 32   | 12.68      | 27   |
| Chhat Balakuthi   | 13.13                                      | 16   | 21.64      | 16   |
| Bakla             | 13.54                                      | 14   | 22.78      | 14   |
| Shilghagri        | 17.71                                      | 7    | 26.53      | 12   |

Note: 1) SDWSINDEX = unweighted Index and WSDWSINDEX = weighted index

2) The villages are ranked in descending order by the respective index

3) The rank correlation between the two indices is 0.988529 and the simple correlation between them

is 0.98667822

#### **5.4 Children and Diseases (Tables B4a-B4d and B6a-B6b/ A4a-A4d and A6a-A6b)**

It is both an integral part of the research question as well as under substantial emphasis put by the UNICEF that the child health is a very important issue in the whole development debate. Consequently, the following tables describe the occurrence of two main diseases, namely respiratory infection within the last fortnight of the day when the survey was conducted, and diarrhoea within last one month span for children up to age of 5. On the basis of the responses, we find that the villages of Bara Nijtaraf and Shatimari are the worst places for the kids where the occurrences of these diseases are 56% and 50% (for respiratory troubles) and 13% and 30% (diarrhoea) respectively. Compared to this, the village of Borkhata has almost no report of these diseases within the last fortnight/month of the survey conducted. Additionally, we asked about access to medical facilities – whether taken to a hospital, stayed at home, treated by a private doctor, a quack and so on. It appears that visits to government hospitals has been about 50% for residents in the villages of Boargari, Barabangla etc. although treatment by quacks continue to be high in villages of Elejanerkuthi, Gorubhasa (66% and 50%, respectively). In view of policy propositions, the concerned authorities may consider some of these tables as sources of intervention to reduce the extent of social exclusion among a large mass of individuals in the district. In fact, Tables B6a-b also substantiates the overall health condition, where the occurrence of common diseases is pretty high in Shatimari and Barabangla also among the adults.

**B4a. Occurrence of diseases to children under 5 years of age**

**Occurrence and treatment of diseases (under 5 years age)**

**SC & ST**

| Villages                        | Acute Respiratory infection in last fortnight (0-5 years) | Place of treatment for respiratory diseases (under 5 years) Acute Respiratory infection in last fortnight (0-5 years) |                     |                |        | Occurrence of Diarrhea (under 5 years) in last 1 month | Use of ORT in case of Diarrhea |
|---------------------------------|---|---|---------------------|----------------|--------|--|--------------------------------|
|                                 |   | Stayed at home  | Government hospital | Private doctor | Quack  |  |                                |
| Boragari                        | 50.00%  | 0.00%   | 50.00%              | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Borakhata                       | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Hollanger Kuthi                 | 7.14%   | 100.00%   | 0.00%               | 0.00%          | 0.00%  | 14.29%   | 66.67%                         |
| Kachuban                        | 11.11%  | 0.00%   | 0.00%               | 100.00%        | 0.00%  | 11.11%   | 0.00%                          |
| Karibharal                      | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 16.67%   | 100.00%                        |
| Kharija Kakribari               | 21.43%  | 0.00%   | 0.00%               | 100.00%        | 0.00%  | 13.33%   | 50.00%                         |
| Kokoabari                       | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Petbhata Chandanchowra          | 14.29%  | 16.67%  | 0.00%               | 16.67%         | 16.67% | 15.00%   | 75.00%                         |
| Siddheswari                     | 16.67%  | 0.00%   | 40.00%              | 40.00%         | 0.00%  | 12.82%   | 57.14%                         |
| Uttar Gayargari                 | 26.67%  | 0.00%   | 20.00%              | 20.00%         | 40.00% | 26.67%   | 66.67%                         |
| Barabangla                      | 20.00%  | 50.00%  | 50.00%              | 0.00%          | 0.00%  | 20.00%   | 100.00%                        |
| Kajalikura                      | 26.47%  | 5.00%   | 10.00%              | 40.00%         | 35.00% | 28.13%   | 80.00%                         |
| Padmamari                       | 25.00%  | 0.00%   | 0.00%               | 100.00%        | 0.00%  | 0.00%  | 0.00%                          |
| Sonarhat                        | 20.00%  | 0.00%   | 50.00%              | 0.00%          | 0.00%  | 16.67%   | 50.00%                         |
| Elejanerkuthi                   | 13.04%  | 0.00%   | 0.00%               | 33.33%         | 66.67% | 17.39%   | 28.57%                         |
| Gosainganj                      | 13.64%  | 0.00%   | 22.22%              | 22.22%         | 0.00%  | 4.76%  | 33.33%                         |
| Sitalabas                       | 8.70%   | 0.00%   | 33.33%              | 33.33%         | 0.00%  | 0.00%  | 0.00%                          |
| Natuarpar                       | 10.53%  | 0.00%   | 0.00%               | 33.33%         | 33.33% | 10.53%   | 66.67%                         |
| Garubhasa                       | 36.84%  | 0.00%   | 0.00%               | 50.00%         | 50.00% | 11.11%   | 50.00%                         |
| Dodumari                        | 33.33%  | 0.00%   | 7.14%               | 28.57%         | 35.71% | 6.67%  | 33.33%                         |
| Malatiguri                      | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 8.33%  | 0.00%                          |
| Dharmabarar Kuthi               | 5.26%   | 0.00%   | 0.00%               | 0.00%          | 20.00% | 5.56%  | 33.33%                         |
| Baisguri Khanda                 | 35.00%  | 0.00%   | 12.50%              | 37.50%         | 37.50% | 15.00%   | 100.00%                        |
| Daksin Kharija Gitaldaha        | 14.29%  | 0.00%   | 0.00%               | 66.67%         | 33.33% | 5.00%  | 100.00%                        |
| Chhat Khochabari Dwitiyo Khanda | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |

**B4b. Occurrence of diseases to children under 5 years of age**

| Occurrence and treatment of diseases (under 5 years age) |   |   |                     |                |        |  |                                |
|--|---|---|---------------------|----------------|--------|--|--------------------------------|
| SC & ST(continued)                                       |   |   |                     |                |        |  |                                |
| Villages   | Acute Respiratory infection in last fortnight (0-5 years) | Place of treatment for respiratory diseases (under 5 years) Acute Respiratory infection in last fortnight (0-5 years) |                     |                |        | Occurrence of Diarrhea (under 5 years) in last 1 month | Use of ORT in case of Diarrhea |
|  |   | Stayed at home  | Government hospital | Private doctor | Quack  |  |                                |
| Gaochulca  | 16.67%  | 0.00%   | 25.00%              | 25.00%         | 25.00% | 16.67%   | 75.00%                         |
| Purbba<br>Hudumdanga                                     | 4.76%   | 0.00%   | 0.00%               | 25.00%         | 0.00%  | 4.55%  | 100.00%                        |
| Madhya Chhat<br>Gopalpur                                 | 5.26%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 23.53%   | 100.00%                        |
| Chhat Khagribari   | 27.78%  | 0.00%   | 0.00%               | 50.00%         | 50.00% | 5.26%  | 0.00%                          |
| Chhota Chhat<br>Dhan Dhan                                | 0.00%   | 0.00%   | 0.00%               | 50.00%         | 50.00% | 5.26%  | 100.00%                        |
| Indrekuthi   | 39.13%  | 0.00%   | 66.67%              | 33.33%         | 0.00%  | 31.82%   | 71.43%                         |
| Kharija Ratanpur   | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 5.26%  | 25.00%                         |
| Chandamari   | 4.76%   | 0.00%   | 0.00%               | 50.00%         | 0.00%  | 4.76%  | 25.00%                         |
| Kurshamari   | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Nagar Gopalganj  | 23.08%  | 0.00%   | 25.00%              | 0.00%          | 12.50% | 7.69%  | 25.00%                         |
| Patakamari   | 5.56%   | 0.00%   | 16.67%              | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Fulkadabri<br>Bajejama                                   | 9.52%   | 0.00%   | 100.00%             | 0.00%          | 0.00%  | 14.29%   | 66.67%                         |
| Bara Nijtaraf  | 56.25%  | 0.00%   | 88.89%              | 0.00%          | 11.11% | 12.50%   | 100.00%                        |
| Fulkadabri   | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 8.33%  | 100.00%                        |
| Paschim<br>Gopalpur                                      | 38.10%  | 0.00%   | 11.11%              | 22.22%         | 55.56% | 14.29%   | 66.67%                         |
| Satgharia  | 23.81%  | 0.00%   | 0.00%               | 22.22%         | 33.33% | 4.76%  | 20.00%                         |
| Shatimari  | 50.00%  | 0.00%   | 20.00%              | 60.00%         | 20.00% | 30.00%   | 100.00%                        |
| Gangadhar  | 18.18%  | 0.00%   | 0.00%               | 0.00%          | 57.14% | 22.73%   | 42.86%                         |
| Fulbari  | 12.50%  | 0.00%   | 0.00%               | 40.00%         | 0.00%  | 6.25%  | 50.00%                         |
| Chikliguri Dwitia<br>Khanda                              | 7.69%   | 16.67%  | 0.00%               | 0.00%          | 0.00%  | 7.69%  | 0.00%                          |
| Velakopa<br>Pratham Khanda                               | 16.67%  | 0.00%   | 0.00%               | 16.67%         | 33.33% | 11.76%   | 40.00%                         |
| Bashraja Dwitia<br>Khanda                                | 45.45%  | 0.00%   | 16.67%              | 16.67%         | 50.00% | 9.09%  | 100.00%                        |
| Chhat Balakuthi  | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Bakla  | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Shilghagri   | 7.69%   | 0.00%   | 0.00%               | 16.67%         | 0.00%  | 7.69%  | 50.00%                         |

**B4c. Ranking of occurrence of diseases for children under 5 years of age**

| Villages                                 | Disease for children under 5 years of age<br>SC & ST |      |         |      |
|--|--|------|---------|------|
|  | DUFINDX  | Rank | WDFINDX | Rank |
| Boragari                                 | 14.29  | 34   | 17.43   | 31   |
| Borakhata                                | 0.00   | 45   | 0.00    | 45   |
| Hollanger<br>Kuthi                       | 26.87  | 14   | 21.46   | 27   |
| Kachuban                                 | 17.46  | 28   | 8.43    | 39   |
| Karibharal                               | 16.67  | 30   | 27.99   | 16   |
| Kharija<br>Kakribari                     | 26.39  | 15   | 23.36   | 25   |
| Kokoabari                                | 0.00   | 45   | 0.00    | 45   |
| Petbhata<br>Chandanchowr<br>a            | 22.04  | 20   | 27.66   | 17   |
| Siddheswari                              | 23.80  | 17   | 25.88   | 21   |
| Uttar<br>Gayargari                       | 28.57  | 11   | 36.70   | 9    |
| Barabangla                               | 34.29  | 4    | 38.71   | 7    |
| Kajalikura                               | 32.09  | 7    | 39.18   | 6    |
| Padmamari                                | 17.86  | 27   | 8.88    | 38   |
| Sonarhat                                 | 19.52  | 23   | 26.08   | 20   |
| Elejanerkuthi                            | 22.72  | 18   | 23.21   | 26   |
| Gosainganj                               | 13.74  | 35   | 15.21   | 35   |
| Sitalabas                                | 10.77  | 39   | 6.14    | 41   |
| Natuarpar                                | 22.06  | 19   | 25.78   | 22   |
| Garubhasa                                | 28.28  | 12   | 31.08   | 15   |
| Dodumari                                 | 20.68  | 21   | 23.57   | 24   |
| Malatiguri                               | 1.19   | 44   | 2.33    | 44   |
| Dharmabarar<br>Kuthi                     | 9.16   | 40   | 12.93   | 36   |
| Baisguri<br>Khanda                       | 33.93  | 6    | 42.80   | 4    |
| Daksin Kharija<br>Gitaldaha              | 31.33  | 8    | 33.80   | 10   |
| Chhat<br>Khochabari<br>Dwitiyo<br>Khanda | 0.00   | 45   | 0.00    | 45   |



**B4d. Ranking of occurrence of diseases for children under 5 years of age**

| Villages          | Disease for children under 5 years of age<br>SC & ST(continued) |      |          |      |
|-------------------|---|------|----------|------|
|                   | DUFINDX   | Rank | WDUFINDX | Rank |
| Gaochulca         | 26.19   | 16   | 32.18    | 11   |
| Purbba            |   |      |          |      |
| Hudumdanga        | 19.19   | 24   | 26.44    | 19   |
| Madhya Chhat      |   |      |          |      |
| Gopalpur          | 18.40   | 26   | 31.26    | 13   |
| Chhat Khagribari  | 19.01   | 25   | 15.46    | 34   |
| Chhota Chhat Dhan |   |      |          |      |
| Dhania            | 29.32   | 10   | 31.68    | 12   |
| Indrerkuthi       | 34.63   | 3    | 42.58    | 5    |
| Kharija Ratanpur  | 4.32  | 42   | 7.30     | 40   |
| Chandamari        | 12.07   | 37   | 9.62     | 37   |
| Kurshamari        | 0.00  | 45   | 0.00     | 45   |
| Nagar Gopalganj   | 13.32   | 36   | 17.62    | 29   |
| Patakamari        | 3.17  | 43   | 2.96     | 43   |
| Fulkadabri        |   |      |          |      |
| Bajejama          | 27.21   | 13   | 31.24    | 14   |
| Bara Nijtaraf     | 38.39   | 2    | 50.71    | 1    |
| Fulkadabri        | 15.48   | 32   | 25.66    | 23   |
| Paschim Gopalpur  | 29.71   | 9    | 37.15    | 8    |
| Satgharia         | 14.88   | 33   | 16.40    | 32   |
| Shatimari         | 40.00   | 1    | 50.12    | 2    |
| Gangadhar         | 20.13   | 22   | 27.46    | 18   |
| Fulbari           | 15.54   | 31   | 17.60    | 30   |
| Chikliguri Dwitia |   |      |          |      |
| Khanda            | 4.58  | 41   | 4.14     | 42   |
| Velakopa Pratham  |   |      |          |      |
| Khanda            | 16.92   | 29   | 21.06    | 28   |
| Bashraja Dwitia   |   |      |          |      |
| Khanda            | 33.98   | 5    | 45.10    | 3    |
| Chhat Balakuthi   | 0.00  | 45   | 0.00     | 45   |
| Bakla             | 0.00  | 45   | 0.00     | 45   |
| Shilghagri        | 11.72   | 38   | 16.20    | 33   |

Note:

- 1) DUFINDX = unweighted index and WDUFINDX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.
- 3) The rank correlation between the 2 indices is 0.929464 and the simple correlation between them is 0.949427.

**B5a. Table and ranking of villages by use of iodized salt while cooking**

| <b>Use of Iodised Salt during cooking<br/>SC &amp; ST (in %)</b> |                |             |
|--|----------------|-------------|
| <b>Villages</b>  | <b>ISINDEX</b> | <b>Rank</b> |
| Boragari   | 6.25           | 47          |
| Borakhata  | 16.00          | 45          |
| Hollanger Kuthi  | 56.06          | 25          |
| Kachuban   | 51.16          | 27          |
| Karibharal   | 100.00         | 1           |
| Kharija Kakribari  | 68.13          | 19          |
| Kokoabari  | 35.29          | 35          |
| Petbhata Chandanchowra   | 66.67          | 20          |
| Siddheswari  | 53.25          | 26          |
| Uttar Gayargari  | 57.58          | 24          |
| Barabangla   | 85.29          | 12          |
| Kajalikura   | 79.55          | 14          |
| Padmamari  | 95.00          | 7           |
| Sonarhat   | 58.82          | 22          |
| Elejanerkuthi  | 20.83          | 39          |
| Gosainganj   | 37.50          | 33          |
| Sitalabas  | 37.50          | 33          |
| Natuarpar  | 33.33          | 36          |
| Garubhasa  | 91.67          | 10          |
| Dodumari   | 33.33          | 37          |
| Malatiguri   | 58.33          | 23          |
| Dharmabarar Kuthi  | 16.67          | 41          |
| Baisguri Khanda  | 72.00          | 17          |
| Daksin Kharija Gitaldaha   | 70.83          | 18          |
| Chhat Khochabari Dwitiyo   | 50.00          | 28          |

**B5b. Table and ranking of villages by use of iodized salt while cooking**

| <b>Use of Iodised Salt during cooking<br/>SC &amp; ST (in %) (continued)</b> |                |             |
|--|----------------|-------------|
| <b>Villages</b>  | <b>ISINDEX</b> | <b>Rank</b> |
| Gaochulca  | 62.50          | 21          |
| Purbba Hudumdanga  | 4.17           | 48          |
| Madhya Chhat Gopalpur  | 16.67          | 41          |
| Chhat Khagribari   | 92.00          | 8           |
| Chhota Chhat Dhan Dhanian  | 95.83          | 3           |
| Indrekuthi   | 91.67          | 9           |
| Kharija Ratanpur   | 95.83          | 3           |
| Chandamari   | 73.91          | 16          |
| Kurshamari   | 50.00          | 28          |
| Nagar Gopalganj  | 16.67          | 41          |
| Patakamari   | 8.70           | 46          |
| Fulkadabri Bajejama  | 95.83          | 3           |
| Bara Nijtaraf  | 95.83          | 3           |
| Fulkadabri   | 100.00         | 1           |
| Paschim Gopalpur   | 83.33          | 13          |
| Satgharia  | 45.83          | 31          |
| Shatimari  | 87.50          | 11          |
| Gangadhar  | 75.00          | 15          |
| Fulbari  | 20.83          | 39          |
| Chikliguri Dwitia Khanda   | 25.00          | 38          |
| Velakopa Pratham Khanda  | 40.00          | 32          |
| Bashraja Dwitia Khanda   | 50.00          | 28          |
| Chhat Balakuthi  | 4.17           | 48          |
| Bakla  | 16.67          | 41          |
| Shilghagri   | 0.00           | 50          |

Note:

- 1) ISINDEX = Index.
- 2) The villages are ranked in descending order by the respective index.

**B6a. Ranking of villages by occurrence of any common diseases in the last fortnight**

| <b>Occurrence of Common Diseases<br/>in the last fortnight<br/>SC &amp; ST (in %)</b> |                |             |
|---|----------------|-------------|
| <b>Villages</b>   | <b>CDINDEX</b> | <b>Rank</b> |
| Boragari  | 14.29          | 26          |
| Borakhata   | 12.00          | 31          |
| Hollanger Kuthi   | 37.50          | 3           |
| Kachuban  | 25.58          | 10          |
| Karibharal  | 72.73          | 1           |
| Kharija Kakribari   | 31.03          | 8           |
| Kokoabari   | 25.00          | 12          |
| Petbhata Chandanchowra  | 25.40          | 11          |
| Siddheswari   | 22.73          | 15          |
| Uttar Gayargari   | 9.38           | 33          |
| Barabangla  | 32.35          | 7           |
| Kajalikura  | 18.39          | 19          |
| Padmamari   | 47.37          | 2           |
| Sonarhat  | 0.00           | 49          |
| Elejanerkuthi   | 25.00          | 12          |
| Gosainganj  | 16.67          | 21          |
| Sitalabas   | 8.33           | 37          |
| Natuarpar   | 17.39          | 20          |
| Garubhasa   | 20.83          | 16          |
| Dodumari  | 16.67          | 21          |
| Malatiguri  | 8.33           | 37          |
| Dharmabarar Kuthi   | 12.50          | 27          |
| Baisguri Khanda   | 12.00          | 31          |
| Daksin Kharija Gitaldaha  | 8.33           | 37          |
| Chhat Khochabari Dwitiyo Kha  | 4.17           | 46          |

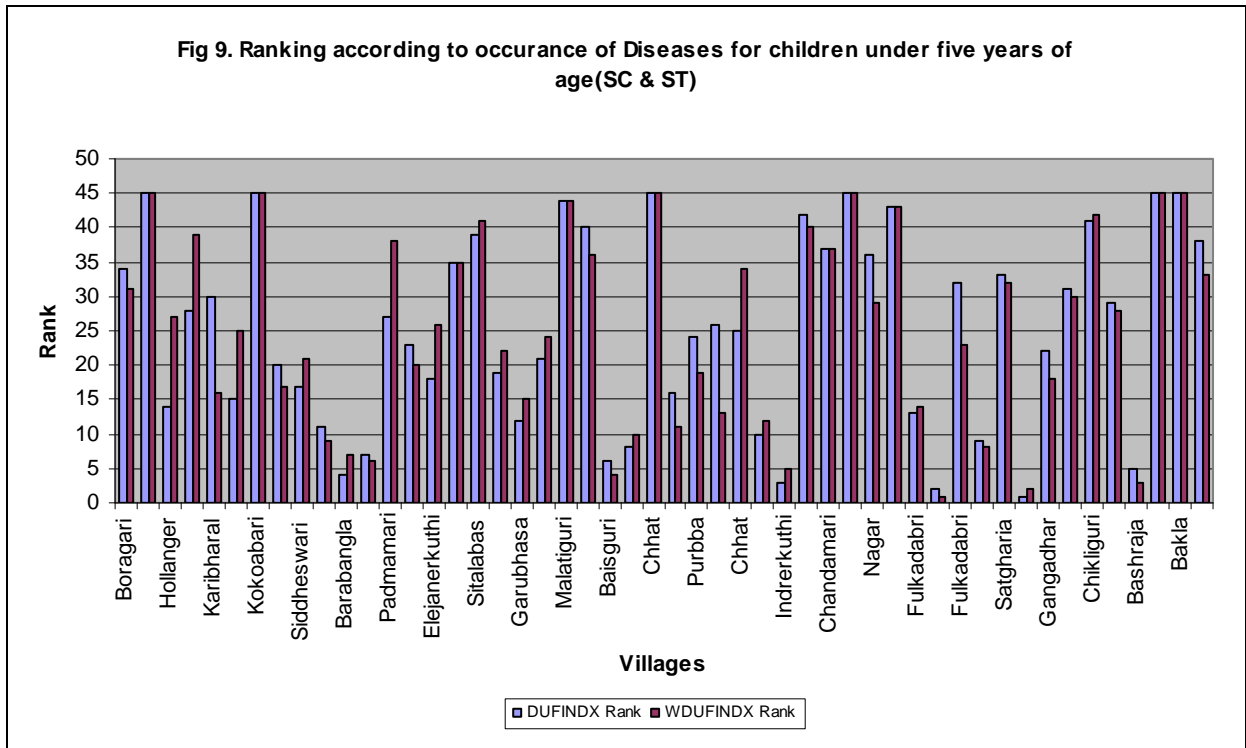
**B6b. Table and ranking of villages by occurrence of any common diseases in the last fortnight**

| <b>Occurrence of Common Diseases<br/>in the last fortnight<br/>SC &amp; ST (in %) (continued)</b> |                |             |
|---|----------------|-------------|
| <b>Villages</b>   | <b>CDINDEX</b> | <b>Rank</b> |
| Gaochulca   | 16.67          | 21          |
| Purbba Hudumdanga   | 8.70           | 34          |
| Madhya Chhat Gopalpur   | 36.00          | 5           |
| Chhat Khagribari  | 8.00           | 43          |
| Chhota Chhat Dhan Dhanian   | 16.67          | 21          |
| Indrerkuthi   | 16.67          | 21          |
| Kharija Ratanpur  | 4.17           | 46          |
| Chandamari  | 4.35           | 45          |
| Kurshamari  | 8.33           | 37          |
| Nagar Gopalganj   | 4.17           | 46          |
| Patakamari  | 8.70           | 34          |
| Fulkadabri Bajejama   | 12.50          | 27          |
| Bara Nijtaraf   | 20.83          | 16          |
| Fulkadabri  | 8.33           | 37          |
| Paschim Gopalpur  | 29.17          | 9           |
| Satgharia   | 25.00          | 12          |
| Shatimari   | 37.50          | 3           |
| Gangadhar   | 20.83          | 16          |
| Fulbari   | 0.00           | 49          |
| Chikliguri Dwitia Khanda  | 12.50          | 27          |
| Velakopa Pratham Khanda   | 8.00           | 43          |
| Bashraja Dwitia Khanda  | 8.70           | 34          |
| Chhat Balakuthi   | 33.33          | 6           |
| Bakla   | 12.50          | 27          |
| Shilghagri  | 8.33           | 37          |

Note:

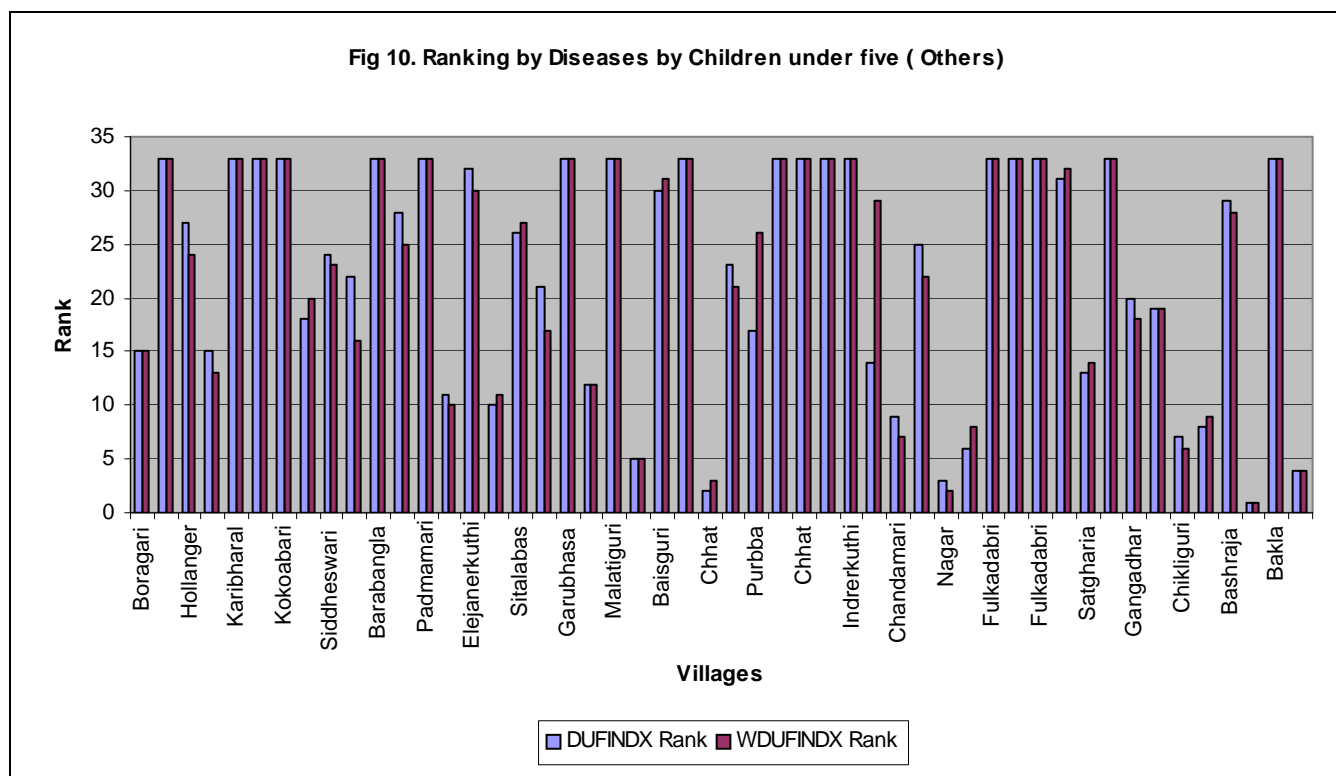
1) CDINDEX = Index.

2) The villages are ranked in descending order by the respective index.



For the non-SC/ST Category, the following are our observations. The village of Boragari reports high incidence of respiratory problems among infants and children up to the age of five years. It is followed by Nagar Gopalganj, which also reports 23% occurrence of diahorrea among infants during the last fortnight; followed by Chikliguri Dwitiya Khanda (31%, 24% repectively), Patakamari (22% reporting respiratory troble and 6% reporting diahorrea) etc. Interestingly all the children who suffered of Restipiratory Infection at Boragari, for example, were treated by private doctors. Compared to this, a number of villages, Borakhata, Karibharal, Kachuban to name a few, have almost no report of these diseases within the last fortnight/month of the survey (June 2010) conducted. Additionally, we asked about access to medical facilities – whether taken to a hospital, stayed at home, treated by a private doctor, a quack and so on. An interesting thing to observe is that in the village of Kharija Ratanpur apparently everyone (100%) visits the government hospital for treatment. This is followed by

Purba Hudumdanga where 75% of the people said they visit the government hospital. It appears that visits to government hospitals in the rest of the cases has been quite low, even as low as villages like Boragari, Borakhata where noone visits the government hospitals, although treatment by quacks continue to be high in villages of Chhat Balakuthi and Shilghagri at 50%. Occurrence of Diarrheain the children of same age group was nowhere above 25% during the last month. Use of ORT in case of Diarrhea was high in few villages such as Kochubon, Dodumari, Dharmabarar Kuthi, Chhat Khochabari Dwitiyo Khanda, hanmari, Nagar Gopal Gunj and Chhat Balakuthi. In view of policy propositions, the concerned authorities may consider some of these tables as sources of intervention to reduce the extent of social exclusion among a large mass of individuals in the district. In fact, Tables A6a-b also substantiates the overall health condition, where the occurrence of common diseases is pretty high in Boragari , Borakhata also among the adults.



**A4a. Occurrence and treatment of diseases for children under five years of age**

**Occurrence and treatment of diseases (under 5 years age)**

| Villages          | Acute Respiratory infection in last fortnight (0-5 years) | Place of treatment for respiratory diseases (under 5 years) Acute Respiratory infection in last fortnight (0-5 years) |                     |                |        | Occurrence of Diarrhea (under 5 years) in last 1 month | Use of ORT in case of Diarrhea |
|-------------------|---|---|---------------------|----------------|--------|--|--------------------------------|
|                   |   | Stayed at home  | Government hospital | Private doctor | Quack  |  |                                |
| Boragari          | 50.00%  | 0.00%   | 0.00%               | 50.00%         | 0.00%  | 0.00%  | 0.00%                          |
| Borakhata         | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Hollanger Kuthi   | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 7.14%  | 33.33%                         |
| Kachuban          | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 100.00%                        |
| Karibharal        | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Kharija Kakribari | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Kokoabari         | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Petbhata          |   |   |                     |                |        |  |                                |
| Chandanchowra     | 14.29%  | 16.67%  | 16.67%              | 16.67%         | 0.00%  | 5.00%  | 25.00%                         |
| Siddheswari       | 4.76%   | 0.00%   | 20.00%              | 0.00%          | 0.00%  | 5.13%  | 28.57%                         |
| Uttar Gayargari   | 6.67%   | 0.00%   | 0.00%               | 0.00%          | 20.00% | 13.33%   | 33.33%                         |
| Barabangla        | 0.00%   |   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Kajalikura        | 2.94%   | 0.00%   | 0.00%               | 0.00%          | 10.00% | 6.25%  | 20.00%                         |
| Padmamari         | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Sonarhat          | 20.00%  | 0.00%   | 0.00%               | 50.00%         | 0.00%  | 16.67%   | 50.00%                         |
| Elejanerkuthi     | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 13.04%   | 0.00%                          |
| Gosainganj        | 22.73%  | 0.00%   | 33.33%              | 11.11%         | 11.11% | 14.29%   | 50.00%                         |
| Sitalabas         | 4.35%   | 0.00%   | 0.00%               | 33.33%         | 0.00%  | 4.35%  | 0.00%                          |
| Natuarpar         | 5.26%   | 0.00%   | 0.00%               | 0.00%          | 33.33% | 5.26%  | 33.33%                         |
| Garubhasa         | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Dodumari          | 13.33%  | 0.00%   | 14.29%              | 0.00%          | 14.29% | 13.33%   | 66.67%                         |
| Malatiguri        | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Dharmabarer Kuthi | 15.79%  | 0.00%   | 20.00%              | 20.00%         | 40.00% | 11.11%   | 66.67%                         |
| Baisguri Khanda   | 5.00%   | 0.00%   | 0.00%               | 0.00%          | 12.50% | 0.00%  | 0.00%                          |
| Daksin Kharija    |   |   |                     |                |        |  |                                |
| Gitaldaha         | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Chhat             |   |   |                     |                |        |  |                                |
| KhochabariDwitiyo |   |   |                     |                |        |  |                                |
| Khanda            | 9.09%   | 0.00%   | 0.00%               | 100.00%        | 0.00%  | 10.00%   | 100.00%                        |



**A4b. Occurrence and treatment of diseases for children under five years of age**

**Occurrence and treatment of diseases CONTINUED (under 5 years age)**

| Villages                    | Acute Respiratory infection in last fortnight (0-5 years) | Place of treatment for respiratory diseases (under 5 years) Acute Respiratory infection in last fortnight (0-5 years) |                     |                |        | Occurrence of Diarrhea (under 5 years) in last 1 month | Use of ORT in case of Diarrhea |
|-----------------------------|---|---|---------------------|----------------|--------|--|--------------------------------|
|                             |   | Stayed at home  | Government hospital | Private doctor | Quack  |  |                                |
| Gaochulca                   | 5.56%   | 0.00%   | 0.00%               | 0.00%          | 25.00% | 5.56%  | 25.00%                         |
| Purbba<br>Hudumdanga        | 14.29%  | 0.00%   | 75.00%              | 0.00%          | 0.00%  | 9.09%  | 0.00%                          |
| Madhya Chhat<br>Gopalpur    | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Chhat Khagribari            | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Chhota Chhat<br>Dhan Dhan   | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Indrekuthi                  | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Kharija Ratanpur            | 5.26%   | 0.00%   | 100.00%             | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Chandamari                  | 4.76%   | 0.00%   | 0.00%               | 50.00%         | 0.00%  | 14.29%   | 75.00%                         |
| Kurshamari                  | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 4.55%  | 50.00%                         |
| Nagar Gopalganj             | 38.46%  | 0.00%   | 0.00%               | 37.50%         | 25.00% | 23.08%   | 75.00%                         |
| Patakamari                  | 22.22%  | 0.00%   | 16.67%              | 50.00%         | 16.67% | 5.88%  | 50.00%                         |
| Fulkadabri<br>Bajejama      | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Bara Nijtaraf               | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Fulkadabri                  | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Paschim<br>Gopalpur         | 4.76%   | 0.00%   | 11.11%              | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Satgharia                   | 19.05%  | 0.00%   | 44.44%              | 0.00%          | 0.00%  | 14.29%   | 40.00%                         |
| Shatimari                   | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Gangadhar                   | 13.64%  | 0.00%   | 0.00%               | 42.86%         | 0.00%  | 9.09%  | 14.29%                         |
| Fulbari                     | 18.75%  | 0.00%   | 0.00%               | 60.00%         | 0.00%  | 6.25%  | 0.00%                          |
| Chikliguri Dwitia<br>Khanda | 30.77%  | 0.00%   | 16.67%              | 33.33%         | 33.33% | 23.08%   | 20.00%                         |
| Velakopa<br>Pratham Khanda  | 22.22%  | 0.00%   | 33.33%              | 16.67%         | 0.00%  | 17.65%   | 60.00%                         |
| Bashraja Dwitia<br>Khanda   | 9.09%   | 0.00%   | 0.00%               | 0.00%          | 16.67% | 0.00%  | 0.00%                          |
| Chhat Balakuthi             | 20.00%  | 0.00%   | 50.00%              | 0.00%          | 50.00% | 20.00%   | 100.00%                        |
| Bakla                       | 0.00%   | 0.00%   | 0.00%               | 0.00%          | 0.00%  | 0.00%  | 0.00%                          |
| Shilghagri                  | 38.46%  | 16.67%  | 0.00%               | 16.67%         | 50.00% | 7.69%  | 50.00%                         |

**A4c. Ranking by diseases of children under five**

| Villages                           | Disease for children under 5 years of age<br>OTHERS |      |          |       |
|------------------------------------|---|------|----------|-------|
|                                    | DUFINDX   | Rank | WDUFINDX | Rank  |
| Boragari                           | 14.29   | 15   | 17.05    | 15.00 |
| Borakhata                          | 0.00  | 33   | 0.00     | 33.00 |
| Hollanger Kuthi                    | 5.78  | 27   | 8.49     | 24.00 |
| Kachuban                           | 14.29   | 15   | 20.17    | 13.00 |
| Karibharal                         | 0.00  | 33   | 0.00     | 33.00 |
| Kharija Kakribari                  | 0.00  | 33   | 0.00     | 33.00 |
| Kokoabari                          | 0.00  | 33   | 0.00     | 33.00 |
| Petbhata<br>Chandanchowra          | 13.47   | 18   | 12.33    | 20.00 |
| Siddheswari                        | 8.35  | 24   | 8.69     | 23.00 |
| Uttar Gayargari                    | 10.48   | 22   | 14.66    | 16.00 |
| Barabangla                         | 0.00  | 33   | 0.00     | 33.00 |
| Kajalikura                         | 5.60  | 28   | 7.81     | 25.00 |
| Padmamari                          | 0.00  | 33   | 0.00     | 33.00 |
| Sonarhat                           | 19.52   | 11   | 24.27    | 10.00 |
| Elejanerkuthi                      | 1.86  | 32   | 3.22     | 30.00 |
| Gosainganj                         | 20.37   | 10   | 22.75    | 11.00 |
| Sitalabas                          | 6.00  | 26   | 5.70     | 27.00 |
| Natuarpar                          | 11.03   | 21   | 14.41    | 17.00 |
| Garubhasa                          | 0.00  | 33   | 0.00     | 33.00 |
| Dodumari                           | 17.41   | 12   | 22.45    | 12.00 |
| Malatiguri                         | 0.00  | 33   | 0.00     | 33.00 |
| Dharmabarer Kuthi                  | 24.80   | 5    | 28.78    | 5.00  |
| Baisguri Khanda                    | 2.50  | 30   | 3.10     | 31.00 |
| Daksin Kharija<br>Gitaldaha        | 0.00  | 33   | 0.00     | 33.00 |
| Chhat Khochabari<br>Dwitiyo Khanda | 31.30   | 2    | 35.60    | 3.00  |

**A4d. Ranking by diseases of children under five**

| Villages                     | Disease for children under 5 years of age<br>- continued OTHERS |      |         |       |
|------------------------------|---|------|---------|-------|
|                              | DUFINDX   | Rank | WUFINDX | Rank  |
| Gaochulca                    | 8.73  | 23   | 11.58   | 21.00 |
| Purbba<br>Hudumdanga         | 14.05   | 17   | 7.64    | 26.00 |
| Madhya Chhat<br>Gopalpur     | 0.00  | 33   | 0.00    | 33.00 |
| Chhat Khagribari             | 0.00  | 33   | 0.00    | 33.00 |
| Chhota Chhat<br>Dhan Dhanian | 0.00  | 33   | 0.00    | 33.00 |
| Indrerkuthi                  | 0.00  | 33   | 0.00    | 33.00 |
| Kharija Ratanpur             | 15.04   | 14   | 3.99    | 29.00 |
| Chandamari                   | 20.58   | 9    | 25.18   | 7.00  |
| Kurshamari                   | 7.79  | 25   | 11.21   | 22.00 |
| Nagar Gopalganj              | 28.43   | 3    | 37.71   | 2.00  |
| Patakamari                   | 23.06   | 6    | 25.17   | 8.00  |
| Fulkadabri<br>Bajejama       | 0.00  | 33   | 0.00    | 33.00 |
| Bara Nijtaraf                | 0.00  | 33   | 0.00    | 33.00 |
| Fulkadabri                   | 0.00  | 33   | 0.00    | 33.00 |
| Paschim<br>Gopalpur          | 2.27  | 31   | 1.41    | 32.00 |
| Satgharia                    | 16.83   | 13   | 17.25   | 14.00 |
| Shatimari                    | 0.00  | 33   | 0.00    | 33.00 |
| Gangadhar                    | 11.41   | 20   | 12.95   | 18.00 |
| Fulbari                      | 12.14   | 19   | 12.41   | 19.00 |
| Chikliguri Dwitia<br>Khanda  | 22.45   | 7    | 26.13   | 6.00  |
| Velakopa<br>Pratham Khanda   | 21.41   | 8    | 24.36   | 9.00  |
| Bashraja Dwitia<br>Khanda    | 3.68  | 29   | 4.70    | 28.00 |
| Chhat Balakuthi              | 34.29   | 1    | 38.89   | 1.00  |
| Bakla                        | 0.00  | 33   | 0.00    | 33.00 |
| Shilghagri                   | 25.64   | 4    | 30.95   | 4.00  |

Note: 1) DUFINDX = unweighted Index and WUFINDX = weighted index

2) The villages are ranked in descending order by the respective index

3) The rank correlation between the two indices is 0.963809 and the simple correlation between them is 0.973952

**A5a. Table and ranking by use of iodized salt in cooking**

| Villages                        | Iodised Salt<br>OTHERS |      |
|---------------------------------|------------------------|------|
|                                 | ISINDEX                | Rank |
| Boragari                        | 43.75                  | 11   |
| Borakhata                       | 44                     | 10   |
| Hollanger Kuthi                 | 27.27273               | 23   |
| Kachuban                        | 30.23256               | 15   |
| Karibharal                      | 0                      | 42   |
| Kharija Kakribari               | 19.78022               | 30   |
| Kokoabari                       | 47.05882               | 8    |
| Petbhata Chandanchowra          | 22.22222               | 27   |
| Siddheswari                     | 22.07792               | 28   |
| Uttar Gayargari                 | 27.27273               | 23   |
| Barabangla                      | 0                      | 42   |
| Kajalikura                      | 11.36364               | 35   |
| Padmamari                       | 0                      | 42   |
| Sonarhat                        | 35.29412               | 14   |
| Elejanerkuthi                   | 20.83333               | 29   |
| Gosainganj                      | 54.16667               | 4    |
| Sitalabas                       | 62.5                   | 3    |
| Natuarpar                       | 29.16667               | 16   |
| Garubhasa                       | 8.333333               | 36   |
| Dodumari                        | 16.66667               | 31   |
| Malatiguri                      | 37.5                   | 12   |
| Dharmabarar Kuthi               | 37.5                   | 12   |
| Baisguri Khanda                 | 28                     | 22   |
| Daksin Kharija Gitaldaha        | 29.16667               | 16   |
| Chhat Khochabari Dwitiyo Khanda | 50                     | 7    |

**A5b. Table and ranking by use of iodized salt in cooking**

| Villages                 | Iodised Salt<br>OTHERS |      |
|--------------------------|------------------------|------|
|                          | ISINDEX                | Rank |
| Gaochulca                | 29.16667               | 16   |
| Purbba Hudumdanga        | 0                      | 42   |
| Madhya Chhat Gopalpur    | 0                      | 42   |
| Chhat Khagribari         | 0                      | 42   |
| Chhota Chhat Dhan Dhan   | 4.166667               | 37   |
| Indrekuthi               | 4.166667               | 37   |
| Kharija Ratanpur         | 4.166667               | 37   |
| Chandamari               | 26.08696               | 25   |
| Kurshamari               | 45.833333              | 9    |
| Nagar Gopalganj          | 29.16667               | 16   |
| Patakamari               | 82.6087                | 1    |
| Fulkadabri Bajejama      | 0                      | 42   |
| Bara Nijtaraf            | 4.166667               | 37   |
| Fulkadabri               | 0                      | 42   |
| Paschim Gopalpur         | 16.66667               | 31   |
| Satgharia                | 54.16667               | 4    |
| Shatimari                | 4.166667               | 37   |
| Gangadhar                | 25                     | 26   |
| Fulbari                  | 79.16667               | 2    |
| Chikliguri Dwitia Khanda | 29.16667               | 16   |
| Velakopa Pratham Khanda  | 52                     | 6    |
| Bashraja Dwitia Khanda   | 12.5                   | 33   |
| Chhat Balakuthi          | 29.16667               | 16   |
| Bakla                    | 12.5                   | 33   |
| Shilghagri               | 0                      | 42   |

Note: 1) ISINDEX= index.

2) The villages are ranked in descending order by the respective index.

**A6a. Table and ranking by occurrence of common diseases in last I fortnight**

| Villages                        | Common Diseases OTHERS |      |
|---------------------------------|------------------------|------|
|                                 | CDINDEX                | Rank |
| Boragari                        | 50                     | 1    |
| Borakhata                       | 40                     | 3    |
| Hollanger Kuthi                 | 12.5                   | 18   |
| Kachuban                        | 13.95349               | 16   |
| Karibharal                      | 0                      | 36   |
| Kharija Kakribari               | 11.49425               | 19   |
| Kokoabari                       | 18.75                  | 9    |
| Petbhata Chandanchowra          | 17.46032               | 11   |
| Siddheswari                     | 12.98701               | 17   |
| Uttar Gayargari                 | 6.25                   | 26   |
| Barabangla                      | 0                      | 36   |
| Kajalikura                      | 2.298851               | 35   |
| Padmamari                       | 0                      | 36   |
| Sonarhat                        | 18.75                  | 9    |
| Elejanerkuthi                   | 8.333333               | 21   |
| Gosainganj                      | 29.16667               | 6    |
| Sitalabas                       | 8.333333               | 21   |
| Natuarpar                       | 8.695652               | 20   |
| Garubhasa                       | 0                      | 36   |
| Dodumari                        | 8.333333               | 21   |
| Malatiguri                      | 0                      | 36   |
| Dharmabarar Kuthi               | 50                     | 1    |
| Baisguri Khanda                 | 4                      | 34   |
| Daksin Kharija Gitaldaha        | 8.333333               | 21   |
| Chhat Khochabari Dwitiyo Khanda | 4.166667               | 28   |

**A6b. Table and ranking by occurrence of common diseases in last fortnight (contd...)**

| Villages                 | Common Diseases OTHERS |      |
|--------------------------|------------------------|------|
|                          | CDINDEX                | Rank |
| Gaochulca                | 4.166667               | 28   |
| Purbba Hudumdanga        | 17.3913                | 12   |
| Madhya Chhat Gopalpur    | 0                      | 36   |
| Chhat Khagribari         | 0                      | 36   |
| Chhota Chhat Dhan Dhan   | 0                      | 36   |
| Indrekuthi               | 0                      | 36   |
| Kharija Ratanpur         | 0                      | 36   |
| Chandamari               | 4.347826               | 27   |
| Kurshamari               | 4.166667               | 28   |
| Nagar Gopalganj          | 37.5                   | 4    |
| Patakamari               | 30.43478               | 5    |
| Fulkadabri Bajejama      | 0                      | 36   |
| Bara Nijtaraf            | 0                      | 36   |
| Fulkadabri               | 0                      | 36   |
| Paschim Gopalpur         | 8.333333               | 21   |
| Satgharia                | 20.83333               | 7    |
| Shatimari                | 4.166667               | 28   |
| Gangadhar                | 4.166667               | 28   |
| Fulbari                  | 4.166667               | 28   |
| Chikliguri Dwitia Khanda | 20.83333               | 7    |
| Velakopa Pratham Khanda  | 16                     | 15   |
| Bashraja Dwitia Khanda   | 0                      | 36   |
| Chhat Balakuthi          | 16.66667               | 13   |
| Bakla                    | 0                      | 36   |
| Shilghagri               | 16.66667               | 13   |

Note: 1) CDINDEX = index.

2) The villages are ranked in descending order by the respective index.

### **5.5. Mother's Health (B7a-d and B8a-d/ A7a-d and A8a-d)**

Mother's health at the village level constitutes an important source of information whereby we are able to evaluate the conditions of the children. Three important components for measuring mother's health as taken up in this survey are: age of marriage, age when first child is born and third, the weight of the baby. On the basis of the responses, we are able to assign appropriate weights to each of these categories and identify the following villages, Boragari, Gosaigunj and Malatiguri as the top three performers in terms of the positive attributes on this aspect. The positive features mean that the age of marriage is high and the age at first child is also higher than the average. It is supported by the fact that the weight of the newborn is higher with age exceeding the average age of first motherhood at 17 years.

Tables B8a-d describe the extent of ante-natal care (ANC) and post-natal care (PNC) available to the mothers belonging to the SC/ST category. According to the responses, mothers from Barabangla and Padmamari received 100% of each of these two cares and both villages get a rank of 1 along with Karibharal.



### B7a. Mother's Health-1

| <b>Villages</b>                 | <b>Age at marriage</b> | <b>Age of mother when first child is born</b> | <b>Average Baby Weight</b> |
|---------------------------------|------------------------|---|----------------------------|
| Boragari                        | 21.66                  | 23  | 3.00                       |
| Borakhata                       | 17.25                  | 19  | 3.30                       |
| Hollanger Kuthi                 | 16.18                  | 17.85   | 3.00                       |
| Kachuban                        | 16.05                  | 17.7  | 7.18                       |
| Karibharal                      | 16.33                  | 17.66   | 2.86                       |
| Kharija Kakribari               | 17.36                  | 19.08   | 4.85                       |
| Kokoabari                       | 17.4                   | 19.28   | 1.25                       |
| Petbhata Chandanchowra          | 16.83                  | 18.47   | 5.48                       |
| Siddheswari                     | 17.98                  | 19.38   | 5.60                       |
| Uttar Gayargari                 | 17.96                  | 19.08   | 2.43                       |
| Barabangla                      | 16.05405               | 18.25   | 3.36                       |
| Kajalikura                      | 17.15                  | 18.63   | 2.66                       |
| Padmamari                       | 16.04762               | 18.33   | 2.70                       |
| Sonarhat                        | 15.90909               | 17.73   | 3.13                       |
| Elejanerkuthi                   | 15.41667               | 17.95   | 2.94                       |
| Gosainganj                      | 18.00                  | 19.90   | 2.82                       |
| Sitalabas                       | 15.44                  | 17.67   | 2.71                       |
| Natuarpar                       | 15.88                  | 17.58   | 5.10                       |
| Garubhasa                       | 16.67647               | 18.71   | 2.69                       |
| Dodumari                        | 17.12                  | 18.63   | 2.93                       |
| Malatiguri                      | 17.88                  | 20  | 2.34                       |
| Dharmabarar Kuthi               | 16.99                  | 18.09   | 5.38                       |
| Baisguri Khanda                 | 16.08                  | 17.69   | 5.00                       |
| Daksin Kharija Gitaldaha        | 16.09615               | 17.96   | 2.57                       |
| Chhat Khochabari Dwitiyo Khanda | 14.6875                | 16.44   | 3.40                       |

**B7b. Mother's Health-1**

| <b>Villages</b>               | <b>Age at marriage</b> | <b>Age of mother when</b> | <b>Average Baby</b> |
|-------------------------------|------------------------|---------------------------|---------------------|
| Gaochulca                     | 16.44                  | 18.39                     | 2.70                |
| Purbba<br>Hudumdanga          | 16.95                  | 19.43                     | 2.73                |
| Madhya Chhat<br>Gopalpur      | 16                     | 18.14                     | 3.25                |
| Chhat<br>Khagribari           | 15.83871               | 17.42                     | 2.47                |
| Chhota Chhat<br>Dhan Dhan     | 16.07692               | 17.8                      | 2.50                |
| Indrerkuthi                   | 18.64                  | 19.22                     | 4.73                |
| Kharija<br>Ratanpur           | 16                     | 18.111                    | 2.87                |
| Chandamari                    | 16                     | 18.16                     | 2.87                |
| Kurshamari                    | 16.29                  | 19.54                     | 2.52                |
| Nagar<br>Gopalganj            | 16.5                   | 17.67                     | 2.75                |
| Patakamari                    | 13.5                   | 18.25                     | 3.25                |
| Fulkadabri<br>Bajejama        | 17.04                  |                           | 2.80                |
| Bara Nijtaraf                 | 16.15                  | 18.15                     | 2.25                |
| Fulkadabri                    | 17.03                  | 18.28                     | 2.80                |
| Paschim<br>Gopalpur           | 16.56                  | 18.46                     | 2.55                |
| Satgharia                     | 16.53                  | 17.69                     | 2.96                |
| Shatimari                     | 16.08                  | 19.19                     | 2.49                |
| Gangadhar                     | 16.62                  | 18.75                     | 3.29                |
| Fulbari                       | 16.4                   | 17.4                      | 2.33                |
| Chikliguri<br>Dwitia Khanda   | 16                     | 17.69                     | 2.64                |
| Velakopa<br>Pratham<br>Khanda | 16.38                  | 19.38                     | 3.00                |
| Bashraja<br>Dwitia Khanda     | 15.35                  | 17.6                      | 2.64                |
| Chhat<br>Balakuthi            | 16                     | 18.92                     | 2.17                |
| Bakla                         | 15.47                  | 16.88                     | 3.13                |
| Shilghagri                    | 16.67                  | 18.77                     | 2.75                |

**B7c. Ranking by mother' health-1**

| Villages                                 | Mother's Health-1 SC & ST |      |          |      |
|--|---------------------------|------|----------|------|
|  | MH-1-IND                  | Rank | WMH-1-IN | Rank |
| Boragari                                 | 15.89                     | 1    | 22.32    | 1    |
| Borakhata                                | 13.18                     | 10   | 18.12    | 10   |
| Hollanger<br>Kuthi                       | 12.34                     | 33   | 17.01    | 34   |
| Kachuban                                 | 13.64                     | 5    | 16.87    | 39   |
| Karibharal                               | 12.28                     | 36   | 16.99    | 35   |
| Kharija<br>Kakribari                     | 13.76                     | 4    | 18.22    | 8    |
| Kokoabari                                | 12.64                     | 23   | 18.33    | 7    |
| Petbhata<br>Chandanchowr<br>a            | 13.59                     | 6    | 17.65    | 19   |
| Siddheswari                              | 14.32                     | 2    | 18.68    | 5    |
| Uttar<br>Gayargari                       | 13.16                     | 11   | 18.51    | 6    |
| Barabangla                               | 12.55                     | 25   | 17.15    | 26   |
| Kajalikura                               | 12.81                     | 18   | 17.88    | 12   |
| Padmamari                                | 12.36                     | 31   | 17.19    | 25   |
| Sonarhat                                 | 12.26                     | 37   | 16.82    | 41   |
| Elejanerkuthi                            | 12.11                     | 42   | 16.68    | 43   |
| Gosainganj                               | 13.57                     | 7    | 18.94    | 2    |
| Sitalabas                                | 11.94                     | 44   | 16.55    | 45   |
| Natuarpar                                | 12.85                     | 17   | 16.73    | 42   |
| Garubhasa                                | 12.69                     | 22   | 17.69    | 16   |
| Dodumari                                 | 12.89                     | 15   | 17.87    | 14   |
| Malatiguri                               | 13.41                     | 9    | 18.93    | 3    |
| Dharmabarar<br>Kuthi                     | 13.49                     | 8    | 17.54    | 21   |
| Baisguri<br>Khanda                       | 12.92                     | 13   | 16.88    | 38   |
| Daksin Kharija<br>Gitaldaha              | 12.21                     | 38   | 17.03    | 33   |
| Chhat<br>Khochabari<br>Dwitiyo<br>Khanda | 11.51                     | 49   | 15.56    | 49   |

**B7d. Ranking by mother' health-1**

| Villages                      | Mother's Health-1 SC & ST continued |      |            |      |
|-------------------------------|-------------------------------------|------|------------|------|
|                               | MH-1-INDX                           | Rank | WMH-1-INDX | Rank |
| Gaochulca                     | 12.51                               | 27   | 17.41      | 24   |
| Purbba<br>Hudumdanga          | 13.04                               | 12   | 18.19      | 9    |
| Madhya Chhat<br>Gopalpur      | 12.46                               | 28   | 17.07      | 31   |
| Chhat<br>Khagribari           | 11.91                               | 45   | 16.63      | 44   |
| Chhota Chhat<br>Dhan Dhan     | 12.13                               | 40   | 16.94      | 36   |
| Indrekuthi                    | 14.20                               | 3    | 18.92      | 4    |
| Kharija<br>Ratanpur           | 12.33                               | 34   | 17.05      | 32   |
| Chandamari                    | 12.34                               | 32   | 17.08      | 30   |
| Kurshamari                    | 12.78                               | 19   | 17.91      | 11   |
| Nagar<br>Gopalganj            | 12.31                               | 35   | 17.08      | 29   |
| Patakamari                    | 11.67                               | 48   | 15.88      | 48   |
| Fulkadabri<br>Bajejama        | 9.92                                | 50   | 8.49       | 50   |
| Bara Nijtaraf                 | 12.18                               | 39   | 17.15      | 27   |
| Fulkadabri                    | 12.70                               | 21   | 17.65      | 18   |
| Paschim<br>Gopalpur           | 12.52                               | 26   | 17.51      | 22   |
| Satgharia                     | 12.39                               | 29   | 17.10      | 28   |
| Shatimari                     | 12.59                               | 24   | 17.63      | 20   |
| Gangadhar                     | 12.89                               | 16   | 17.68      | 17   |
| Fulbari                       | 12.04                               | 43   | 16.89      | 37   |
| Chikliguri<br>Dwitia Khanda   | 12.11                               | 41   | 16.84      | 40   |
| Velakopa<br>Pratham<br>Khanda | 12.92                               | 14   | 17.88      | 13   |
| Bashraja<br>Dwitia Khanda     | 11.86                               | 46   | 16.47      | 46   |
| Chhat<br>Balakuthi            | 12.36                               | 30   | 17.46      | 23   |
| Bakla                         | 11.83                               | 47   | 16.17      | 47   |
| Shilghagri                    | 12.73                               | 20   | 17.72      | 15   |

- Note: 1) MH-1-INDX = unweighted Index and WMH-1-INDX = weighted index  
2) The villages are ranked in descending order by the respective index  
3) The rank correlation between the two indices is 0.821465  
and the simple correlation between them is 0.848365

Fig 11. Ranking by Mothers' Health1 ( SC & ST)

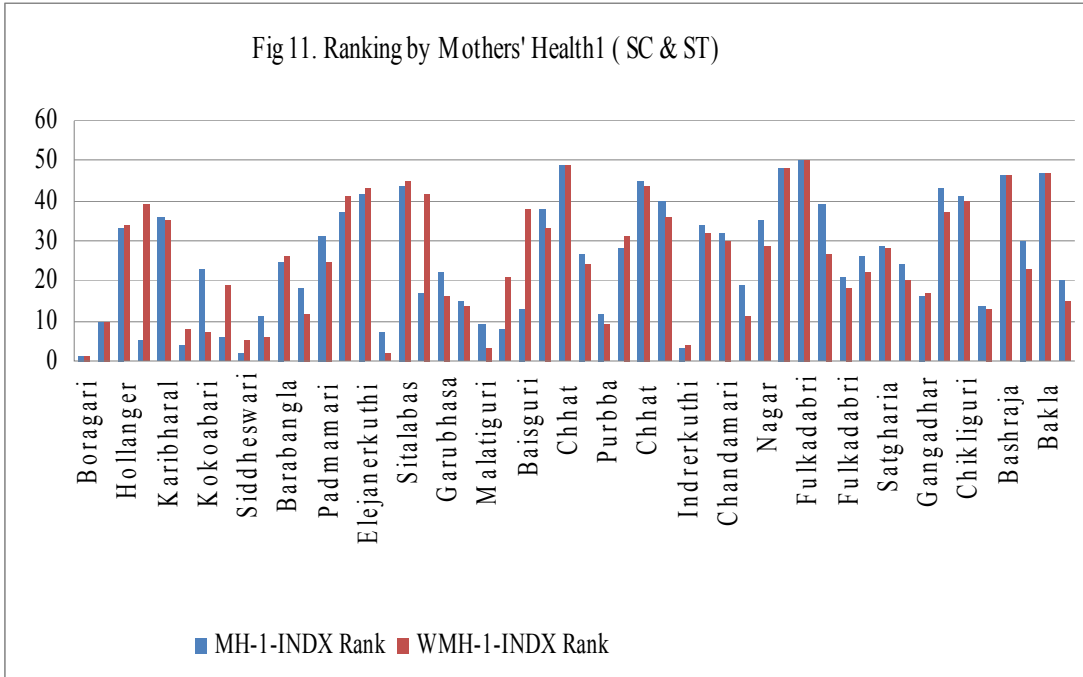
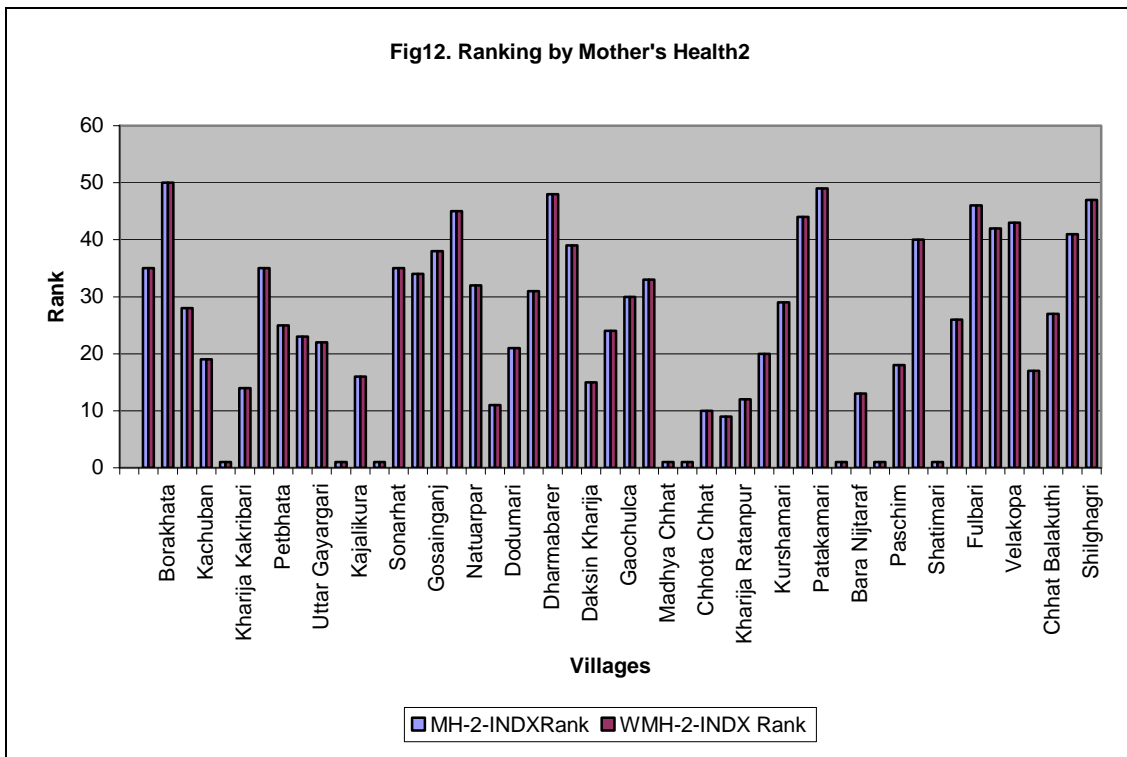
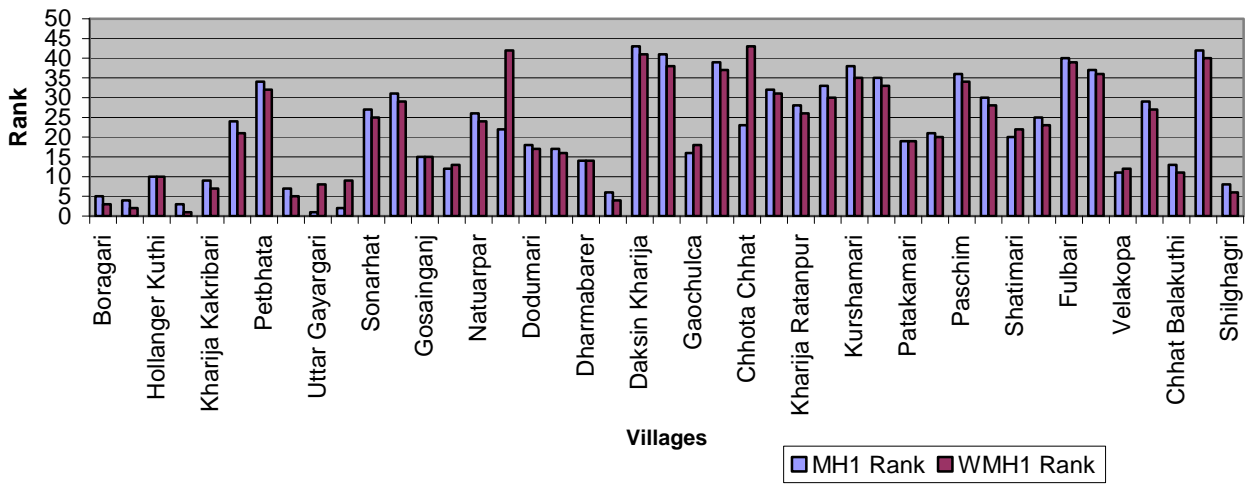


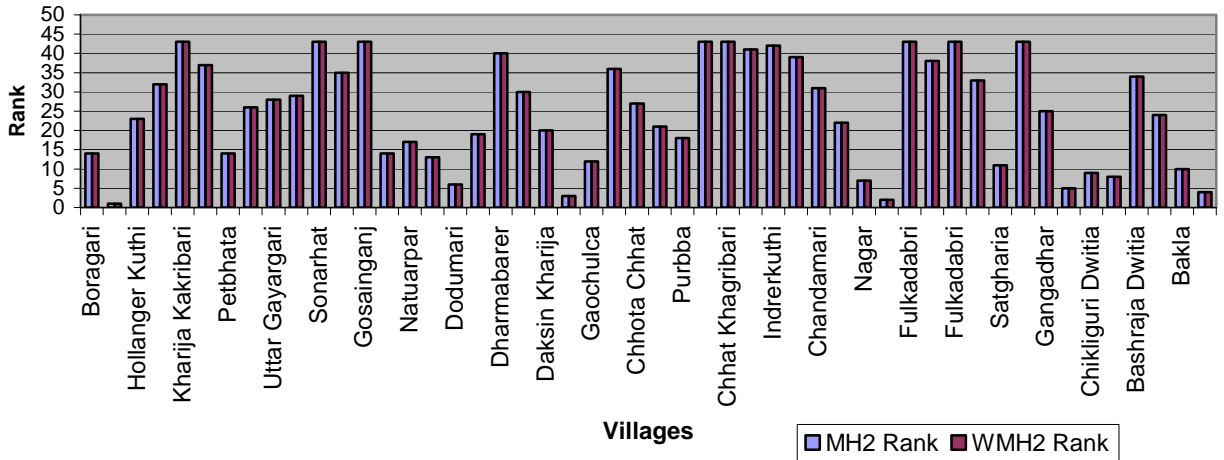
Fig12. Ranking by Mother's Health2



**Fig11A1. Ranking according to Mother's Health1(Others)**



**Fig11A2. Ranking according to Mother's Health2(Others)**



**A7a. Mother's health-1**

| <b>Mother's Health-1-others</b> |   |  |                            |
|---------------------------------|---|--|----------------------------|
| <b>Villages</b>                 | <b>Average Age of Girls during Marriage</b> | <b>Average Age of Mothers when first child is born</b> | <b>Average Baby Weight</b> |
| Boragari                        | 38.42                                       | 41.77  | 2.70                       |
| Borakhata                       | 37.77                                       | 40.86  | 5.23                       |
| Hollanger Kuthi                 | 33.21                                       | 37.21  | 6.25                       |
| Kachuban                        | 40.31                                       | 42.80  | 5.40                       |
| Kharija Kakribari               | 35.05                                       | 38.88  | 2.90                       |
| Kokoabari                       | 20.22                                       | 21.96  | 2.80                       |
| Petbhata Chandanchowra          | 15.65                                       | 18.21  | 2.81                       |
| Siddheswari                     | 35.97                                       | 39.33  | 4.91                       |
| Uttar Gayargari                 | 35.89                                       | 39.25  |                            |
| Kajalikura                      | 35.70                                       | 39.11  |                            |
| Sonarhat                        | 17.22                                       | 18.38  | 3.37                       |
| Elejanerkuthi                   | 16.40                                       | 17.80  | 3.00                       |
| Gosainganj                      | 31.58                                       | 35.45  | 4.48                       |
| Sitalabas                       | 33.74                                       | 36.62  | 5.13                       |
| Natuarpar                       | 17.73                                       | 19.43  | 3.01                       |
| Garubhasa                       | 14.67                                       | 17.00  |                            |
| Dodumari                        | 32.50                                       | 34.84  | 2.77                       |
| Malatiguri                      | 32.18                                       | 35.77  | 2.68                       |
| Dharmabarar Kuthi               | 32.04                                       | 35.46  | 5.83                       |
| Baisguri Khanda                 | 37.00                                       | 39.50  | 5.02                       |
| Daksin Kharija Gitaldaha        | 14.43                                       | 16.00  | 2.67                       |
| Chhat Khochabari Dwitiyo Khanda | 15.33                                       | 17.18  | 2.20                       |

**A7b. Mother's health-1**

| <b>Mother's Health-1- others-continued</b> |   |  |                            |
|--|---|--|----------------------------|
| <b>Villages</b>                            | <b>Average Age of Girls during Marriage</b> | <b>Average Age of Mothers when first child is born</b> | <b>Average Baby Weight</b> |
| Gaochulca                                  | 30.18                                       | 35.02  | 5.88                       |
| Purbba<br>Hudumdanga                       | 15.31                                       | 17.16  | 3.06                       |
| Chhota Chhat<br>Dhan Dhanania              | 15.00                                       | 16.50  |                            |
| Indrerkuthi                                | 16.00                                       | 17.50  | 3.50                       |
| Kharija Ratanpur                           | 17.00                                       | 19.00  | 2.50                       |
| Chandamari                                 | 16.11                                       | 18.01  | 2.67                       |
| Kurshamari                                 | 15.21                                       | 18.30  | 2.90                       |
| Nagar Gopalganj                            | 15.86                                       | 18.00  | 2.79                       |
| Patakamari                                 | 31.35                                       | 34.37  | 2.93                       |
| Bara Nijtaraf                              | 22.00                                       | 25.00  | 2.50                       |
| Paschim<br>Gopalpur                        | 16.00                                       | 18.00  | 2.57                       |
| Satgharia                                  | 16.50                                       | 17.93  | 3.08                       |
| Shatimari                                  | 19.50                                       | 21.50  |                            |
| Gangadhar                                  | 18.10                                       | 20.61  | 3.03                       |
| Fulbari                                    | 15.20                                       | 16.74  | 2.97                       |
| Chikliguri Dwitia<br>Khanda                | 15.70                                       | 17.70  | 3.05                       |
| Velakopa<br>Pratham Khanda                 | 33.00                                       | 37.22  | 5.44                       |
| Bashraja Dwitia<br>Khanda                  | 16.00                                       | 19.43  | 2.10                       |
| Chhat Balakuthi                            | 33.75                                       | 38.46  | 3.00                       |
| Bakla                                      | 14.79                                       | 16.79  | 2.75                       |
| Shilghagri                                 | 34.00                                       | 40.00  | 2.93                       |



**A7c. Ranking by mother's health-1**

| Villages                              | Mother's Health-1<br>OTHERS |      |            |      |
|---------------------------------------|-----------------------------|------|------------|------|
|                                       | MH-1-INDX                   | Rank | WMH-1-INDX | Rank |
| Boragari                              | 27.63                       | 5    | 30.66      | 3    |
| Borakhata                             | 27.95                       | 4    | 30.71      | 2    |
| Hollanger Kuthi                       | 25.56                       | 10   | 27.90      | 10   |
| Kachuban                              | 29.50                       | 3    | 32.43      | 1    |
| Kharija<br>Kakribari                  | 25.61                       | 9    | 28.37      | 7    |
| Kokoabari                             | 14.99                       | 24   | 16.47      | 21   |
| Petbhata<br>Chandanchowra             | 12.22                       | 34   | 13.37      | 32   |
| Siddheswari                           | 26.74                       | 7    | 29.39      | 5    |
| Uttar Gayargari                       | 37.57                       | 1    | 28.09      | 8    |
| Kajalikura                            | 37.41                       | 2    | 27.97      | 9    |
| Sonarhat                              | 12.99                       | 27   | 14.16      | 25   |
| Elejanerkuthi                         | 12.40                       | 31   | 13.54      | 29   |
| Gosainganj                            | 23.84                       | 15   | 26.19      | 15   |
| Sitalabas                             | 25.16                       | 12   | 27.59      | 13   |
| Natuarpar                             | 13.39                       | 26   | 14.65      | 24   |
| Garubhasa                             | 15.83                       | 22   | 11.84      | 42   |
| Dodumari                              | 23.37                       | 18   | 25.87      | 17   |
| Malatiguri                            | 23.54                       | 17   | 26.08      | 16   |
| Dharmabarar<br>Kuthi                  | 24.44                       | 14   | 26.70      | 14   |
| Baisguri Khanda                       | 27.17                       | 6    | 29.86      | 4    |
| Daksin Kharija<br>Gitaldaha           | 11.03                       | 43   | 12.05      | 41   |
| Chhat<br>Khochabari<br>Dwitiyo Khanda | 11.57                       | 41   | 12.71      | 38   |

**A7d. Ranking by mother's health-1**

| Villages                 | Mother's Health-1- continued<br>OTHERS |      |            |      |
|--------------------------|--|------|------------|------|
|                          | MH-1-<br>INDX                          | Rank | WMH-1-INDX | Rank |
| Gaochulca                | 23.69                                  | 16   | 25.85      | 18   |
| Purbba Hudumdanga        | 11.84                                  | 39   | 12.91      | 37   |
| Chhota Chhat Dhan Dhan   | 15.75                                  | 23   | 11.78      | 43   |
| Indrerkuthi              | 12.33                                  | 32   | 13.41      | 31   |
| Kharija Ratanpur         | 12.83                                  | 28   | 14.09      | 26   |
| Chandamari               | 12.26                                  | 33   | 13.43      | 30   |
| Kurshamari               | 12.14                                  | 38   | 13.26      | 35   |
| Nagar Gopalganj          | 12.22                                  | 35   | 13.36      | 33   |
| Patakamari               | 22.88                                  | 19   | 25.31      | 19   |
| Bara Nijtaraf            | 16.50                                  | 21   | 18.20      | 20   |
| Paschim Gopalpur         | 12.19                                  | 36   | 13.36      | 34   |
| Satgharia                | 12.50                                  | 30   | 13.65      | 28   |
| Shatimari                | 20.50                                  | 20   | 15.33      | 22   |
| Gangadhar                | 13.91                                  | 25   | 15.23      | 23   |
| Fulbari                  | 11.64                                  | 40   | 12.69      | 39   |
| Chikliguri Dwitia Khanda | 12.15                                  | 37   | 13.25      | 36   |
| Velakopa Pratham Khanda  | 25.22                                  | 11   | 27.62      | 12   |
| Bashraja Dwitia Khanda   | 12.51                                  | 29   | 13.77      | 27   |
| Chhat Balakuthi          | 25.07                                  | 13   | 27.75      | 11   |
| Bakla                    | 11.44                                  | 42   | 12.50      | 40   |
| Shilghagri               | 25.64                                  | 8    | 28.40      | 6    |

- Note: 1) MH-1-INDX = unweighted Index and WMH-1-INDX = weighted index  
2) The villages are ranked in descending order by the respective index  
3) The rank correlation between the two indices is 0.921927 and the simple correlation between them is 0.924858

**B8a. Mother's health-2**

| <b>M other's Health-2<br/>SC &amp; ST</b> |                            |                            |
|---|----------------------------|----------------------------|
| <b>V illag es</b>                         | <b>A N C S<br/>(in % )</b> | <b>P N C s<br/>(in % )</b> |
| Boragari                                  | 50.00%                     | 50.00%                     |
| Borakhata                                 | 12.50%                     | 11.11%                     |
| Hollanger<br>Kuthi                        | 62.50%                     | 56.25%                     |
| Kachuban                                  | 76.92%                     | 76.92%                     |
| Karibhara                                 | 100.00%                    | 100.00%                    |
| Kharija<br>Kakribari                      | 88.89%                     | 89.47%                     |
| Kokoabari                                 | 50.00%                     | 50.00%                     |
| Petbhata<br>Chandanchow<br>ra             | 65.38%                     | 65.38%                     |
| Siddheswari                               | 68.29%                     | 70.21%                     |
| Uttar<br>Gayargari                        | 70.59%                     | 70.59%                     |
| Barabangla                                | 100.00%                    | 100.00%                    |
| Kajalikura                                | 85.71%                     | 86.11%                     |
| Padmamari                                 | 100.00%                    | 100.00%                    |
| Sonarhat                                  | 50.00%                     | 50.00%                     |
| Elejanerkuthi                             | 37.50%                     | 65.22%                     |
| Gosainganj                                | 53.85%                     | 42.86%                     |
| Sitalabas                                 | 36.00%                     | 36.00%                     |
| Natuarpar                                 | 54.55%                     | 59.09%                     |
| Garubhasa                                 | 100.00%                    | 94.44%                     |
| Dodumari                                  | 75.00%                     | 71.43%                     |
| Malatiguri                                | 57.14%                     | 57.14%                     |
| Dharmabarer<br>Kuthi                      | 0.00%                      | 31.58%                     |
| Baisguri<br>Khanda                        | 22.22%                     | 66.67%                     |
| Daksin<br>Kharija<br>Gitaldaha            | 100.00%                    | 73.68%                     |
| Chhat<br>Khochabari<br>Dwitiyo<br>Khanda  | 66.67%                     | 64.29%                     |

**B8b. Mother's health-2**

| <b>Mother's Health-2<br/>SC &amp; ST(continued)</b> |                       |                       |
|---|-----------------------|-----------------------|
| <b>Villages</b>                                     | <b>ANCS<br/>(in%)</b> | <b>PNCs<br/>(in%)</b> |
| Gaochulca   | 50.00%                | 64.71%                |
| Purbba Hudumdanga                                   | 54.55%                | 55.56%                |
| Madhya Chhat<br>Gopalpur                            | 100.00%               | 100.00%               |
| Chhat Khagribari                                    | 100.00%               | 100.00%               |
| Chhota Chhat Dhan<br>Dhania                         | 100.00%               | 95.45%                |
| Indrekuthi  | 95.65%                | 100.00%               |
| Kharija Ratanpur                                    | 95.00%                | 94.44%                |
| Chandamari  | 78.95%                | 69.57%                |
| Kurshamari  | 60.00%                | 57.14%                |
| Nagar Gopalganj                                     | 44.44%                | 30.77%                |
| Patakamari  | 16.67%                | 13.64%                |
| Fulkadabri Bajejama                                 | 100.00%               | 100.00%               |
| Bara Nijtaraf                                       | 93.75%                | 93.75%                |
| Fulkadabri  | 100.00%               | 100.00%               |
| Paschim Gopalpur                                    | 81.82%                | 83.33%                |
| Satgharia   | 40.00%                | 47.37%                |
| Shatimari   | 100.00%               | 100.00%               |
| Gangadhar   | 53.85%                | 73.91%                |
| Fulbari   | 37.50%                | 22.22%                |
| Chikliguri Dwitia<br>Khanda                         | 38.46%                | 42.86%                |
| Velakopa Pratham<br>Khanda                          | 40.00%                | 40.00%                |
| Bashraja Dwitia<br>Khanda                           | 83.33%                | 83.33%                |
| Chhat Balakuthi                                     | 60.00%                | 60.00%                |
| Bakla   | 50.00%                | 33.33%                |
| Shilghagri  | 25.00%                | 25.00%                |

**B8c. Ranking by mother's health-2**

| Mother's Health-2<br>SC & ST       |           |      |            |      |
|------------------------------------|-----------|------|------------|------|
| Villages                           | MH-2-INDX | Rank | WMH-2-INDX | Rank |
| Boragari                           | 50.00     | 35   | 50.00      | 35   |
| Borakhata                          | 11.81     | 50   | 11.81      | 50   |
| Hollanger Kuthi                    | 59.38     | 28   | 59.38      | 28   |
| Kachuban                           | 76.92     | 19   | 76.92      | 19   |
| Karibharal                         | 100.00    | 1    | 100.00     | 1    |
| Kharija Kakribari                  | 89.18     | 14   | 89.18      | 14   |
| Kokoabari                          | 50.00     | 35   | 50.00      | 35   |
| Petbhata<br>Chandanchowra          | 65.38     | 25   | 65.38      | 25   |
| Siddheswari                        | 69.25     | 23   | 69.25      | 23   |
| Uttar Gayargari                    | 70.59     | 22   | 70.59      | 22   |
| Barabangla                         | 100.00    | 1    | 100.00     | 1    |
| Kajalikura                         | 85.91     | 16   | 85.91      | 16   |
| Padmamari                          | 100.00    | 1    | 100.00     | 1    |
| Sonarhat                           | 50.00     | 35   | 50.00      | 35   |
| Elejanerkuthi                      | 51.36     | 34   | 51.36      | 34   |
| Gosainganj                         | 48.35     | 38   | 48.35      | 38   |
| Sitalabas                          | 36.00     | 45   | 36.00      | 45   |
| Natuarpar                          | 56.82     | 32   | 56.82      | 32   |
| Garubhasa                          | 97.22     | 11   | 97.22      | 11   |
| Dodumari                           | 73.21     | 21   | 73.21      | 21   |
| Malatiguri                         | 57.14     | 31   | 57.14      | 31   |
| Dharmabarar Kuthi                  | 15.79     | 48   | 15.79      | 48   |
| Baisguri Khanda                    | 44.44     | 39   | 44.44      | 39   |
| Daksin Kharija<br>Gitaldaha        | 86.84     | 15   | 86.84      | 15   |
| Chhat Khochabari<br>Dwitiyo Khanda | 65.48     | 24   | 65.48      | 24   |

**B8d. Ranking by mother's health-2**

| <b>Mother's Health-2<br/>SC &amp; ST(continued)</b> |                  |             |                   |             |
|---|------------------|-------------|-------------------|-------------|
| <b>Villages</b>                                     | <b>MH-2-INDX</b> | <b>Rank</b> | <b>WMH-2-INDX</b> | <b>Rank</b> |
| Gaochulca   | 57.35            | 30          | 57.35             | 30          |
| Purbba Hudumdanga                                   | 55.05            | 33          | 55.05             | 33          |
| Madhya Chhat<br>Gopalpur                            | 100.00           | 1           | 100.00            | 1           |
| Chhat Khagribari                                    | 100.00           | 1           | 100.00            | 1           |
| Chhota Chhat Dhan<br>Dhania                         | 97.73            | 10          | 97.73             | 10          |
| Indrekuthi  | 97.83            | 9           | 97.83             | 9           |
| Kharija Ratanpur                                    | 94.72            | 12          | 94.72             | 12          |
| Chandamari  | 74.26            | 20          | 74.26             | 20          |
| Kurshamari  | 58.57            | 29          | 58.57             | 29          |
| Nagar Gopalganj                                     | 37.61            | 44          | 37.61             | 44          |
| Patakamari  | 15.15            | 49          | 15.15             | 49          |
| Fulkadabri Bajejama                                 | 100.00           | 1           | 100.00            | 1           |
| Bara Nijtaraf                                       | 93.75            | 13          | 93.75             | 13          |
| Fulkadabri  | 100.00           | 1           | 100.00            | 1           |
| Paschim Gopalpur                                    | 82.58            | 18          | 82.58             | 18          |
| Satgharia   | 43.68            | 40          | 43.68             | 40          |
| Shatimari   | 100.00           | 1           | 100.00            | 1           |
| Gangadhar   | 63.88            | 26          | 63.88             | 26          |
| Fulbari   | 29.86            | 46          | 29.86             | 46          |
| Chikliguri Dwitia<br>Khanda                         | 40.66            | 42          | 40.66             | 42          |
| Velakopa Pratham<br>Khanda                          | 40.00            | 43          | 40.00             | 43          |
| Bashraja Dwitia<br>Khanda                           | 83.33            | 17          | 83.33             | 17          |
| Chhat Balakuthi                                     | 60.00            | 27          | 60.00             | 27          |
| Bakla   | 41.67            | 41          | 41.67             | 41          |
| Shilghagri  | 25.00            | 47          | 25.00             | 47          |

Note:

- 1) MH-2-INDX = unweighted index and WMH-2-INDX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.
- 3) The rank correlation and simple correlation between the 2 indices is 1.

On the basis of the responses, we have assigned appropriate weights to each of the categories shown in the above tables and identify the following villages, Kachuban, Borakhata, Boragari as the top three performers in terms of positive attributes on this aspect. The positive features mean that the age of marriage is high and the age at first child is also higher than the average. It is supported by the fact that the weight of the newborn is higher with age exceeding the average age of first motherhood at 17 years.

Tables A8a-d describe the extent of ante-natal care (ANC) and post-natal care (PNC) available to the mothers belonging to the Others category. According to the responses, mothers from Borakhata received 88.19% of each of these two cares and get a rank of 1.

There are quite a number of villages (20 out of 46) where average age of girls during marriage is below 18 years. For villages like Garubhasha, Dakshin Kharija Gitaldaha and Bakla the average is even below 15 years. There seems a positive correlation between the average age of girls during marriage and the average age of mothers when the first child was born. As mentioned earlier there are a number of villages where average age of a girl during marriage is below 18 years. Consequently, for about 8 villages among them where the average age of motherhood when the first child was born happened to be less than 18 years as well. However, apart from two villages, namely, Chhat Khochabari Dwitia Khanda and Bashraja Dwitia Khanda, newborns were not found to be underweight (<2.5 kg) on an average. These villages as a result rank towards the bottom of the table. The ranking (with respect to mother's health) shows that Kachuban, Uttar Gayargari, Kajalikura are better performers, as the average age at marriage and child bearing both are quite high in these villages. Apart from the villages Elejanerkuthi, Dharmabarar Kuthi, Dakshin Kharija

Gitaldaha, Gangadhar there is not much difference in the proportion of mothers receiving ANC and PNC.

Borakhata is the village where highest proportion of mothers have received ANC and PNC (close to 90%). In the villages such as Dharmabarar Kuthi and Patakamari the proportions are higher than 80%. Villages such as Barabangla, Barabangla, Padmamari, Madhya Chhat Gopalpur, Chhat Khagribari, Fulkadabri Bajejama, Fulkadabri, Shatimari not a single mother had been found to have received either AN or PN care.



**A8a. Mother's health-2**

| <b>Mother's Health-2-others</b> |                       |                       |
|---------------------------------|-----------------------|-----------------------|
| <b>Villages</b>                 | <b>ANCS<br/>(in%)</b> | <b>PNCs<br/>(in%)</b> |
| Boragari                        | 50.00%                | 50.00%                |
| Borakhata                       | 87.50%                | 88.89%                |
| Hollanger Kuthi                 | 37.50%                | 43.75%                |
| Kachuban                        | 23.08%                | 23.08%                |
| Karibharal                      | 0.00%                 | 0.00%                 |
| Kharija                         |                       |                       |
| Kakribari                       | 11.11%                | 10.53%                |
| Kokoabari                       | 50.00%                | 50.00%                |
| Petbhata                        |                       |                       |
| Chandanchowra                   | 34.62%                | 34.62%                |
| Siddheswari                     | 31.71%                | 29.79%                |
| Uttar Gayargari                 | 29.41%                | 29.41%                |
| Barabangla                      | 0.00%                 | 0.00%                 |
| Kajalikura                      | 14.29%                | 13.89%                |
| Padmamari                       | 0.00%                 | 0.00%                 |
| Sonarhat                        | 50.00%                | 50.00%                |
| Elejanerkuthi                   | 62.50%                | 34.78%                |
| Gosainganj                      | 46.15%                | 57.14%                |
| Sitalabas                       | 64.00%                | 64.00%                |
| Natuarpar                       | 45.45%                | 40.91%                |
| Garubhasa                       | 0.00%                 | 5.56%                 |
| Dodumari                        | 25.00%                | 28.57%                |
| Malatiguri                      | 42.86%                | 42.86%                |
| Dharmabarar                     |                       |                       |
| Kuthi                           | 100.00%               | 68.42%                |
| Baisguri Khanda                 | 77.78%                | 33.33%                |
| Daksin Kharija                  |                       |                       |
| Gitaldaha                       | 0.00%                 | 26.32%                |
| Chhat                           |                       |                       |
| Khochabari                      |                       |                       |
| Dwitiyo Khanda                  | 33.33%                | 35.71%                |

**A8b. Mother's health-2**

| <b>Mother's Health-2- others-continued</b> |                   |                   |
|--|-------------------|-------------------|
| <b>Villages</b>                            | <b>ANCS (in%)</b> | <b>PNCs (in%)</b> |
| Gaochulca                                  | 50.00%            | 35.29%            |
| Purbba Hudumdanga                          | 45.45%            | 44.44%            |
| Madhya Chhat Gopalpur                      | 0.00%             | 0.00%             |
| Chhat Khagribari                           | 0.00%             | 0.00%             |
| Chhota Chhat Dhan<br>Dhan                  | 0.00%             | 4.55%             |
| Indrekuthi                                 | 4.35%             | 0.00%             |
| Kharija Ratanpur                           | 5.00%             | 5.56%             |
| Chandamari                                 | 21.05%            | 30.43%            |
| Kurshamari                                 | 40.00%            | 42.86%            |
| Nagar Gopalganj                            | 55.56%            | 69.23%            |
| Patakamari                                 | 83.33%            | 86.36%            |
| Fulkadabri Bajejama                        | 0.00%             | 0.00%             |
| Bara Nijtaraf                              | 6.25%             | 6.25%             |
| Fulkadabri                                 | 0.00%             | 0.00%             |
| Paschim Gopalpur                           | 18.18%            | 16.67%            |
| Satgharia                                  | 60.00%            | 52.63%            |
| Shatimari                                  | 0.00%             | 0.00%             |
| Gangadhar                                  | 46.15%            | 26.09%            |
| Fulbari                                    | 62.50%            | 77.78%            |
| Chikliguri Dwitia<br>Khanda                | 61.54%            | 57.14%            |
| Velakopa Pratham<br>Khanda                 | 60.00%            | 60.00%            |
| Bashraja Dwitia Khanda                     | 16.67%            | 16.67%            |
| Chhat Balakuthi                            | 40.00%            | 40.00%            |
| Bakla                                      | 50.00%            | 66.67%            |
| Shilghagri                                 | 75.00%            | 75.00%            |

**A8c. Ranking by mother's health-2**

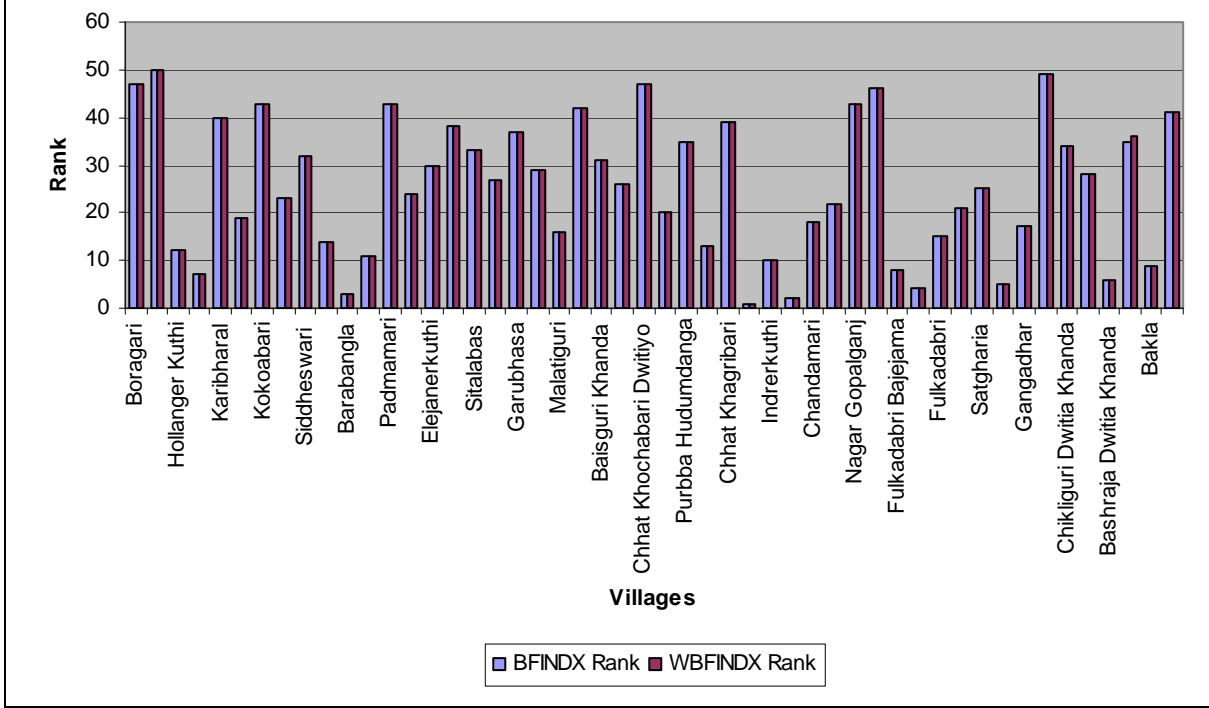
| Villages                           | Mother's Health-2<br>OTHERS |      |            |      |
|------------------------------------|-----------------------------|------|------------|------|
|                                    | MH-2-INDX                   | Rank | WMH-2-INDX | Rank |
| Boragari                           | 50.00                       | 14   | 50.00      | 14   |
| Borakhata                          | 88.19                       | 1    | 88.19      | 1    |
| Hollanger Kuthi                    | 40.63                       | 23   | 40.63      | 23   |
| Kachuban                           | 23.08                       | 32   | 23.08      | 32   |
| Karibharal                         | 0.00                        | 43   | 0.00       | 43   |
| Kharija Kakribari                  | 10.82                       | 37   | 10.82      | 37   |
| Kokoabari                          | 50.00                       | 14   | 50.00      | 14   |
| Petbhata<br>Chandanchowra          | 34.62                       | 26   | 34.62      | 26   |
| Siddheswari                        | 30.75                       | 28   | 30.75      | 28   |
| Uttar Gayargari                    | 29.41                       | 29   | 29.41      | 29   |
| Barabangla                         | 0.00                        | 43   | 0.00       | 43   |
| Kajalikura                         | 14.09                       | 35   | 14.09      | 35   |
| Padmamari                          | 0.00                        | 43   | 0.00       | 43   |
| Sonarhat                           | 50.00                       | 14   | 50.00      | 14   |
| Elejanerkuthi                      | 48.64                       | 17   | 48.64      | 17   |
| Gosainganj                         | 51.65                       | 13   | 51.65      | 13   |
| Sitalabas                          | 64.00                       | 6    | 64.00      | 6    |
| Natuarpar                          | 43.18                       | 19   | 43.18      | 19   |
| Garubhasa                          | 2.78                        | 40   | 2.78       | 40   |
| Dodumari                           | 26.79                       | 30   | 26.79      | 30   |
| Malatiguri                         | 42.86                       | 20   | 42.86      | 20   |
| Dharmabarar Kuthi                  | 84.21                       | 3    | 84.21      | 3    |
| Baisguri Khanda                    | 55.56                       | 12   | 55.56      | 12   |
| Daksin Kharija<br>Gitaldaha        | 13.16                       | 36   | 13.16      | 36   |
| Chhat Khochabari<br>Dwitiyo Khanda | 34.52                       | 27   | 34.52      | 27   |

**A8d. Ranking by mother's health-2**

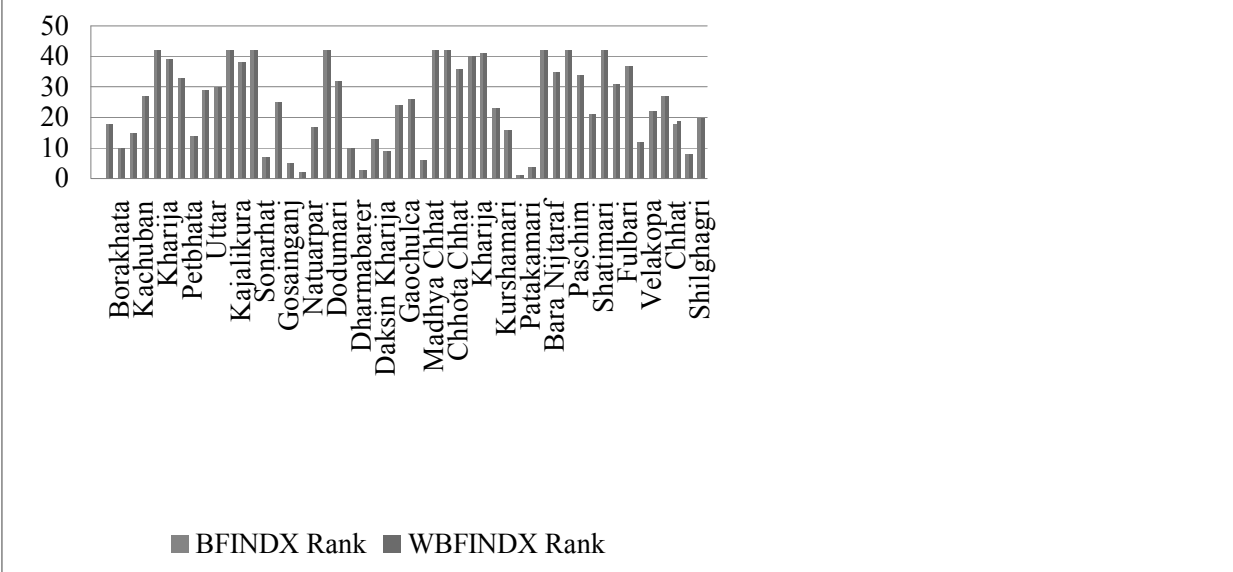
| Villages                    | Mother's Health-2-continued<br>OTHERS |      |            |      |
|-----------------------------|---------------------------------------|------|------------|------|
|                             | MH-2-INDX                             | Rank | WMH-2-INDX | Rank |
| Gaochulca                   | 42.65                                 | 21   | 42.65      | 21   |
| Purbba<br>Hudumdanga        | 44.95                                 | 18   | 44.95      | 18   |
| Madhya Chhat<br>Gopalpur    | 0.00                                  | 43   | 0.00       | 43   |
| Chhat Khagribari            | 0.00                                  | 43   | 0.00       | 43   |
| Chhota Chhat Dhan<br>Dhania | 2.27                                  | 41   | 2.27       | 41   |
| Indrekuthi                  | 2.17                                  | 42   | 2.17       | 42   |
| Kharija Ratanpur            | 5.28                                  | 39   | 5.28       | 39   |
| Chandamari                  | 25.74                                 | 31   | 25.74      | 31   |
| Kurshamari                  | 41.43                                 | 22   | 41.43      | 22   |
| Nagar Gopalganj             | 62.39                                 | 7    | 62.39      | 7    |
| Patakamari                  | 84.85                                 | 2    | 84.85      | 2    |
| Fulkadabri<br>Bajejama      | 0.00                                  | 43   | 0.00       | 43   |
| Bara Nijtaraf               | 6.25                                  | 38   | 6.25       | 38   |
| Fulkadabri                  | 0.00                                  | 43   | 0.00       | 43   |
| Paschim Gopalpur            | 17.42                                 | 33   | 17.42      | 33   |
| Satgharia                   | 56.32                                 | 11   | 56.32      | 11   |
| Shatimari                   | 0.00                                  | 43   | 0.00       | 43   |
| Gangadhar                   | 36.12                                 | 25   | 36.12      | 25   |
| Fulbari                     | 70.14                                 | 5    | 70.14      | 5    |
| Chikliguri Dwitia<br>Khanda | 59.34                                 | 9    | 59.34      | 9    |
| Velakopa Pratham<br>Khanda  | 60.00                                 | 8    | 60.00      | 8    |
| Bashraja Dwitia<br>Khanda   | 16.67                                 | 34   | 16.67      | 34   |
| Chhat Balakuthi             | 40.00                                 | 24   | 40.00      | 24   |
| Bakla                       | 58.33                                 | 10   | 58.33      | 10   |
| Shilghagri                  | 75.00                                 | 4    | 75.00      | 4    |

- Note: 1) MH-2-INDX = unweighted Index and WMH-2-INDX = weighted index  
 2) The villages are ranked in descending order by the respective index  
 3) The rank correlation between the two indices is 1 and the simple correlation between them is 1

**Fig. 10B1. Ranking by Breast Feeding Status of Mother(SC & ST)**



**Fig 10A1. Ranking by Breast Feeding Status ( Others)**



## **5.6 Breast Feeding Status by Mother (B9a-d/ A9a-d)**

The present issue is a very important component to understand the health related outcomes of children depending on whether the new born were given breast milk within the first hour of delivery and whether the child was administered exclusive breast milk for a considerable period. The responses are quite varied and it seems that despite efforts at popularizing the practice, social and other considerations continue to hinder proliferation of this practice. In fact, for some villages, breast feeding within the first hour of child birth is pretty low at 5% (Fulkadabri) or 12% (Hudumdanga), and the average is around 40%. However, the exclusivity of breast-feeding is rather high in most cases, although it never reaches 100% in any village.

Among the others category, percentage of households reporting breast milk given in the first hour of birth is not significantly different from the SC/ST groups. In villages like Borakhata, Petbhata Candanchowra, Goasiganj, Dharmabarar Kuthi etc. the incidence is roughly 40%. The exclusive breast feeding practices are correspondingly high in these villages, although the same households report relatively lower percentage in this regard. It appears that barring a few villages the degree of sensitization needs to be improved among the villagers and this goes hand in hand to the extent of development facing these villages.

**B9a. Breast feeding status of mother**

| <b>Breast Feeding Status of mother<br/>SC &amp; ST</b> |   |   |
|--|---|---|
| <b>Villages</b>  | <b>Breast<br/>feeding in<br/>first one<br/>hour</b> | <b>Exclusive<br/>Breast<br/>Feeding</b> |
| Boragari   | 0.00%   | 25.00%                                  |
| Borakhata  | 11.11%  | 0.00%                                   |
| Hollanger Kuthi  | 50.00%  | 52.17%                                  |
| Kachuban   | 57.14%  | 64.29%                                  |
| Karibharal   | 11.11%  | 33.33%                                  |
| Kharija Kakribari                                      | 50.00%  | 35.29%                                  |
| Kokoabari  | 20.00%  | 20.00%                                  |
| Petbhata Chandanchowra                                 | 44.44%  | 30.56%                                  |
| Siddheswari  | 32.26%  | 20.63%                                  |
| Uttar Gayargari  | 70.00%  | 25.00%                                  |
| Barabangla   | 93.33%  | 53.33%                                  |
| Kajalikura   | 75.00%  | 28.30%                                  |
| Padmamari  | 20.00%  | 20.00%                                  |
| Sonarhat   | 36.36%  | 36.36%                                  |
| Elejanerkuthi  | 23.68%  | 36.84%                                  |
| Gosainganj   | 29.03%  | 18.75%                                  |
| Sitalabas  | 25.64%  | 26.83%                                  |
| Natuarpar  | 18.52%  | 51.85%                                  |
| Garubhasa  | 40.91%  | 8.33%                                   |
| Dodumari   | 30.43%  | 30.43%                                  |
| Malatiguri   | 38.89%  | 55.56%                                  |
| Dharmabarar Kuthi                                      | 16.67%  | 24.14%                                  |
| Baisguri Khanda  | 33.33%  | 21.21%                                  |
| Daksin Kharija Gitaldaha                               | 38.46%  | 32.14%                                  |
| Chhat Khochabari<br>Dwitiyo Khanda                     | 15.00%  | 10.00%                                  |

**B9b. Breast feeding status of mother**

| <b>Breast Feeding Status of mother<br/>SC &amp; ST(continued)</b> |   |                                 |
|---|---|---------------------------------|
| <b>Villages</b>   | <b>Breast feeding in first one hour</b> | <b>Exclusive Breast Feeding</b> |
| Gaochulca   | 27.27%                                  | 56.52%                          |
| Purbba Hudumdanga   | 12.50%                                  | 37.50%                          |
| Madhya Chhat Gopalpur   | 55.56%                                  | 44.44%                          |
| Chhat Khagribari  | 28.57%                                  | 17.65%                          |
| Chhota Chhat Dhan Dhan  | 93.55%                                  | 93.55%                          |
| Indrerkuthi   | 69.77%                                  | 35.00%                          |
| Kharija Ratanpur  | 74.07%                                  | 92.59%                          |
| Chandamari  | 55.56%                                  | 30.56%                          |
| Kurshamari  | 50.00%                                  | 27.78%                          |
| Nagar Gopalganj   | 15.00%                                  | 25.00%                          |
| Patakamari  | 13.33%                                  | 13.33%                          |
| Fulkadabri Bajejama   | 15.63%                                  | 93.75%                          |
| Bara Nijtaraf   | 92.00%                                  | 48.00%                          |
| Fulkadabri  | 5.26%                                   | 89.47%                          |
| Paschim Gopalpur  | 55.17%                                  | 24.14%                          |
| Satgharia   | 35.48%                                  | 35.48%                          |
| Shatimari   | 50.00%                                  | 75.00%                          |
| Gangadhar   | 45.45%                                  | 42.42%                          |
| Fulbari   | 3.45%                                   | 10.34%                          |
| Chikliguri Dwitia Khanda  | 18.18%                                  | 33.33%                          |
| Velakopa Pratham Khanda   | 27.59%                                  | 41.38%                          |
| Bashraja Dwitia Khanda  | 57.14%                                  | 64.29%                          |
| Chhat Balakuthi   | 33.33%                                  | 16.67%                          |
| Bakla   | 52.94%                                  | 52.94%                          |
| Shilghagri  | 17.65%                                  | 23.53%                          |



**B9c. Ranking by breast feeding status of mother**

| <b>Breast Feeding Status of mother<br/>SC &amp; ST</b> |                |             |                 |             |
|--|----------------|-------------|-----------------|-------------|
| <b>Villages</b>  | <b>BFINDEX</b> | <b>Rank</b> | <b>WBFINDEX</b> | <b>Rank</b> |
| Boragari   | 12.50          | 47          | 12.50           | 47          |
| Borakhata  | 5.56           | 50          | 5.56            | 50          |
| Hollanger Kuthi  | 51.09          | 12          | 51.09           | 12          |
| Kachuban   | 60.71          | 7           | 60.71           | 7           |
| Karibharal   | 22.22          | 40          | 22.22           | 40          |
| Kharija Kakribari                                      | 42.65          | 19          | 42.65           | 19          |
| Kokoabari  | 20.00          | 43          | 20.00           | 43          |
| Petbhata Chandanchowra                                 | 37.50          | 23          | 37.50           | 23          |
| Siddheswari  | 26.45          | 32          | 26.45           | 32          |
| Uttar Gayargari  | 47.50          | 14          | 47.50           | 14          |
| Barabangla   | 73.33          | 3           | 73.33           | 3           |
| Kajalikura   | 51.65          | 11          | 51.65           | 11          |
| Padmamari  | 20.00          | 43          | 20.00           | 43          |
| Sonarhat   | 36.36          | 24          | 36.36           | 24          |
| Elejanerkuthi  | 30.26          | 30          | 30.26           | 30          |
| Gosainganj   | 23.89          | 38          | 23.89           | 38          |
| Sitalabas  | 26.24          | 33          | 26.24           | 33          |
| Natuarpar  | 35.19          | 27          | 35.19           | 27          |
| Garubhasa  | 24.62          | 37          | 24.62           | 37          |
| Dodumari   | 30.43          | 29          | 30.43           | 29          |
| Malatiguri   | 47.22          | 16          | 47.22           | 16          |
| Dharmabarar Kuthi                                      | 20.40          | 42          | 20.40           | 42          |
| Baisguri Khanda  | 27.27          | 31          | 27.27           | 31          |
| Daksin Kharija Gitaldaha                               | 35.30          | 26          | 35.30           | 26          |
| Chhat Khochabari Dwitiyo                               | 12.50          | 47          | 12.50           | 47          |

**B9d. Ranking by breast feeding status of mother**

| <b>Breast Feeding Status of mother<br/>SC &amp; ST(continued)</b> |               |             |                |             |
|---|---------------|-------------|----------------|-------------|
| <b>Villages</b>   | <b>BFINDX</b> | <b>Rank</b> | <b>WBFINDX</b> | <b>Rank</b> |
| Gaochulca   | 41.90         | 20          | 41.90          | 20          |
| Purbba Hudumdanga   | 25.00         | 35          | 25.00          | 35          |
| Madhya Chhat Gopalpur   | 50.00         | 13          | 50.00          | 13          |
| Chhat Khagribari  | 23.11         | 39          | 23.11          | 39          |
| Chhota Chhat Dhan Dhanian   | 93.55         | 1           | 93.55          | 1           |
| Indrekuthi  | 52.38         | 10          | 52.38          | 10          |
| Kharija Ratanpur  | 83.33         | 2           | 83.33          | 2           |
| Chandamari  | 43.06         | 18          | 43.06          | 18          |
| Kurshamari  | 38.89         | 22          | 38.89          | 22          |
| Nagar Gopalganj   | 20.00         | 43          | 20.00          | 43          |
| Patakamari  | 13.33         | 46          | 13.33          | 46          |
| Fulkadabri Bajajama   | 54.69         | 8           | 54.69          | 8           |
| Bara Nijtaraf   | 70.00         | 4           | 70.00          | 4           |
| Fulkadabri  | 47.37         | 15          | 47.37          | 15          |
| Paschim Gopalpur  | 39.66         | 21          | 39.66          | 21          |
| Satgharia   | 35.48         | 25          | 35.48          | 25          |
| Shatimari   | 62.50         | 5           | 62.50          | 5           |
| Gangadhar   | 43.94         | 17          | 43.94          | 17          |
| Fulbari   | 6.90          | 49          | 6.90           | 49          |
| Chikliguri Dwitia Khanda  | 25.76         | 34          | 25.76          | 34          |
| Velakopa Pratham Khanda   | 34.48         | 28          | 34.48          | 28          |
| Bashraja Dwitia Khanda  | 60.71         | 6           | 60.71          | 6           |
| Chhat Balakuthi   | 25.00         | 35          | 25.00          | 36          |
| Bakla   | 52.94         | 9           | 52.94          | 9           |
| Shilghagri  | 20.59         | 41          | 20.59          | 41          |

Note:

- 1) BFINDX = unweighted index and WBFINDX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.
- 3) The rank correlation and simple correlation between the 2 indices is 1.

**A9a. Breast feeding status of mother**

| <b>Breast Feeding Status of mother- OTHERS</b> |   |                                 |
|--|---|---------------------------------|
| <b>Villages</b>                                | <b>Breast feeding in first one hour</b> | <b>Exclusive Breast Feeding</b> |
| Boragari                                       | 25.00%                                  | 25.00%                          |
| Borakhata                                      | 44.44%                                  | 22.22%                          |
| Hollanger Kuthi                                | 25.00%                                  | 30.43%                          |
| Kachuban                                       | 7.14%                                   | 21.43%                          |
| Karibharal                                     | 0.00%                                   | 0.00%                           |
| Kharija Kakribari                              | 0.00%                                   | 5.88%                           |
| Kokoabari                                      | 0.00%                                   | 20.00%                          |
| Petbhata Chandanchowra                         | 30.56%                                  | 25.00%                          |
| Siddheswari                                    | 19.35%                                  | 7.94%                           |
| Uttar Gayargari                                | 25.00%                                  | 0.00%                           |
| Barabangla                                     | 0.00%                                   | 0.00%                           |
| Kajalikura                                     | 9.62%                                   | 0.00%                           |
| Padmamari                                      | 0.00%                                   | 0.00%                           |
| Sonarhat                                       | 36.36%                                  | 36.36%                          |
| Elejanerkuthi                                  | 13.16%                                  | 18.42%                          |
| Gosainganj                                     | 38.71%                                  | 37.50%                          |
| Sitalabas                                      | 28.21%                                  | 58.54%                          |
| Natuarpar                                      | 22.22%                                  | 29.63%                          |
| Garubhasa                                      | 0.00%                                   | 0.00%                           |
| Dodumari                                       | 13.04%                                  | 8.70%                           |
| Malatiguri                                     | 22.22%                                  | 44.44%                          |
| Dharmabarar Kuthi                              | 40.00%                                  | 44.83%                          |
| Baisguri Khanda                                | 30.30%                                  | 30.30%                          |
| Daksin Kharija Gitaldaha                       | 30.77%                                  | 39.29%                          |
| Chhat Khochabari Dwitiyo Khanda                | 5.00%                                   | 30.00%                          |

**A9b. Breast feeding status of mother**

| <b>Breast Feeding Status of mother- continued-OTHERS</b> |   |                                 |
|--|---|---------------------------------|
| <b>Villages</b>  | <b>Breast feeding in first one hour</b> | <b>Exclusive Breast Feeding</b> |
| Gaochulca  | 9.09%                                   | 21.74%                          |
| Purbba<br>Hudumdanga                                     | 29.17%                                  | 45.83%                          |
| Madhya Chhat<br>Gopalpur                                 | 0.00%                                   |                                 |
| Chhat Khagribari   | 0.00%                                   |                                 |
| Chhota Chhat<br>Dhan Dhanania                            | 6.45%                                   | 6.45%                           |
| Indrekuthi   | 2.33%                                   | 2.50%                           |
| Kharija Ratanpur   | 0.00%                                   | 3.70%                           |
| Chandamari   | 25.00%                                  | 13.89%                          |
| Kurshamari   | 25.00%                                  | 27.78%                          |
| Nagar Gopalganj  | 50.00%                                  | 50.00%                          |
| Patakamari   | 43.33%                                  | 33.33%                          |
| Fulkadabri<br>Bajejama                                   | 0.00%                                   |                                 |
| Bara Nijtaraf  | 8.00%                                   | 8.00%                           |
| Fulkadabri   | 0.00%                                   | 0.00%                           |
| Paschim Gopalpur   | 10.34%                                  | 6.90%                           |
| Satgharia  | 12.90%                                  | 32.26%                          |
| Shatimari  | 0.00%                                   | 0.00%                           |
| Gangadhar  | 15.15%                                  | 9.09%                           |
| Fulbari  | 3.45%                                   | 6.90%                           |
| Chikliguri Dwitia<br>Khanda                              | 18.18%                                  | 47.62%                          |
| Velakopa Pratham<br>Khanda                               | 27.59%                                  | 17.24%                          |
| Bashraja Dwitia<br>Khanda                                | 14.29%                                  | 14.29%                          |
| Chhat Balakuthi  | 33.33%                                  | 16.67%                          |
| Bakla  | 29.41%                                  | 41.18%                          |
| Shilghagri   | 17.65%                                  | 29.41%                          |

**A9c. Ranking by breast feeding status of mother**

| <b>Breast Feeding Status of mother</b> |               |             |                |             |
|--|---------------|-------------|----------------|-------------|
| <b>OTHERS</b>                          |               |             |                |             |
| <b>Villages</b>                        | <b>BFINDX</b> | <b>Rank</b> | <b>WBFINDX</b> | <b>Rank</b> |
| Boragari                               | 25.00         | 18          | 25.00          | 18          |
| Borakhata                              | 33.33         | 10          | 33.33          | 10          |
| Hollanger Kuthi                        | 27.72         | 15          | 27.72          | 15          |
| Kachuban                               | 14.29         | 27          | 14.29          | 27          |
| Karibharal                             | 0.00          | 42          | 0.00           | 42          |
| Kharija Kakribari                      | 2.94          | 39          | 2.94           | 39          |
| Kokoabari                              | 10.00         | 33          | 10.00          | 33          |
| Petbhata Chandanchowra                 | 27.78         | 14          | 27.78          | 14          |
| Siddheswari                            | 13.65         | 29          | 13.65          | 29          |
| Uttar Gayargari                        | 12.50         | 30          | 12.50          | 30          |
| Barabangla                             | 0.00          | 42          | 0.00           | 42          |
| Kajalikura                             | 4.81          | 38          | 4.81           | 38          |
| Padmamari                              | 0.00          | 42          | 0.00           | 42          |
| Sonarhat                               | 36.36         | 7           | 36.36          | 7           |
| Elejanerkuthi                          | 15.79         | 25          | 15.79          | 25          |
| Gosainganj                             | 38.10         | 5           | 38.10          | 5           |
| Sitalabas                              | 43.37         | 2           | 43.37          | 2           |
| Natuarpar                              | 25.93         | 17          | 25.93          | 17          |
| Garubhasa                              | 0.00          | 42          | 0.00           | 42          |
| Dodumari                               | 10.87         | 32          | 10.87          | 32          |
| Malatiguri                             | 33.33         | 10          | 33.33          | 10          |
| Dharmabarar Kuthi                      | 42.41         | 3           | 42.41          | 3           |
| Baisguri Khanda                        | 30.30         | 13          | 30.30          | 13          |
| Daksin Kharija Gitaldaha               | 35.03         | 9           | 35.03          | 9           |
| Chhat Khochabari                       |               |             |                |             |
| Dwitiyo Khanda                         | 17.50         | 24          | 17.50          | 24          |

**A9d. Ranking by breast feeding status of mother**

| <b>Breast Feeding Status of mother<br/>OTHERS- continued</b> |               |             |                |             |
|--|---------------|-------------|----------------|-------------|
| <b>Villages</b>  | <b>BFINDX</b> | <b>Rank</b> | <b>WBFINDX</b> | <b>Rank</b> |
| Gaochulca  | 15.42         | 26          | 15.42          | 26          |
| Purbba Hudumdanga  | 37.50         | 6           | 37.50          | 6           |
| Madhya Chhat<br>Gopalpur                                     | 0.00          | 42          | 0.00           | 42          |
| Chhat Khagribari   | 0.00          | 42          | 0.00           | 42          |
| Chhota Chhat Dhan<br>Dhania                                  | 6.45          | 36          | 6.45           | 36          |
| Indrekuthi   | 2.41          | 40          | 2.41           | 40          |
| Kharija Ratanpur   | 1.85          | 41          | 1.85           | 41          |
| Chandamari   | 19.44         | 23          | 19.44          | 23          |
| Kurshamari   | 26.39         | 16          | 26.39          | 16          |
| Nagar Gopalganj  | 50.00         | 1           | 50.00          | 1           |
| Patakamari   | 38.33         | 4           | 38.33          | 4           |
| Fulkadabri Bajajama  | 0.00          | 42          | 0.00           | 42          |
| Bara Nijtaraf  | 8.00          | 35          | 8.00           | 35          |
| Fulkadabri   | 0.00          | 42          | 0.00           | 42          |
| Paschim Gopalpur   | 8.62          | 34          | 8.62           | 34          |
| Satgharia  | 22.58         | 21          | 22.58          | 21          |
| Shatimari  | 0.00          | 42          | 0.00           | 42          |
| Gangadhar  | 12.12         | 31          | 12.12          | 31          |
| Fulbari  | 5.17          | 37          | 5.17           | 37          |
| Chikliguri Dwitia<br>Khanda                                  | 32.90         | 12          | 32.90          | 12          |
| Velakopa Pratham<br>Khanda                                   | 22.41         | 22          | 22.41          | 22          |
| Bashraja Dwitia<br>Khanda                                    | 14.29         | 27          | 14.29          | 27          |
| Chhat Balakuthi  | 25.00         | 18          | 25.00          | 19          |
| Bakla  | 35.29         | 8           | 35.29          | 8           |
| Shilghagri   | 23.53         | 20          | 23.53          | 20          |

- Note: 1) BFINDX = unweighted Index and WBFINDX = weighted index  
 2) The villages are ranked in descending order by the respective index  
 3) The rank correlation between the two indices is 1 and the simple correlation between them is 1

## **5.7 Information related to child birth (B10a-d/ A10a-d)**

The issue of institutional delivery is an extremely important measure of social exclusion at the village level. As it is common knowledge among researchers and policy makers alike, the lack of access to public hospitals, the distance covered in critical times and social norms particularly among relatively illiterate or those with strong religious beliefs, etc. dictate the extent of social exclusion with respect to health facilities in India. The villages we surveyed are no exception. We enquired about institutional delivery, of which data on deliveries in private hospitals and nursing homes vis-à-vis public hospital are computed. For the host of reason as briefly discussed above, Padmamari (100%), Madhya Chhat Gopalpur (78%), Chhat Khagribari (73%) are among the worst performers where majority of child birth is still at home aided largely by trained and untrained midwife without the presence of doctors or even trained nurses. The situation is not same everywhere, however, because in many other places child birth at hospitals varies between 10% and 60% although institutional delivery is not 100% in any of the sample villages. Importantly, however, a considerable section of the mothers belonging to SC/ST types have received some financial and other support from the JSY (Janani Suraksha Yojana) scheme of the Government of India.

For the 'others' category, Borakhata (66.67%) and Fulbari (51.85%) are among the worst performers where majority of child birth is still at home. However, there 55.56% of birth were assisted by trained midwives. The delivery in most of the cases is not assisted by either doctor or nurse. The situation is not same everywhere, however. Importantly, however, a section (0-31%) of the mothers belonging to others category have received some financial and other support from the JSY (Janani Suraksha Yojana) scheme of the

Government of India. In the villages of Borakhata, patakamari and Fulbari the childbirths are assisted by either trained midwives (where it took place in home) or by doctors and nurses.



**B10a. Information related to childbirth**

| Information related to child ---Information of child birth<br>SC & ST |                |          |                           |        |                        |        |                 |                   |        |             |                |                            |                          |        |
|---|----------------|----------|---------------------------|--------|------------------------|--------|-----------------|-------------------|--------|-------------|----------------|----------------------------|--------------------------|--------|
| Villages  | Place of Birth |          |                           |        | Assistance in Delivery |        |                 |                   |        |             |                |                            |                          | JSY    |
|   | Home           | Hospital | Pvt.Hospital/Nursing Home | Others | Doctor                 | Nurse  | Trained midwife | Untrained midwife | Others | Do not know | Doctor & Nurse | Doctor & Untrained midwife | Doctor & Trained midwife |        |
| Boragari  | 50.00%         | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 25.00%          | 25.00%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Borakhata   | 0.00%          | 11.11%   | 0.00%                     | 0.00%  | 11.11%                 | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Hollanger Kuthi   | 44.00%         | 12.00%   | 0.00%                     | 0.00%  | 0.00%                  | 12.00% | 8.00%           | 36.00%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 4.00%  |
| Kachuban  | 33.33%         | 33.33%   | 6.67%                     | 0.00%  | 0.00%                  | 26.67% | 0.00%           | 33.33%            | 0.00%  | 0.00%       | 13.33%         | 0.00%                      | 0.00%                    | 13.33% |
| Karibharal  | 88.89%         | 11.11%   | 0.00%                     | 0.00%  | 22.22%                 | 11.11% | 44.44%          | 22.22%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Kharija Kakribari   | 46.15%         | 34.62%   | 7.69%                     | 0.00%  | 19.23%                 | 3.85%  | 7.69%           | 26.92%            | 3.85%  | 0.00%       | 26.92%         | 0.00%                      | 0.00%                    | 15.38% |
| Kokoabari   | 40.00%         | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 20.00%          | 0.00%             | 20.00% | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Petbhata Chandanchowra  | 27.78%         | 33.33%   | 2.78%                     | 0.00%  | 16.22%                 | 10.81% | 0.00%           | 18.92%            | 8.11%  | 0.00%       | 8.11%          | 0.00%                      | 0.00%                    | 13.51% |
| Siddheswari   | 45.31%         | 28.13%   | 0.00%                     | 0.00%  | 7.81%                  | 1.56%  | 25.00%          | 17.19%            | 0.00%  | 0.00%       | 21.88%         | 0.00%                      | 0.00%                    | 33.33% |
| Uttar Gayargari   | 60.00%         | 10.00%   | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 20.00%          | 40.00%            | 0.00%  | 0.00%       | 10.00%         | 0.00%                      | 0.00%                    | 15.00% |
| Barabangla  | 64.29%         | 35.71%   | 0.00%                     | 0.00%  | 0.00%                  | 7.14%  | 7.14%           | 57.14%            | 0.00%  | 0.00%       | 28.57%         | 0.00%                      | 0.00%                    | 71.43% |
| Kajalikura  | 73.08%         | 15.38%   | 0.00%                     | 0.00%  | 7.69%                  | 0.00%  | 15.38%          | 40.38%            | 11.54% | 0.00%       | 13.46%         | 0.00%                      | 0.00%                    | 11.54% |
| Padmamari   | 100.00%        | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 80.00%          | 20.00%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Sonarhat  | 45.45%         | 18.18%   | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 9.09%           | 0.00%             | 36.36% | 0.00%       | 18.18%         | 0.00%                      | 0.00%                    | 0.00%  |
| Elejanerkuthi   | 56.76%         | 2.70%    | 2.70%                     | 0.00%  | 0.00%                  | 5.41%  | 2.70%           | 35.14%            | 16.22% | 2.70%       | 0.00%          | 0.00%                      | 0.00%                    | 5.41%  |
| Gosainganj  | 0.00%          | 35.48%   | 0.00%                     | 0.00%  | 9.68%                  | 6.45%  | 3.23%           | 0.00%             | 0.00%  | 0.00%       | 9.68%          | 0.00%                      | 6.45%                    | 17.24% |
| Sitalabas   | 26.92%         | 11.54%   | 2.56%                     | 0.00%  | 10.26%                 | 0.00%  | 2.56%           | 17.95%            | 7.69%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 5.41%  |
| Natuarpar   | 29.63%         | 29.63%   | 7.41%                     | 0.00%  | 29.63%                 | 3.70%  | 0.00%           | 25.93%            | 3.70%  | 0.00%       | 3.70%          | 0.00%                      | 0.00%                    | 14.81% |
| Garubhasa   | 39.13%         | 52.17%   | 4.35%                     | 0.00%  | 34.78%                 | 21.74% | 30.43%          | 8.70%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 52.17% |
| Dodumari  | 36.36%         | 22.73%   | 9.09%                     | 0.00%  | 27.27%                 | 0.00%  | 0.00%           | 36.36%            | 0.00%  | 0.00%       | 4.55%          | 0.00%                      | 0.00%                    | 13.64% |
| Malatiguri  | 47.06%         | 11.76%   | 0.00%                     | 0.00%  | 11.11%                 | 0.00%  | 0.00%           | 44.44%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Dharmabarar Kuthi   | 16.67%         | 10.00%   | 3.33%                     | 0.00%  | 0.00%                  | 0.00%  | 6.67%           | 16.67%            | 0.00%  | 0.00%       | 6.67%          | 0.00%                      | 0.00%                    | 6.67%  |
| Baisguri Khanda   | 51.52%         | 12.12%   | 3.03%                     | 0.00%  | 3.03%                  | 0.00%  | 24.24%          | 27.27%            | 0.00%  | 0.00%       | 12.12%         | 0.00%                      | 0.00%                    | 18.18% |
| Daksin Kharija Gitaldaha  | 29.63%         | 25.93%   | 7.41%                     | 0.00%  | 29.63%                 | 3.70%  | 22.22%          | 3.70%             | 0.00%  | 3.70%       | 0.00%          | 0.00%                      | 0.00%                    | 18.52% |
| Chhat Khochabari Dwitiyo Khanda                                       | 50.00%         | 10.00%   | 5.00%                     | 0.00%  | 15.00%                 | 0.00%  | 0.00%           | 50.00%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 11.11% |

## B10b. Information related to childbirth

### Information of child birth

| Villages                 | Place of Birth |          |                           |        | Assistance in Delivery |        |                 |                   |        |             |                |                            |                          | JSY    |
|--------------------------|----------------|----------|---------------------------|--------|------------------------|--------|-----------------|-------------------|--------|-------------|----------------|----------------------------|--------------------------|--------|
|                          | Home           | Hospital | Pvt.Hospital/Nursing Home | Others | Doctor                 | Nurse  | Trained midwife | Untrained midwife | Others | Do not know | Doctor & Nurse | Doctor & Untrained midwife | Doctor & Trained midwife |        |
| Gaochulca                | 50.00%         | 16.67%   | 4.17%                     | 0.00%  | 25.00%                 | 0.00%  | 12.50%          | 29.17%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 4.17%                    | 16.67% |
| Purbba Hudumdanga        | 16.67%         | 25.00%   | 4.17%                     | 8.33%  | 12.50%                 | 8.33%  | 8.33%           | 16.67%            | 0.00%  | 0.00%       | 8.33%          | 0.00%                      | 0.00%                    | 20.83% |
| Madhya Chhat Gopalpur    | 77.78%         | 18.52%   | 0.00%                     | 3.70%  | 0.00%                  | 15.38% | 7.69%           | 73.08%            | 0.00%  | 0.00%       | 3.85%          | 0.00%                      | 0.00%                    | 16.00% |
| Chhat Khagribari         | 74.29%         | 22.86%   | 2.86%                     | 0.00%  | 0.00%                  | 25.71% | 2.86%           | 71.43%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 22.86% |
| Chhota Chhat Dhan Dhan   | 54.84%         | 32.26%   | 6.45%                     | 0.00%  | 29.03%                 | 9.68%  | 0.00%           | 54.84%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 3.23%  |
| Indrerkuthi              | 86.05%         | 11.63%   | 0.00%                     | 0.00%  | 0.00%                  | 2.33%  | 76.74%          | 9.30%             | 0.00%  | 0.00%       | 9.30%          | 0.00%                      | 0.00%                    | 13.95% |
| Kharija Ratanpur         | 44.44%         | 48.15%   | 3.70%                     | 0.00%  | 46.15%                 | 0.00%  | 11.54%          | 30.77%            | 0.00%  | 0.00%       | 7.69%          | 0.00%                      | 0.00%                    | 25.93% |
| Chandamari               | 13.51%         | 54.05%   | 0.00%                     | 0.00%  | 54.05%                 | 0.00%  | 0.00%           | 13.51%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 32.43% |
| Kurshamari               | 13.89%         | 41.67%   | 2.78%                     | 0.00%  | 44.44%                 | 0.00%  | 0.00%           | 13.89%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 25.00% |
| Nagar Gopalganj          | 14.29%         | 19.05%   | 0.00%                     | 0.00%  | 4.76%                  | 0.00%  | 9.52%           | 4.76%             | 0.00%  | 0.00%       | 14.29%         | 0.00%                      | 0.00%                    | 9.52%  |
| Patakamari               | 3.57%          | 14.29%   | 0.00%                     | 0.00%  | 14.29%                 | 0.00%  | 3.57%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Fulkadabri Bajejama      | 62.50%         | 37.50%   | 0.00%                     | 0.00%  | 37.50%                 | 0.00%  | 0.00%           | 62.50%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 31.25% |
| Bara Nijtaraf            | 32.00%         | 60.00%   | 0.00%                     | 0.00%  | 56.00%                 | 0.00%  | 0.00%           | 28.00%            | 4.00%  | 0.00%       | 4.00%          | 0.00%                      | 0.00%                    | 8.00%  |
| Fulkadabri               | 74.36%         | 15.38%   | 10.26%                    | 0.00%  | 25.64%                 | 0.00%  | 0.00%           | 74.36%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 17.95% |
| Paschim Gopalpur         | 46.43%         | 25.00%   | 7.14%                     | 0.00%  | 25.00%                 | 0.00%  | 7.14%           | 35.71%            | 0.00%  | 0.00%       | 7.14%          | 3.57%                      | 0.00%                    | 10.71% |
| Satgharia                | 31.03%         | 17.24%   | 0.00%                     | 0.00%  | 17.24%                 | 0.00%  | 31.03%          | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 24.14% |
| Shatimari                | 56.25%         | 43.75%   | 0.00%                     | 0.00%  | 43.75%                 | 0.00%  | 18.75%          | 37.50%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 25.00% |
| Gangadhar                | 51.52%         | 30.30%   | 0.00%                     | 0.00%  | 30.30%                 | 0.00%  | 9.09%           | 42.42%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 36.36% |
| Fulbari                  | 3.70%          | 14.81%   | 0.00%                     | 0.00%  | 0.00%                  | 14.81% | 0.00%           | 3.70%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 11.11% |
| Chikliguri Dwitia Khanda | 20.00%         | 25.00%   | 0.00%                     | 0.00%  | 25.00%                 | 0.00%  | 5.00%           | 5.00%             | 10.00% | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 15.79% |
| Velakopa Pratham Khanda  | 24.14%         | 17.24%   | 0.00%                     | 0.00%  | 0.00%                  | 13.79% | 17.24%          | 6.90%             | 0.00%  | 0.00%       | 3.45%          | 0.00%                      | 0.00%                    | 13.79% |
| Bashraja Dwitia Khanda   | 33.33%         | 53.33%   | 0.00%                     | 0.00%  | 40.00%                 | 6.67%  | 6.67%           | 20.00%            | 0.00%  | 0.00%       | 6.67%          | 6.67%                      | 0.00%                    | 33.33% |
| Chhat Balakuthi          | 33.33%         | 33.33%   | 0.00%                     | 0.00%  | 16.67%                 | 16.67% | 0.00%           | 33.33%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Bakla                    | 23.53%         | 35.29%   | 0.00%                     | 0.00%  | 0.00%                  | 35.29% | 17.65%          | 5.88%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 17.65% |
| Shilghagri               | 18.75%         | 18.75%   | 0.00%                     | 0.00%  | 6.25%                  | 0.00%  | 6.25%           | 18.75%            | 0.00%  | 0.00%       | 6.25%          | 0.00%                      | 0.00%                    | 7.14%  |

**B10c. Ranking by information on child birth**

| Villages                        | Information of child birth<br>SC & ST |      |          |      |
|---------------------------------|---------------------------------------|------|----------|------|
|                                 | ICINDEX                               | Rank | WICINDEX | Rank |
| Boragari                        | 7.14                                  | 40   | 4.11     | 50   |
| Borakhata                       | 1.59                                  | 50   | 6.05     | 46   |
| Hollanger Kuthi                 | 8.29                                  | 37   | 7.09     | 44   |
| Kachuban                        | 11.43                                 | 21   | 14.53    | 30   |
| Karibharal                      | 14.29                                 | 11   | 15.58    | 27   |
| Kharija Kakribari               | 13.74                                 | 14   | 20.81    | 12   |
| Kokoabari                       | 5.71                                  | 45   | 4.12     | 49   |
| Petbhata Chandanchowra          | 9.97                                  | 30   | 18.15    | 17   |
| Siddheswari                     | 12.87                                 | 18   | 19.84    | 15   |
| Uttar Gayargari                 | 11.07                                 | 23   | 9.78     | 40   |
| Barabangla                      | 19.39                                 | 1    | 26.26    | 9    |
| Kajalikura                      | 13.46                                 | 17   | 13.35    | 31   |
| Padmamari                       | 14.29                                 | 11   | 10.35    | 35   |
| Sonarhat                        | 9.09                                  | 35   | 9.99     | 37   |
| Elejanerkuthi                   | 9.27                                  | 33   | 5.32     | 48   |
| Gosainganj                      | 6.30                                  | 42   | 16.47    | 23   |
| Sitalabas                       | 6.06                                  | 43   | 8.73     | 41   |
| Natuarpar                       | 10.58                                 | 26   | 20.35    | 13   |
| Garubhasa                       | 17.39                                 | 2    | 37.03    | 1    |
| Dodumari                        | 10.71                                 | 25   | 17.66    | 19   |
| Malatiguri                      | 8.17                                  | 38   | 8.42     | 42   |
| Dharmabarar Kuthi               | 4.76                                  | 47   | 5.71     | 47   |
| Baisguri Khanda                 | 10.82                                 | 24   | 11.67    | 33   |
| Daksin Kharija Gitaldaha        | 10.32                                 | 27   | 21.14    | 11   |
| Chhat Khochabari Dwitiyo Khanda | 10.08                                 | 29   | 10.91    | 34   |

**B10d. Ranking by information on child birth**

| Villages                  | Information of child birth<br>SC & ST(continued) |      |          |      |
|---------------------------|--|------|----------|------|
|                           | ICINDEX  | Rank | WICINDEX | Rank |
| Gaochulca                 | 11.31  | 22   | 16.92    | 22   |
| Purbba Hudumdanga         | 9.23   | 34   | 15.80    | 26   |
| Madhya Chhat Gopalpur     | 15.43  | 8    | 12.70    | 32   |
| Chhat Khagribari          | 15.92  | 5    | 14.75    | 29   |
| Chhota Chhat Dhan Dhanian | 13.59  | 16   | 20.19    | 14   |
| Indrerkuthi               | 14.95  | 9    | 15.37    | 28   |
| Kharija Ratanpur          | 15.60  | 6    | 32.93    | 5    |
| Chandamari                | 11.97  | 20   | 35.29    | 2    |
| Kurshamari                | 10.12  | 28   | 28.10    | 8    |
| Nagar Gopalganj           | 5.44   | 46   | 9.96     | 38   |
| Patakamari                | 2.55   | 49   | 8.20     | 43   |
| Fulkadabri Bajejama       | 16.52  | 3    | 28.38    | 7    |
| Bara Nijtaraf             | 13.71  | 15   | 34.71    | 3    |
| Fulkadabri                | 15.57  | 7    | 17.49    | 20   |
| Paschim Gopalpur          | 11.99  | 19   | 18.40    | 16   |
| Satgharia                 | 8.62   | 36   | 16.92    | 21   |
| Shatimari                 | 16.07  | 4    | 31.81    | 6    |
| Gangadhar                 | 14.29  | 11   | 25.41    | 10   |
| Fulbari                   | 3.44   | 48   | 6.67     | 45   |
| Chikliguri Dwitia Khanda  | 7.56   | 39   | 17.86    | 18   |
| Velakopa Pratham Khanda   | 6.90   | 41   | 10.04    | 36   |
| Bashraja Dwitia Khanda    | 14.76  | 10   | 33.61    | 4    |
| Chhat Balakuthi           | 9.52   | 32   | 15.94    | 25   |
| Bakla                     | 9.66   | 31   | 16.42    | 24   |
| Shilghagri                | 5.87   | 44   | 9.91     | 39   |

Note:

- 1) ICINDEX = unweighted index and WICINDEX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.
- 3) The rank correlation between the 2 indices is 0.683801 and simple correlation between them is 0.675724.

### A 10a. Information related to child birth

#### Information of child birth- others

| PLACE OF BIRTH                  |        |          |                           |        | Assistance in Delivery |        |                 |                   |        |             |                |                            |                          | JSY    |
|---------------------------------|--------|----------|---------------------------|--------|------------------------|--------|-----------------|-------------------|--------|-------------|----------------|----------------------------|--------------------------|--------|
| Villages                        | Home   | Hospital | Pvt.Hospital/Nursing Home | Others | Doctor                 | Nurse  | Trained midwife | Untrained midwife | Others | Do not know | Doctor & Nurse | Doctor & Untrained midwife | Doctor & Trained midwife |        |
| Boragari                        | 25.00% | 25.00%   | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 25.00%            | 0.00%  | 0.00%       | 25.00%         | 0.00%                      | 0.00%                    | 25.00% |
| Borakhata                       | 66.67% | 22.22%   | 0.00%                     | 0.00%  | 22.22%                 | 0.00%  | 55.56%          | 11.11%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 33.33% |
| Hollanger Kuthi                 | 40.00% | 4.00%    | 0.00%                     | 0.00%  | 4.00%                  | 0.00%  | 4.00%           | 32.00%            | 4.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 4.00%  |
| Kachuban                        | 0.00%  | 20.00%   | 6.67%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 26.67%         | 0.00%                      | 0.00%                    | 13.33% |
| Karibharal                      | 0.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Kharija Kakribari               | 0.00%  | 11.54%   | 0.00%                     | 0.00%  | 7.69%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 3.85%          | 0.00%                      | 0.00%                    | 3.85%  |
| Kokoabari                       | 0.00%  | 60.00%   | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 60.00%         | 0.00%                      | 0.00%                    | 0.00%  |
| Petbhata Chandancho             | 25.00% | 11.11%   | 0.00%                     | 0.00%  | 0.00%                  | 5.41%  | 2.70%           | 24.32%            | 0.00%  | 0.00%       | 5.41%          | 0.00%                      | 0.00%                    | 0.00%  |
| Siddheswari                     | 12.50% | 14.06%   | 0.00%                     | 0.00%  | 0.00%                  | 1.56%  | 9.38%           | 3.13%             | 0.00%  | 0.00%       | 12.50%         | 0.00%                      | 0.00%                    | 12.70% |
| Uttar Gayargari                 | 30.00% | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 10.00%          | 20.00%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Barabangla                      | 0.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Kajalikura                      | 11.54% | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 3.85%           | 7.69%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Padmamari                       | 0.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Sonarhat                        | 36.36% | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 9.09%           | 27.27%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 16.67% |
| Elejanerkuthi                   | 29.73% | 8.11%    | 0.00%                     | 0.00%  | 5.41%                  | 8.11%  | 0.00%           | 24.32%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 2.70%  |
| Gosainganj                      | 19.35% | 45.16%   | 0.00%                     | 0.00%  | 25.81%                 | 6.45%  | 9.68%           | 12.90%            | 0.00%  | 0.00%       | 9.68%          | 0.00%                      | 0.00%                    | 31.03% |
| Sitalabas                       | 33.33% | 23.08%   | 2.56%                     | 0.00%  | 23.08%                 | 5.13%  | 15.38%          | 10.26%            | 5.13%  | 0.00%       | 0.00%          | 0.00%                      | 2.56%                    | 8.11%  |
| Natuarpar                       | 0.00%  | 22.22%   | 11.11%                    | 0.00%  | 11.11%                 | 14.81% | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 7.41%          | 0.00%                      | 0.00%                    | 7.41%  |
| Garubhasa                       | 4.35%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 4.35%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 4.35%  |
| Dodumari                        | 13.64% | 18.18%   | 0.00%                     | 0.00%  | 4.55%                  | 4.55%  | 0.00%           | 13.64%            | 0.00%  | 0.00%       | 9.09%          | 0.00%                      | 0.00%                    | 4.55%  |
| Malatiguri                      | 35.29% | 5.88%    | 0.00%                     | 0.00%  | 5.56%                  | 0.00%  | 0.00%           | 33.33%            | 0.00%  | 5.56%       | 0.00%          | 0.00%                      | 0.00%                    | 5.56%  |
| Dharmabarar Kuthi               | 40.00% | 30.00%   | 0.00%                     | 0.00%  | 13.33%                 | 0.00%  | 0.00%           | 33.33%            | 6.67%  | 0.00%       | 16.67%         | 0.00%                      | 0.00%                    | 23.33% |
| Baisguri Khanda                 | 24.24% | 6.06%    | 0.00%                     | 3.03%  | 6.06%                  | 0.00%  | 18.18%          | 9.09%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 6.06%  |
| Daksin Kharija Gitaldaha        | 37.04% | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 37.04%          | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Chhat Khochabari Dwitiyo Khanda | 25.00% | 10.00%   | 0.00%                     | 0.00%  | 10.00%                 | 0.00%  | 0.00%           | 25.00%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 11.11% |

**A 10b. Information related to child birth**  
**Information of child birth- others- continued**

| PLACE OF BIRTH           |        |          |                           |        | Assistance in Delivery |        |                 |                   |        |             |                |                            |                          | JSY    |
|--------------------------|--------|----------|---------------------------|--------|------------------------|--------|-----------------|-------------------|--------|-------------|----------------|----------------------------|--------------------------|--------|
| Villages                 | Home   | Hospital | Pvt.Hospital/Nursing Home | Others | Doctor                 | Nurse  | Trained midwife | Untrained midwife | Others | Do not know | Doctor & Nurse | Doctor & Untrained midwife | Doctor & Trained midwife |        |
| Gaochulca                | 8.33%  | 16.67%   | 4.17%                     | 0.00%  | 16.67%                 | 0.00%  | 0.00%           | 8.33%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 4.17%                    | 4.17%  |
| Purbba Hudumdanga        | 20.83% | 25.00%   | 0.00%                     | 0.00%  | 4.17%                  | 16.67% | 0.00%           | 16.67%            | 4.17%  | 0.00%       | 4.17%          | 0.00%                      | 0.00%                    | 12.50% |
| Madhya Chhat Gopalpur    | 0.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Chhat Khagribari         | 0.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Chhota Chhat Dhan Dhan   | 6.45%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 6.45%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Indrekuthi               | 2.33%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 2.33%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Kharija Ratanpur         | 0.00%  | 3.70%    | 0.00%                     | 0.00%  | 3.85%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Chandamari               | 13.51% | 18.92%   | 0.00%                     | 0.00%  | 18.92%                 | 0.00%  | 2.70%           | 10.81%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 8.11%  |
| Kurshamari               | 16.67% | 25.00%   | 0.00%                     | 0.00%  | 25.00%                 | 0.00%  | 0.00%           | 16.67%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 5.56%  |
| Nagar Gopalganj          | 47.62% | 4.76%    | 14.29%                    | 0.00%  | 4.76%                  | 0.00%  | 38.10%          | 9.52%             | 0.00%  | 0.00%       | 14.29%         | 0.00%                      | 0.00%                    | 23.81% |
| Patakamari               | 35.71% | 42.86%   | 3.57%                     | 0.00%  | 46.43%                 | 0.00%  | 10.71%          | 25.00%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 14.29% |
| Fulkadabri Bajejama      | 0.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Bara Nijtaraf            | 8.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 8.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Fulkadabri               | 0.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Paschim Gopalpur         | 3.57%  | 17.86%   | 0.00%                     | 0.00%  | 17.86%                 | 0.00%  | 3.57%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Satgharia                | 41.38% | 6.90%    | 3.45%                     | 0.00%  | 10.34%                 | 0.00%  | 0.00%           | 41.38%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 6.90%  |
| Shatimari                | 0.00%  | 0.00%    | 0.00%                     | 0.00%  | 0.00%                  | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Gangadhar                | 0.00%  | 15.15%   | 3.03%                     | 0.00%  | 18.18%                 | 0.00%  | 0.00%           | 0.00%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 9.09%  |
| Fulbari                  | 51.85% | 25.93%   | 3.70%                     | 0.00%  | 0.00%                  | 29.63% | 0.00%           | 51.85%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 14.81% |
| Chikliguri Dwitia Khanda | 30.00% | 25.00%   | 0.00%                     | 0.00%  | 25.00%                 | 0.00%  | 0.00%           | 30.00%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 21.05% |
| Velakopa Pratham Khanda  | 41.38% | 13.79%   | 3.45%                     | 0.00%  | 17.24%                 | 0.00%  | 20.69%          | 17.24%            | 3.45%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 27.59% |
| Bashraja Dwitia Khanda   | 6.67%  | 6.67%    | 0.00%                     | 0.00%  | 6.67%                  | 0.00%  | 0.00%           | 6.67%             | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Chhat Balakuthi          | 16.67% | 16.67%   | 0.00%                     | 0.00%  | 16.67%                 | 0.00%  | 0.00%           | 16.67%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 0.00%  |
| Bakla                    | 29.41% | 11.76%   | 0.00%                     | 0.00%  | 0.00%                  | 11.76% | 17.65%          | 11.76%            | 0.00%  | 0.00%       | 0.00%          | 0.00%                      | 0.00%                    | 5.88%  |
| Shilghagri               | 25.00% | 37.50%   | 0.00%                     | 0.00%  | 6.25%                  | 12.50% | 0.00%           | 25.00%            | 0.00%  | 0.00%       | 18.75%         | 0.00%                      | 0.00%                    | 21.43% |

**A 10c. Ranking by Information related to child birth**

| Villages                                 | Information of child birth<br>OTHERS |      |         |      |
|--|--------------------------------------|------|---------|------|
|  | ICINDX                               | Rank | WICINDX | Rank |
| Boragari                                 | 8.93                                 | 11   | 17.48   | 11   |
| Borakhata                                | 15.08                                | 1    | 31.22   | 1    |
| Hollanger<br>Kuthi                       | 6.57                                 | 15   | 14.89   | 14   |
| Kachuban                                 | 4.76                                 | 28   | 6.01    | 32   |
| Karibharal                               | 0.00                                 | 43   | 0.00    | 43   |
| Kharija<br>Kakribari                     | 1.92                                 | 35   | 3.16    | 37   |
| Kokoabari                                | 8.57                                 | 12   | 8.49    | 28   |
| Petbhata<br>Chandanchowra                | 5.28                                 | 24   | 10.37   | 22   |
| Siddheswari                              | 4.70                                 | 30   | 8.39    | 29   |
| Uttar Gayargari                          | 4.29                                 | 32   | 9.56    | 26   |
| Barabangla                               | 0.00                                 | 43   | 0.00    | 43   |
| Kajalikura                               | 1.65                                 | 37   | 3.68    | 36   |
| Padmamari                                | 0.00                                 | 43   | 0.00    | 43   |
| Sonarhat                                 | 6.39                                 | 17   | 15.39   | 13   |
| Elejanerkuthi                            | 5.60                                 | 21   | 11.99   | 20   |
| Gosainganj                               | 11.43                                | 5    | 21.94   | 6    |
| Sitalabas                                | 9.19                                 | 10   | 16.99   | 12   |
| Natuarpar                                | 5.29                                 | 22   | 6.72    | 31   |
| Garubhasa                                | 0.93                                 | 39   | 2.42    | 39   |
| Dodumari                                 | 4.87                                 | 27   | 8.77    | 27   |
| Malatiguri                               | 6.51                                 | 16   | 14.35   | 15   |
| Dharmabarar<br>Kuthi                     | 11.67                                | 4    | 23.65   | 4    |
| Baisguri<br>Khanda                       | 5.19                                 | 26   | 10.13   | 23   |
| Daksin Kharija<br>Gitaldaha              | 5.29                                 | 22   | 10.06   | 24   |
| Chhat<br>Khochabari<br>Dwitiyo<br>Khanda | 5.79                                 | 20   | 13.27   | 17   |

**A 10d. Ranking by Information related to child birth**

| Villages                     | Information of child birth<br>OTHERS- continued |      |          |      |
|------------------------------|---|------|----------|------|
|                              | ICINDEX   | Rank | WICINDEX | Rank |
| Gaochulca                    | 4.46  | 31   | 7.77     | 30   |
| Purbba<br>Hudumdanga         | 7.44  | 14   | 13.94    | 16   |
| Madhya Chhat<br>Gopalpur     | 0.00  | 43   | 0.00     | 43   |
| Chhat<br>Khagribari          | 0.00  | 43   | 0.00     | 43   |
| Chhota Chhat<br>Dhan Dhanian | 0.92  | 40   | 2.21     | 40   |
| Indrekuthi                   | 0.33  | 42   | 0.63     | 42   |
| Kharija Ratanpur             | 0.54  | 41   | 0.87     | 41   |
| Chandamari                   | 5.21  | 25   | 10.56    | 21   |
| Kurshamari                   | 6.35  | 18   | 12.69    | 18   |
| Nagar Gopalganj              | 11.22   | 6    | 20.49    | 8    |
| Patakamari                   | 12.76   | 2    | 24.96    | 3    |
| Fulkadabri<br>Bajejama       | 0.00  | 43   | 0.00     | 43   |
| Bara Nijtaraf                | 1.14  | 38   | 2.74     | 38   |
| Fulkadabri                   | 0.00  | 43   | 0.00     | 43   |
| Paschim<br>Gopalpur          | 3.06  | 34   | 5.11     | 34   |
| Satgharia                    | 7.88  | 13   | 17.71    | 10   |
| Shatimari                    | 0.00  | 43   | 0.00     | 43   |
| Gangadhar                    | 3.25  | 33   | 5.88     | 33   |
| Fulbari                      | 12.70   | 3    | 25.71    | 2    |
| Chikliguri<br>Dwitia Khanda  | 9.36  | 9    | 20.59    | 7    |
| Velakopa<br>Pratham Khanda   | 10.34   | 8    | 22.04    | 5    |
| Bashraja Dwitia<br>Khanda    | 1.90  | 36   | 3.83     | 35   |
| Chhat Balakuthi              | 4.76  | 28   | 9.57     | 25   |
| Bakla                        | 6.30  | 19   | 12.12    | 19   |
| Shilghagri                   | 10.46   | 7    | 19.44    | 9    |

Note: 1) ICINDEX = unweighted Index and WICINDEX = weighted index

2) The villages are ranked in descending order by the respective index

3) The rank correlation between the two indices is 0.972621 and the simple correlation between them is 0.978525



## **5.8 Administering Vitamin among Infants (B11a-b / A11a-b)**

The villages of Gangadhar, Bashraja Dwitiya khanda etc rank as top places where the regularity and coverage of vitamin dose administered to infants between age of 9-59 months is the best. The villages of Paschim Gopalpur, Bara Nijtaraf, Indrerakuthi rank 3, 4 and 5 subsequently. On the other side, Patakamari, Borakhata, Kokoabari etc fare low in the ranks displaying that vitamin dose to the target group has not been significantly high. There may be several reasons, however, why the application of vitamin dose is not high in several places. A clearer picture would emerge on the extent of participation and intervention if we normalize village population by number of respective children in each village. This is an additional exercise we would consider in future.

For the non SC/ST category, the ranking offers a completely different picture. Most villages that rank very high for SC/ST types, show extremely low participation for the other groups. It seems that in many of the SC/ST villages the share of these communities is overwhelmingly high, such that the other community in predominantly SC/ST villages are often left out of different interventionist policies practiced by the government. Thus Nagar Gopalganj, Borakhata, Patakamari, Kokoabari rank among the top 5 villages with regard to availability of vitamin doses among the infants.

**B11a. Table and Ranking by Vitamin Dose for children (9-59 months)**

| <b>Children Vitamin Dose(9Months to 59 motnths)<br/>SC &amp; ST</b> |                |             |
|---|----------------|-------------|
| <b>Villages</b>   | <b>VDINDEX</b> | <b>Rank</b> |
| Boragari  | 50.00          | 14          |
| Borakhata   | 0.00           | 44          |
| Hollanger Kuthi   | 52.38          | 13          |
| Kachuban  | 33.33          | 27          |
| Karibharal  | 0.00           | 44          |
| Kharija Kakribari   | 53.33          | 11          |
| Kokoabari   | 0.00           | 44          |
| Petbhata Chandanchowra  | 43.48          | 22          |
| Siddheswari   | 43.48          | 22          |
| Uttar Gayargari   | 35.71          | 26          |
| Barabangla  | 55.56          | 8           |
| Kajalikura  | 55.26          | 9           |
| Padmamari   | 25.00          | 32          |
| Sonarhat  | 71.43          | 4           |
| Elejanerkuthi   | 26.67          | 31          |
| Gosainganj  | 28.57          | 30          |
| Sitalabas   | 16.13          | 37          |
| Natuarpar   | 48.00          | 17          |
| Garubhasa   | 25.00          | 32          |
| Dodumari  | 43.75          | 21          |
| Malatiguri  | 46.15          | 19          |
| Dharmabarar Kuthi   | 15.00          | 39          |
| Baisguri Khanda   | 53.85          | 10          |
| Daksin Kharija Gitaldaha  | 47.37          | 18          |
| Chhat Khochabari Dwitiyo  | 0.00           | 44          |

**B11b. Table and Ranking by Vitamin Dose for children (9-59 months)**

| <b>Children Vitamin Dose(9Months to 59 motnths)<br/>SC &amp; ST(continued)</b> |                |             |
|--|----------------|-------------|
| <b>Villages</b>  | <b>VDINDEX</b> | <b>Rank</b> |
| Gaochulca  | 20.00          | 36          |
| Purbba Hudumdanga  | 5.00           | 43          |
| Madhya Chhat Gopalpur  | 0.00           | 44          |
| Chhat Khagribari   | 46.15          | 19          |
| Chhota Chhat Dhan Dhanania   | 50.00          | 14          |
| Indrerakuthi   | 71.05          | 5           |
| Kharija Ratanpur   | 52.63          | 12          |
| Chandamari   | 6.45           | 42          |
| Kurshamari   | 13.33          | 40          |
| Nagar Gopalganj  | 30.77          | 29          |
| Patakamari   | 0.00           | 44          |
| Fulkadabri Bajejama  | 16.00          | 38          |
| Bara Nijtaraf  | 59.09          | 7           |
| Fulkadabri   | 0.00           | 44          |
| Paschim Gopalpur   | 78.26          | 3           |
| Satgharia  | 23.08          | 34          |
| Shatimari  | 63.64          | 6           |
| Gangadhar  | 80.00          | 1           |
| Fulbari  | 7.14           | 41          |
| Chikliguri Dwitia Khanda   | 37.50          | 24          |
| Velakopa Pratham Khanda  | 22.73          | 35          |
| Bashraja Dwitia Khanda   | 80.00          | 1           |
| Chhat Balakuthi  | 50.00          | 14          |
| Bakla  | 36.36          | 25          |
| Shilghagri   | 33.33          | 27          |

Note:

- 1) VDINDEX = unweighted index and WVDINDEX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.

**A 11a. Vitamin Dose of children (9-59months)**

| <b>Children Vitamin Dose(9Months to 59 months)<br/>OTHERS</b> |                |             |
|---|----------------|-------------|
| <b>Villages</b>   | <b>VDINDEX</b> | <b>Rank</b> |
| Borakhata   | 66.67          | 3           |
| Hollanger Kuthi   | 42.86          | 9           |
| Kachuban  | 0.00           | 37          |
| Karibharal  | 0.00           | 37          |
| Kharija Kakribari   | 13.33          | 27          |
| Kokoabari   | 66.67          | 3           |
| Petbhata Chandanchowra  | 21.74          | 20          |
| Siddheswari   | 15.22          | 24          |
| Uttar Gayargari   | 21.43          | 22          |
| Barabangla  | 0.00           | 37          |
| Kajalikura  | 7.89           | 33          |
| Padmamari   | 0.00           | 37          |
| Sonarhat  | 14.29          | 25          |
| Elejanerkuthi   | 23.33          | 17          |
| Gosainganj  | 57.14          | 5           |
| Sitalabas   | 35.48          | 13          |
| Natuarpar   | 36.00          | 12          |
| Garubhasa   | 0.00           | 37          |
| Dodumari  | 12.50          | 29          |
| Malatiguri  | 23.08          | 18          |
| Dharmabarar Kuthi   | 45.00          | 6           |
| Baisguri Khanda   | 15.38          | 23          |
| Daksin Kharija Gitaldaha                                      | 42.11          | 10          |
| Chhat Khochabari<br>Dwitiyo Khanda                            | 0.00           | 37          |

**A 11b. Vitamin Dose of children (9-59months)**

| <b>Children Vitamin -continued-Dose(9Months to 59 months)</b> |                |             |
|---|----------------|-------------|
| <b>OTHERS</b>   |                |             |
| <b>Villages</b>   | <b>VDINDEX</b> | <b>Rank</b> |
| Gaochulca   | 30.00          | 16          |
| Purbba Hudumdanga   | 5.00           | 35          |
| Madhya Chhat Gopalpur   | 0.00           | 37          |
| Chhat Khagribari  | 0.00           | 37          |
| Chhota Chhat Dhan Dhan  | 0.00           | 37          |
| Indrekuthi  | 2.63           | 36          |
| Kharija Ratanpur  | 5.26           | 34          |
| Chandamari  | 9.68           | 32          |
| Kurshamari  | 10.00          | 30          |
| Nagar Gopalganj   | 69.23          | 1           |
| Patakamari  | 66.67          | 2           |
| Fulkadabri Bajejama   | 0.00           | 37          |
| Bara Nijtaraf   | 0.00           | 37          |
| Fulkadabri  | 0.00           | 37          |
| Paschim Gopalpur  | 21.74          | 20          |
| Satgharia   | 34.62          | 14          |
| Shatimari   | 0.00           | 37          |
| Gangadhar   | 13.33          | 27          |
| Fulbari   | 14.29          | 25          |
| Chikliguri Dwitia Khanda                                      | 43.75          | 8           |
| Velakopa Pratham Khanda                                       | 22.73          | 19          |
| Bashraja Dwitia Khanda  | 10.00          | 30          |
| Chhat Balakuthi   | 33.33          | 15          |
| Bakla   | 36.36          | 11          |
| Shilghagri  | 44.44          | 7           |

Note: 1) VDINDEX = Index  
 2) The villages are ranked in descending order by the respective index

## **5.9 Land and Other Assets (B12a-d/ A12a-d)**

The following tables describe the land and other assets of the households surveyed. The average land holding size across villages is less than one bigha, of which not unexpectedly the larger proportion is self-cultivated. The publicly provided irrigation facility is almost absent in most villages and we observed that the irrigation support usually comes from the owned ponds (the average pond size as percentage of land owned is 5%). Interestingly, unlike the usual cases of land related indebtedness in rural West Bengal, the present district level study shows that the mortgaged land percentage is quite low across villages. The village of Boragari ranks 1 in terms of the land and other resources, closely followed by Padmamari, Chaat Kahagribari etc. However, it is not unexpected that the ownership of land and other resources is relatively less among SC/STs as compared to other communities. Tables A12a-d describe the land and other assets in the non-SC/ST households surveyed. The average land holding size across villages is less than one bigha, of which not unexpectedly the larger proportion is self-cultivated. One also witnesses several 'no responses' in terms of irrigation facilities and mortgaged land across both communities.

It implies that a significant share of the population works as agricultural labour. Similarly as in the previous case, publicly provided irrigation facility is almost absent in most villages and we observed that the irrigation support usually comes from the owned ponds (the average pond size as percentage of land owned is 2%). The village of Shatimari ranks 1 in terms of the land and other resources, closely followed by Patakamari and Bara Nijtaraf etc. Villages where land assets and access to irrigation facilities are quite low include Malatiguri, Chhoto Chhat Dhan Dhanian, Kajalikura, Kurshamari etc.

**B12a. Land and other assets**

| Land and other assets<br>SC & ST |                        |                |                |                 |                   |                    |   |                |                |                 |                   |                    |        |
|----------------------------------|------------------------|----------------|----------------|-----------------|-------------------|--------------------|---|----------------|----------------|-----------------|-------------------|--------------------|--------|
| Villages                         | Total Land (in bighas) |                |                |                 |                   |                    | Land with Irrigation Facility (in bighas) |                |                |                 |                   |                    | Pond   |
|                                  | Own Land               | Own Cultivated | Leased in Land | Leased out Land | Mortgaged in Land | Mortgaged out Land | Own Land                                  | Own Cultivated | Leased in Land | Leased out Land | Mortgaged in Land | Mortgaged out Land |        |
| Boragari                         | 3.97                   | 0.25           | 0.42           | 0.00            | 0.00              | 0.17               | 0.00                                      | 2.00           | 0.00           | 0.42            | 0.00              | 0.00               | 33.33% |
| Borakhata                        | 0.25                   | 0.60           | 0.60           | 0.00            | 0.10              | 0.00               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00%  |
| Hollanger Kuthi                  | 0.84                   | 1.04           | 0.01           | 0.00            | 0.00              | 0.01               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 4.55%  |
| Kachuban                         | 0.45                   | 0.85           | 0.24           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 2.33%  |
| Karibharal                       | 0.35                   | 0.08           | 0.00           | 0.42            | 0.00              | 0.00               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00%  |
| Kharija Kakribari                | 0.47                   | 0.57           | 0.05           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 4.65%  |
| Kokoabari                        | 1.12                   | 3.07           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 5.88%  |
| Petbhata Chandanchowra           | 0.49                   | 0.95           | 0.05           | 0.00            | 0.00              | 0.01               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 1.59%  |
| Siddheswari                      | 0.24                   | 1.54           | 0.00           | 0.02            | 0.06              | 0.09               | 0.00                                      | 0.32           | 0.00           | 0.00            | 0.00              | 0.00               | 4.64%  |
| Uttar Gayargari                  | 0.27                   | 0.96           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 3.03%  |
| Barabangla                       | 0.63                   | 0.78           | 0.09           | 0.00            | 0.25              | 0.01               | 0.00                                      | 0.00           | 0.00           | 0.00            | 0.00              | 0.00               | 8.82%  |
| Kajalikura                       | 0.38                   | 1.23           | 0.09           | 0.03            | 0.01              | 0.00               | 0.00                                      | 0.00           | 0.02           | 0.00            | 0.01              | 0.00               | 2.86%  |
| Padmamari                        | 0.79                   | 2.21           | 0.05           | 0.00            | 0.03              | 0.25               | 0.00                                      | 3.08           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00%  |
| Sonarhat                         | 0.62                   | 4.41           | 0.00           | 0.00            | 0.00              | 0.10               | 0.00                                      | 1.20           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00%  |
| Elejanerkuthi                    | 0.43                   | 2.11           | 0.31           | 0.00            | 0.06              | 0.00               | 0.00                                      | 0.64           | 0.13           | 0.00            | 0.06              | 0.00               | 4.17%  |
| Gosainganj                       | 0.24                   | 1.25           | 0.20           | 0.00            | 0.00              | 0.15               | 0.00                                      | 1.10           | 0.20           | 0.00            | 0.00              | 0.00               | 0.00%  |
| Sitalabas                        | 0.34                   | 1.83           | 0.11           | 0.11            | 0.11              | 0.00               | 0.00                                      | 0.28           | 0.00           | 0.00            | 0.00              | 0.00               | 4.17%  |
| Natuarpar                        | 0.37                   | 0.91           | 0.50           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.11           | 0.00           | 0.00            | 0.00              | 0.00               | 13.04% |
| Garubhasa                        | 0.34                   | 0.85           | 0.05           | 0.00            | 0.00              | 0.00               | 0.05                                      | 0.16           | 0.05           | 0.00            | 0.00              | 0.00               | 0.00%  |
| Dodumari                         | 0.49                   | 1.99           | 0.09           | 0.00            | 0.06              | 0.00               | 0.00                                      | 1.06           | 0.06           | 0.00            | 0.06              | 0.00               | 8.33%  |
| Malatiguri                       | 0.29                   | 0.62           | 0.00           | 0.00            | 0.00              | 0.00               | 0.25                                      | 0.08           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00%  |
| Dharmabarar Kuthi                | 0.57                   | 1.83           | 0.00           | 0.00            | 0.00              | 0.00               | 0.17                                      | 0.83           | 0.00           | 0.00            | 0.00              | 0.00               | 4.17%  |
| Baisguri Khanda                  | 0.37                   | 2.13           | 0.03           | 0.02            | 0.57              | 0.02               | 0.00                                      | 1.95           | 0.03           | 0.02            | 0.12              | 0.00               | 4.00%  |
| Daksin Kharija Gitaldaha         | 0.38                   | 1.44           | 0.32           | 0.00            | 0.03              | 0.00               | 0.00                                      | 0.41           | 0.00           | 0.00            | 0.03              | 0.00               | 4.17%  |
| Chhat Khochabari Dwitiyo Khanda  | 0.25                   | 0.58           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.08           | 0.00           | 0.00            | 0.00              | 0.00               | 0.00%  |

**B12b. Land and other assets**

| Land and other assets<br>SC & ST (continued) |                        |                     |                |                 |                    |                     |   |                     |                |                 |                    |                     |        |
|--|------------------------|---------------------|----------------|-----------------|--------------------|---------------------|---|---------------------|----------------|-----------------|--------------------|---------------------|--------|
| Villages                                     | Total Land (in bighas) |                     |                |                 |                    |                     | Land with Irrigation Facility (in bighas) |                     |                |                 |                    |                     | Pond   |
|  | Own Land               | Own Cultivated Land | Leased in Land | Leased out Land | Mortgage d in Land | Mortgage d out Land | Own Land                                  | Own Cultivated Land | Leased in Land | Leased out Land | Mortgage d in Land | Mortgage d out Land |        |
| Gaochulca                                    | 0.22                   | 0.22                | 0.17           | 0.00            | 0.00               | 0.05                | 0.03                                      | 0.10                | 0.17           | 0.00            | 0.00               | 0.00                | 4.17%  |
| Purbba Hudumdanga                            | 0.26                   | 0.97                | 0.07           | 0.00            | 0.25               | 0.23                | 0.00                                      | 0.00                | 0.04           | 0.00            | 0.00               | 0.00                | 4.17%  |
| Madhya Chhat Gopalpur                        | 0.64                   | 3.33                | 0.00           | 0.00            | 0.83               | 0.19                | 0.00                                      | 0.18                | 0.00           | 0.00            | 0.04               | 0.00                | 20.00% |
| Chhat Khagribari                             | 0.43                   | 2.08                | 0.00           | 0.04            | 0.18               | 0.16                | 0.00                                      | 1.96                | 0.00           | 0.04            | 0.16               | 0.13                | 0.00%  |
| Chhota Chhat Dhan Dhan                       | 1.70                   | 1.37                | 0.00           | 0.00            | 0.00               | 0.09                | 0.09                                      | 0.48                | 0.00           | 0.00            | 0.00               | 0.09                | 4.17%  |
| Indrekuthi                                   | 0.45                   | 2.38                | 0.00           | 0.00            | 0.01               | 0.00                | 0.00                                      | 1.85                | 0.00           | 0.00            | 0.00               | 0.00                | 0.00%  |
| Kharija Ratanpur                             | 0.26                   | 0.48                | 0.13           | 0.00            | 0.00               | 0.00                | 0.00                                      | 0.48                | 0.13           | 0.00            | 0.00               | 0.00                | 12.50% |
| Chandamari                                   | 0.34                   | 0.35                | 0.18           | 0.00            | 0.00               | 0.00                | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00               | 0.00                | 0.00%  |
| Kurshamari                                   | 0.42                   | 1.54                | 0.00           | 0.00            | 0.00               | 0.00                | 0.00                                      | 1.46                | 0.00           | 0.00            | 0.00               | 0.00                | 0.00%  |
| Nagar Gopalganj                              | 0.77                   | 0.67                | 0.00           | 0.00            | 0.08               | 0.08                | 0.00                                      | 0.33                | 0.00           | 0.00            | 0.08               | 0.08                | 0.00%  |
| Patakamari                                   | 0.82                   | 0.00                | 1.00           | 0.00            | 0.00               | 0.00                | 0.00                                      | 0.00                | 1.00           | 0.00            | 0.00               | 0.00                | 0.00%  |
| Fulkadabri Bajejama                          | 0.26                   | 2.28                | 0.58           | 0.00            | 0.10               | 0.00                | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00               | 0.00                | 16.67% |
| Bara Nijtaraf                                | 0.54                   | 1.50                | 0.09           | 0.00            | 0.00               | 0.11                | 0.00                                      | 1.48                | 0.09           | 0.00            | 0.00               | 0.11                | 4.17%  |
| Fulkadabri                                   | 0.37                   | 3.92                | 0.17           | 0.42            | 0.00               | 0.02                | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00               | 0.00                | 12.50% |
| Paschim Gopalpur                             | 0.40                   | 2.10                | 0.00           | 0.00            | 0.10               | 0.05                | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00               | 0.00                | 25.00% |
| Satgharia                                    | 0.40                   | 0.68                | 0.50           | 0.00            | 0.00               | 0.32                | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00               | 0.00                | 0.00%  |
| Shatimari                                    | 0.42                   | 1.68                | 0.44           | 0.00            | 0.15               | 0.00                | 0.00                                      | 1.51                | 0.40           | 0.00            | 0.15               | 0.00                | 0.00%  |
| Gangadhar                                    | 0.40                   | 1.56                | 0.00           | 0.00            | 0.11               | 0.00                | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00               | 0.03                | 0.00%  |
| Fulbari                                      | 0.05                   | 0.20                | 0.00           | 0.00            | 0.20               | 0.00                | 0.00                                      | 0.20                | 0.00           | 0.00            | 0.20               | 0.00                | 0.00%  |
| Chikliguri Dwitia Khanda                     | 0.48                   | 1.72                | 0.09           | 0.00            | 0.00               | 0.00                | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00               | 0.00                | 13.04% |
| Velakopa Pratham Khanda                      | 0.72                   | 2.39                | 0.08           | 0.13            | 0.00               | 0.00                | 0.50                                      | 0.42                | 0.50           | 0.00            | 0.00               | 0.00                | 4.00%  |
| Bashraja Dwitia Khanda                       | 0.33                   | 0.37                | 0.21           | 0.00            | 0.00               | 0.00                | 0.00                                      | 0.13                | 0.05           | 0.00            | 0.00               | 0.00                | 0.00%  |
| Chhat Balakuthi                              | 1.39                   | 0.12                | 0.00           | 0.00            | 0.00               | 0.00                | 0.00                                      | 0.12                | 0.00           | 0.00            | 0.00               | 0.00                | 0.00%  |
| Bakla  | 0.46                   | 1.25                | 0.36           | 0.00            | 0.00               | 0.07                | 0.00                                      | 1.04                | 0.36           | 0.00            | 0.00               | 0.04                | 8.33%  |
| Shilghagri                                   | 0.25                   | 0.88                | 0.50           | 0.00            | 0.00               | 0.00                | 0.00                                      | 0.75                | 0.50           | 0.00            | 0.00               | 0.00                | 0.00%  |



**B12c. Ranking by land and other assets**

| Villages                        | Land and other assets<br>SC & ST |      |         |      |
|---------------------------------|----------------------------------|------|---------|------|
|                                 | LAINDX                           | Rank | WLAINDX | Rank |
| Boragari                        | 0.60                             | 1    | 1.27    | 1    |
| Borakhata                       | 0.13                             | 37   | 0.06    | 50   |
| Hollanger Kuthi                 | 0.16                             | 30   | 0.17    | 24   |
| Kachuban                        | 0.13                             | 38   | 0.10    | 38   |
| Karibharal                      | 0.07                             | 50   | 0.07    | 47   |
| Kharija Kakribari               | 0.09                             | 45   | 0.10    | 41   |
| Kokoabari                       | 0.35                             | 11   | 0.26    | 19   |
| Petbhata Chandanchowra          | 0.13                             | 39   | 0.11    | 36   |
| Siddheswari                     | 0.19                             | 27   | 0.16    | 27   |
| Uttar Gayargari                 | 0.10                             | 43   | 0.07    | 49   |
| Barabangla                      | 0.15                             | 35   | 0.14    | 30   |
| Kajalikura                      | 0.15                             | 34   | 0.09    | 42   |
| Padmamari                       | 0.53                             | 2    | 0.89    | 2    |
| Sonarhat                        | 0.53                             | 3    | 0.47    | 7    |
| Elejanerkuthi                   | 0.31                             | 15   | 0.26    | 18   |
| Gosainganj                      | 0.26                             | 20   | 0.33    | 13   |
| Sitalabas                       | 0.23                             | 23   | 0.16    | 26   |
| Natuarpar                       | 0.16                             | 31   | 0.11    | 35   |
| Garubhasa                       | 0.12                             | 41   | 0.11    | 34   |
| Dodumari                        | 0.32                             | 13   | 0.36    | 11   |
| Malatiguri                      | 0.10                             | 42   | 0.08    | 43   |
| Dharmabarar Kuthi               | 0.28                             | 18   | 0.32    | 14   |
| Baisguri Khanda                 | 0.44                             | 4    | 0.56    | 4    |
| Daksin Kharija Gitaldaha        | 0.22                             | 25   | 0.19    | 22   |
| Chhat Khochabari Dwitiyo Khanda | 0.08                             | 47   | 0.07    | 45   |

**B12d. Ranking by land and other assets**

| Villages                  | Land and other assets<br>SC & ST (continued) |      |         |      |
|---------------------------|--|------|---------|------|
|                           | LAINDX                                       | Rank | WLAINDX | Rank |
| Gaochulca                 | 0.08   | 46   | 0.08    | 44   |
| Purbba Hudumdanga         | 0.15   | 33   | 0.12    | 33   |
| Madhya Chhat Gopalpur     | 0.43   | 5    | 0.28    | 15   |
| Chhat Khagribari          | 0.43   | 6    | 0.60    | 3    |
| Chhota Chhat Dhan Dhanian | 0.32   | 14   | 0.46    | 8    |
| Indrekuthi                | 0.39   | 10   | 0.52    | 5    |
| Kharija Ratanpur          | 0.12   | 40   | 0.16    | 25   |
| Chandamari                | 0.07   | 48   | 0.07    | 48   |
| Kurshamari                | 0.28   | 17   | 0.42    | 10   |
| Nagar Gopalganj           | 0.18   | 28   | 0.25    | 20   |
| Patakamari                | 0.23   | 22   | 0.18    | 23   |
| Fulkadabri Bajejama       | 0.27   | 19   | 0.10    | 40   |
| Bara Nijtaraf             | 0.33   | 12   | 0.47    | 6    |
| Fulkadabri                | 0.41   | 7    | 0.15    | 28   |
| Paschim Gopalpur          | 0.22   | 24   | 0.12    | 31   |
| Satgharia                 | 0.16   | 32   | 0.14    | 29   |
| Shatimari                 | 0.40   | 8    | 0.46    | 9    |
| Gangadhar                 | 0.17   | 29   | 0.11    | 37   |
| Fulbari                   | 0.07   | 49   | 0.07    | 46   |
| Chikliguri Dwitia Khanda  | 0.19   | 26   | 0.12    | 32   |
| Velakopa Pratham Khanda   | 0.39   | 9    | 0.28    | 16   |
| Bashraja Dwitia Khanda    | 0.09   | 44   | 0.10    | 39   |
| Chhat Balakuthi           | 0.13   | 36   | 0.28    | 17   |
| Bakla                     | 0.30   | 16   | 0.35    | 12   |
| Shilghagri                | 0.24   | 21   | 0.24    | 21   |

Note:

- 1) LAINDX = unweighted index and WLAINDX = weighted index.
- 2) The villages are ranked in descending order by the respective indices.
- 3) The rank correlation between the 2 indices is 0.872269 and simple correlation between them is 0.836576.

**A 12a. Land and other assets**

| Villages                        | Total Land (In Bighas) |                     |                |                 |                   |                    | Land with Irrigation Facility (In Bighas) |                     |                |                 |                   |                    | Pond |        |
|---------------------------------|------------------------|---------------------|----------------|-----------------|-------------------|--------------------|---|---------------------|----------------|-----------------|-------------------|--------------------|------|--------|
|                                 | Own Land               | Own Cultivated Land | Leased in Land | Leased out Land | Mortgaged in Land | Mortgaged out Land | Own Land                                  | Own Cultivated Land | Leased in Land | Leased out Land | Mortgaged in Land | Mortgaged out Land |      |        |
| Boragari                        | 0.33                   | 2.28                | 0.00           | 0.00            | 0.00              | 0.28               | 0.22                                      | 0.33                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |
| Borakhata                       | 0.40                   | 1.73                | 0.13           | 0.23            | 0.00              | 0.03               | 0.00                                      | 2.13                | 0.06           | 0.03            | 0.00              | 0.02               | 0.00 | 4.17%  |
| Hollanger Kuthi                 | 0.58                   | 1.58                | 0.21           | 0.00            | 0.11              | 0.04               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 6.06%  |
| Kachuban                        | 0.49                   | 1.30                | 0.31           | 0.12            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 2.33%  |
| Karibharal                      |                        |                     |                |                 |                   |                    |   |                     |                |                 |                   |                    |      | 0.00%  |
| Kharija Kakribari               | 0.39                   | 0.54                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |
| Kokoabari                       | 0.57                   | 0.32                | 0.35           | 0.15            | 0.00              | 0.00               | 0.00                                      | 0.11                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |
| Petbhata                        |                        |                     |                |                 |                   |                    |   |                     |                |                 |                   |                    |      |        |
| Chandanchowra                   | 0.40                   | 1.02                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 1.59%  |
| Siddheswari                     | 0.67                   | 1.31                | 0.09           | 0.00            | 0.00              | 0.40               | 0.00                                      | 0.05                | 0.04           | 0.00            | 0.00              | 0.00               | 0.00 | 1.32%  |
| Uttar Gayargari                 | 0.21                   | 0.38                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 6.06%  |
| Barabangla                      |                        |                     |                |                 |                   |                    |   |                     |                |                 |                   |                    |      | 0.00%  |
| Kajalikura                      | 0.23                   | 0.34                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 2.86%  |
| Padmamari                       |                        |                     |                |                 |                   |                    |   |                     |                |                 |                   |                    |      | 0.00%  |
| Sonarhat                        | 0.50                   | 1.71                | 0.29           | 0.00            | 0.11              | 0.50               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |
| Elejanerkuthi                   | 0.23                   | 0.91                | 0.31           | 0.00            | 0.00              | 0.13               | 0.00                                      | 0.38                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 4.17%  |
| Gosainganj                      | 0.36                   | 0.52                | 0.11           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.50                | 0.11           | 0.00            | 0.00              | 0.00               | 0.00 | 4.17%  |
| Sitalabas                       | 0.31                   | 1.62                | 0.08           | 0.00            | 0.08              | 0.00               | 0.44                                      | 1.18                | 0.08           | 0.00            | 0.08              | 0.00               | 0.00 | 8.33%  |
| Natuarpar                       | 0.59                   | 2.95                | 0.50           | 0.00            | 0.00              | 0.01               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 13.04% |
| Garubhasa                       | 0.35                   | 1.50                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 1.50                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |
| Dodumari                        | 0.45                   | 0.79                | 0.17           | 0.00            | 0.00              | 0.17               | 0.00                                      | 0.67                | 0.17           | 0.00            | 0.00              | 0.17               | 0.00 | 8.33%  |
| Malatiguri                      | 0.24                   | 0.14                | 0.00           | 0.00            | 0.00              | 0.00               | 0.21                                      | 0.14                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |
| Dharmabarar Kuthi               | 0.32                   | 0.68                | 0.07           | 0.00            | 0.00              | 0.02               | 0.00                                      | 0.43                | 0.00           | 0.00            | 0.00              | 0.02               | 0.00 | 12.50% |
| Baisguri Khanda                 | 0.26                   | 0.71                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.71                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |
| Daksin Kharija Gitaldaha        | 0.24                   | 1.99                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |
| Chhat Khochabari Dwitiyo Khanda | 0.28                   | 1.25                | 0.33           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.42                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00 | 0.00%  |

**A 12b. Land and other assets**

| Villages                    | Total Land (In Bighas) |                     |                |                 |                   |                    | Land with Irrigation Facility (In Bighas) |                     |                |                 |                   |                    | Pond  |
|-----------------------------|------------------------|---------------------|----------------|-----------------|-------------------|--------------------|---|---------------------|----------------|-----------------|-------------------|--------------------|-------|
|                             | Own Land               | Own Cultivated Land | Leased in Land | Leased out Land | Mortgaged in Land | Mortgaged out Land | Own Land                                  | Own Cultivated Land | Leased in Land | Leased out Land | Mortgaged in Land | Mortgaged out Land |       |
| Gaochulca                   | 0.32                   | 2.23                | 0.25           | 0.00            | 0.00              | 0.04               | 0.00                                      | 1.98                | 0.25           | 0.00            | 0.00              | 0.00               | 4.17% |
| Purbba<br>Hudumdanga        | 0.26                   | 2.17                | 0.00           | 0.00            | 0.20              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 8.33% |
| Chhota Chhat<br>Dhan Dhan   | 0.50                   | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Indrekuthi                  | 0.50                   | 2.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 2.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Kharija Ratanpur            | 0.20                   | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Chandamari                  | 0.32                   | 0.57                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Kurshamari                  | 0.35                   | 0.27                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.18                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Nagar Gopalganj             | 0.61                   | 1.56                | 0.06           | 0.00            | 0.03              | 0.11               | 0.00                                      | 1.23                | 0.06           | 0.00            | 0.03              | 0.11               | 4.17% |
| Patakamari                  | 0.67                   | 4.42                | 0.00           | 0.00            | 0.04              | 0.54               | 0.00                                      | 2.91                | 0.00           | 0.00            | 0.04              | 0.54               | 4.17% |
| Fulkadabri<br>Bajejama      |                        |                     |                |                 |                   |                    |   |                     |                |                 |                   |                    | 0.00% |
| Bara Nijtaraf               | 1.00                   | 1.00                | 2.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 1.00                | 2.00           | 0.00            | 0.00              | 0.00               | 4.17% |
| Fulkadabri                  |                        |                     |                |                 |                   |                    |   |                     |                |                 |                   |                    | 0.00% |
| Paschim<br>Gopalpur         | 0.34                   | 2.50                | 0.00           | 0.25            | 0.25              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 8.33% |
| Satgharia                   | 0.28                   | 0.23                | 0.00           | 0.00            | 0.23              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Shatimari                   | 1.00                   | 17.00               | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 17.00               | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Gangadhar                   | 0.46                   | 4.83                | 0.00           | 0.00            | 0.00              | 0.25               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Fulbari                     | 0.37                   | 1.21                | 0.00           | 0.00            | 0.22              | 0.28               | 0.00                                      | 1.17                | 0.00           | 0.00            | 0.22              | 0.28               | 0.00% |
| Chikliguri<br>Dwitia Khanda | 0.44                   | 1.42                | 0.37           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 4.35% |
| Velakopa<br>Pratham Khanda  | 0.44                   | 1.61                | 0.00           | 0.00            | 0.08              | 0.02               | 0.00                                      | 1.61                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Bashraja Dwitia<br>Khanda   | 0.26                   | 4.30                | 0.00           | 0.00            | 0.80              | 0.00               | 0.00                                      | 0.00                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Chhat Balakuthi             | 1.07                   | 0.08                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00                                      | 0.08                | 0.00           | 0.00            | 0.00              | 0.00               | 0.00% |
| Bakla                       | 0.40                   | 2.55                | 0.20           | 0.00            | 0.05              | 0.50               | 0.00                                      | 2.40                | 0.00           | 0.00            | 0.05              | 0.00               | 4.17% |
| Shilghagri                  | 0.53                   | 0.96                | 0.07           | 0.00            | 0.02              | 0.00               | 0.00                                      | 0.54                | 0.07           | 0.00            | 0.00              | 0.00               | 0.00% |

**A 12c-i) Ranking by land and other assets(unweighted)**

| <b>Land &amp; other assets<br/>OTHERS</b> |               |             |
|---|---------------|-------------|
| Villages                                  | <b>LAINDX</b> | <b>Rank</b> |
| Boragari                                  | 0.29          | 15          |
| Borakhata                                 | 0.40          | 8           |
| Hollanger Kuthi                           | 0.21          | 22          |
| Kachuban                                  | 0.18          | 26          |
| Kharija Kakribari                         | 0.08          | 35          |
| Kokoabari                                 | 0.13          | 32          |
| Petbhata<br>Chandanchowra                 | 0.12          | 33          |
| Siddheswari                               | 0.21          | 21          |
| Uttar Gayargari                           | 0.05          | 40          |
| Kajalikura                                | 0.05          | 41          |
| Sonarhat                                  | 0.26          | 18          |
| Elejanerkuthi                             | 0.16          | 28          |
| Gosainganj                                | 0.13          | 30          |
| Sitalabas                                 | 0.32          | 11          |
| Natuarpar                                 | 0.34          | 10          |
| Garubhasa                                 | 0.28          | 16          |
| Dodumari                                  | 0.22          | 20          |
| Malatiguri                                | 0.06          | 38          |
| Dharmabarar Kuthi                         | 0.13          | 31          |
| Daksin Kharija<br>Gitaldaha               | 0.19          | 24          |
| Chhat Khochabari<br>Dwitiyo Khanda        | 0.19          | 23          |

**A 12c-ii) Ranking by land and other assets(unweighted)**

| <b>Villages</b>             | <b>LAINDX</b> | <b>Rank</b> |
|-----------------------------|---------------|-------------|
| Baisguri Khanda             | 0.14          | 29          |
| Gaochulca                   | 0.42          | 7           |
| Purbba Hudumdanga           | 0.22          | 19          |
| Chhota Chhat Dhan<br>Dhania | 0.04          | 42          |
| Indrerkuthi                 | 0.38          | 9           |
| Kharija Ratanpur            | 0.02          | 43          |
| Chandamari                  | 0.07          | 36          |
| Kurshamari                  | 0.07          | 37          |
| Nagar Gopalganj             | 0.32          | 12          |
| Patakamari                  | 0.76          | 2           |
| Bara Nijtaraf               | 0.58          | 3           |
| Paschim Gopalpur            | 0.28          | 17          |
| Satgharia                   | 0.06          | 39          |
| Shatimari                   | 2.92          | 1           |
| Gangadhar                   | 0.46          | 5           |
| Fulbari                     | 0.31          | 14          |
| Chikliguri Dwitia<br>Khanda | 0.19          | 25          |
| Velakopa Pratham<br>Khanda  | 0.31          | 13          |
| Bashraja Dwitia<br>Khanda   | 0.45          | 6           |
| Chhat Balakuthi             | 0.10          | 34          |
| Bakla                       | 0.51          | 4           |
| Shilghagri                  | 0.18          | 27          |

Note: 1) LAINDX = unweighted Index

2) The villages are ranked in descending order by the respective index

**A 12d-i) Ranking by land and other assets (weighted-PCA)**

| Land & other assets<br>OTHERS      |         |      |
|------------------------------------|---------|------|
| Villages                           | WLAINDX | Rank |
| Boragari                           | 0.58    | 15   |
| Borakhata                          | 0.89    | 8    |
| Hollanger Kuthi                    | 0.48    | 19   |
| Kachuban                           | 0.41    | 27   |
| Karibharal                         | 0.00    | 44   |
| Kharija Kakribari                  | 0.21    | 35   |
| Kokoabari                          | 0.29    | 34   |
| Petbhata Chandanchowra             | 0.30    | 33   |
| Siddheswari                        | 0.46    | 21   |
| Uttar Gayargari                    | 0.13    | 39   |
| Barabangla                         | 0.00    | 44   |
| Kajalikura                         | 0.13    | 40   |
| Padmamari                          | 0.00    | 44   |
| Sonarhat                           | 0.50    | 18   |
| Elejanerkuthi                      | 0.35    | 29   |
| Gosainganj                         | 0.33    | 31   |
| Sitalabas                          | 0.65    | 14   |
| Natuarpar                          | 0.76    | 10   |
| Garubhasa                          | 0.68    | 13   |
| Dodumari                           | 0.46    | 22   |
| Malatiguri                         | 0.13    | 41   |
| Dharmabarer Kuthi                  | 0.31    | 32   |
| Baisguri Khanda                    | 0.35    | 28   |
| Daksin Kharija Gitaldaha           | 0.43    | 25   |
| Chhat Khochabari<br>Dwitiyo Khanda | 0.43    | 24   |

**A 12d-ii) Ranking by land and other assets (weighted-PCA)**

| Land & other assets OTHERS |         |      |
|----------------------------|---------|------|
| Villages                   | WLAINDX | Rank |
| Gaochulca                  | 0.97    | 6    |
| Purbba Hudumdanga          | 0.47    | 20   |
| Madhya Chhat Gopalpur      | 0.00    | 44   |
| Chhat Khagribari           | 0.00    | 44   |
| Chhota Chhat Dhan Dhanian  | 0.14    | 38   |
| Indrerakuthi               | 0.92    | 7    |
| Kharija Ratanpur           | 0.06    | 43   |
| Chandamari                 | 0.19    | 36   |
| Kurshamari                 | 0.19    | 37   |
| Nagar Gopalganj            | 0.73    | 12   |
| Patakamari                 | 1.62    | 2    |
| Fulkadabri Bajejama        | 0.00    | 44   |
| Bara Nijtaraf              | 1.17    | 3    |
| Fulkadabri                 | 0.00    | 44   |
| Paschim Gopalpur           | 0.55    | 17   |
| Satgharia                  | 0.12    | 42   |
| Shatimari                  | 6.88    | 1    |
| Gangadhar                  | 1.01    | 5    |
| Fulbari                    | 0.58    | 16   |
| Chikliguri Dwitia Khanda   | 0.43    | 26   |
| Velakopa Pratham Khanda    | 0.75    | 11   |
| Bashraja Dwitia Khanda     | 0.86    | 9    |
| Chhat Balakuthi            | 0.34    | 30   |
| Bakla                      | 1.11    | 4    |
| Shilghagri                 | 0.45    | 23   |

Note: 1) WLAINDX = weighted Index  
2) The villages are ranked in descending order by the respective index



## **5.10 Educational Status among Children (B13a-c/ A13a-c)**

The schooling status and schooling levels are both important criteria for judging the extent of social exclusion facing villages. The present district level case study is no exception, where barring a few villages like Sonarhat, Baisguri Khanda etc., in every other village the enrollment among SC/ST children has been 100%, or in other words, the sample size does not generate record of no enrollment in these villages. However, the same story as one observes with other surveys on education related attainments in West Bengal is still replicated. This means that the largest number of children actually drop out before they finish middle school and most do not reach the secondary or higher levels.

Clearly, the picture is better among non-SC/ST households, where those who continue with education at the secondary level make it to higher education as well. In terms of ranking, villages of Fulkadabri Bajejama, Fulkadabri and Gangadhar rank 1-3 in terms of schooling attainments. The school related issues delve deeper with sub-categories including governmental support with availability of books, mid-day meals, uniform, classroom infrastructures, etc. The main contention still remains that without additional support to many such families that are keen on sending children to school, the opportunity cost of retaining them in school is too high mostly after middle school levels. The children are withdrawn from school in order to find employment for supporting the growing consumption needs at the household level. Although we do not verify these issues in further detail, but the primary data suggests that items like free school supplies and etc are not enough to retain them in school up to the socially and economically desired levels. These are some of the issues that need further intervention from appropriate quarters.

**B13a-i) Educational Status (schooling status & educational level)**

| Status of Education (6-14years) for SC/ST |                  |                       |                                    |                          |       |                   |                         |         |                    |           |
|---|------------------|-----------------------|------------------------------------|--------------------------|-------|-------------------|-------------------------|---------|--------------------|-----------|
| Villages                                  | Schooling Status |                       |                                    |                          |       | Educational Level |                         |         |                    |           |
|   | Never Enrolled   | Left after enrollment | Enrolled but does not go to school | Regularly goes to school | Other | Illiterate        | Below Primary /Informal | Primary | Middle (Class-VII) | Secondary |
| Boragari                                  | 0.00%            | 0.00%                 | 0.00%                              | 36.36%                   | 0.00% | 0.00%             | 27.27%                  | 0.00%   | 9.09%              | 0.00%     |
| Borakhata                                 | 0.00%            | 0.00%                 | 0.00%                              | 13.33%                   | 0.00% | 0.00%             | 6.67%                   | 6.67%   | 0.00%              | 0.00%     |
| Hollanger Kuthi                           | 0.00%            | 0.00%                 | 0.00%                              | 71.15%                   | 0.00% | 1.92%             | 1.92%                   | 57.69%  | 9.62%              | 0.00%     |
| Kachuban                                  | 0.00%            | 0.00%                 | 8.57%                              | 71.43%                   | 0.00% | 0.00%             | 2.86%                   | 45.71%  | 28.57%             | 2.86%     |
| Karibharal                                | 0.00%            | 0.00%                 | 0.00%                              | 100.00%                  | 0.00% | 0.00%             | 18.18%                  | 81.82%  | 0.00%              | 0.00%     |
| Kharija Kakribari                         | 0.00%            | 0.00%                 | 7.27%                              | 85.45%                   | 0.00% | 0.00%             | 10.91%                  | 63.64%  | 18.18%             | 0.00%     |
| Kokoabari                                 | 0.00%            | 0.00%                 | 0.00%                              | 12.50%                   | 0.00% | 0.00%             | 12.50%                  | 0.00%   | 0.00%              | 0.00%     |
| Petbhata Chandanchowra                    | 0.00%            | 0.00%                 | 0.00%                              | 75.44%                   | 0.00% | 0.00%             | 7.02%                   | 57.89%  | 10.53%             | 0.00%     |
| Siddheswari                               | 0.00%            | 0.00%                 | 0.00%                              | 62.07%                   | 0.00% | 0.00%             | 1.72%                   | 35.34%  | 22.41%             | 2.59%     |
| Uttar Gayargari                           | 0.00%            | 0.00%                 | 0.00%                              | 68.57%                   | 0.00% | 0.00%             | 0.00%                   | 37.14%  | 28.57%             | 2.86%     |
| Barabangla                                | 0.00%            | 5.00%                 | 0.00%                              | 95.00%                   | 0.00% | 10.00%            | 0.00%                   | 75.00%  | 10.00%             | 5.00%     |
| Kajalikura                                | 0.00%            | 0.00%                 | 1.39%                              | 83.33%                   | 0.00% | 0.00%             | 7.04%                   | 47.89%  | 25.35%             | 4.23%     |
| Padmamari                                 | 0.00%            | 0.00%                 | 0.00%                              | 100.00%                  | 0.00% | 0.00%             | 15.38%                  | 46.15%  | 38.46%             | 0.00%     |
| Sonarhat                                  | 13.33%           | 6.67%                 | 0.00%                              | 46.67%                   | 0.00% | 0.00%             | 14.29%                  | 28.57%  | 21.43%             | 0.00%     |
| Elejanerkuthi                             | 0.00%            | 0.00%                 | 5.26%                              | 63.16%                   | 0.00% | 5.88%             | 58.82%                  | 5.88%   | 0.00%              | 0.00%     |
| Gosainganj                                | 0.00%            | 5.88%                 | 0.00%                              | 52.94%                   | 0.00% | 0.00%             | 35.29%                  | 17.65%  | 5.88%              | 0.00%     |
| Sitalabas                                 | 0.00%            | 0.00%                 | 0.00%                              | 56.00%                   | 0.00% | 0.00%             | 48.00%                  | 8.00%   | 0.00%              | 0.00%     |
| Natuarpar                                 | 0.00%            | 0.00%                 | 0.00%                              | 50.00%                   | 0.00% | 0.00%             | 35.00%                  | 15.00%  | 0.00%              | 0.00%     |
| Garubhasa                                 | 0.00%            | 5.88%                 | 0.00%                              | 70.59%                   | 5.88% | 0.00%             | 41.18%                  | 41.18%  | 0.00%              | 0.00%     |
| Dodumari                                  | 0.00%            | 0.00%                 | 0.00%                              | 52.63%                   | 0.00% | 0.00%             | 31.58%                  | 21.05%  | 0.00%              | 0.00%     |
| Malatiguri                                | 0.00%            | 0.00%                 | 0.00%                              | 58.62%                   | 0.00% | 0.00%             | 44.83%                  | 3.45%   | 10.34%             | 0.00%     |
| Dharmabarer Kuthi                         | 0.00%            | 0.00%                 | 0.00%                              | 28.57%                   | 0.00% | 0.00%             | 14.29%                  | 14.29%  | 0.00%              | 0.00%     |
| Baisguri Khanda                           | 4.76%            | 4.76%                 | 4.76%                              | 52.38%                   | 0.00% | 0.00%             | 35.00%                  | 30.00%  | 0.00%              | 0.00%     |
| Daksin Kharija Gitaldaha                  | 0.00%            | 4.55%                 | 0.00%                              | 50.00%                   | 0.00% | 0.00%             | 40.91%                  | 13.64%  | 0.00%              | 0.00%     |
| Chhat Khochabari Dwitiyo Khanda           | 0.00%            | 0.00%                 | 0.00%                              | 45.83%                   | 0.00% | 0.00%             | 37.50%                  | 4.17%   | 4.17%              | 0.00%     |

**B13b-i) Educational Status (schooling status & educational level)**

| Status of Education(6-14years) for SC/ST (cont.) |                  |                       |                                    |                          |       |                   |                         |         |                    |           |
|--|------------------|-----------------------|------------------------------------|--------------------------|-------|-------------------|-------------------------|---------|--------------------|-----------|
| Villages   | Schooling Status |                       |                                    |                          |       | Educational Level |                         |         |                    |           |
|  | Never Enrolled   | Left after enrollment | Enrolled but does not go to school | Regularly goes to school | Other | Illiterate        | Below Primary /Informal | Primary | Middle (Class-VII) | Secondary |
| Gaochulca  | 0.00%            | 0.00%                 | 0.00%                              | 58.33%                   | 0.00% | 0.00%             | 16.67%                  | 41.67%  | 0.00%              | 0.00%     |
| Purbba Hudumdanga                                | 0.00%            | 0.00%                 | 0.00%                              | 71.43%                   | 0.00% | 0.00%             | 28.57%                  | 23.81%  | 19.05%             | 0.00%     |
| Madhya Chhat Gopalpur                            | 0.00%            | 0.00%                 | 0.00%                              | 100.00%                  | 0.00% | 3.45%             | 62.07%                  | 31.03%  | 3.45%              | 0.00%     |
| Chhat Khagribari                                 | 4.55%            | 0.00%                 | 4.55%                              | 90.91%                   | 0.00% | 0.00%             | 57.14%                  | 42.86%  | 0.00%              | 0.00%     |
| Chhota Chhat Dhan Dhan                           | 0.00%            | 0.00%                 | 0.00%                              | 100.00%                  | 0.00% | 15.38%            | 69.23%                  | 15.38%  | 0.00%              | 0.00%     |
| Indrerkuthi                                      | 0.00%            | 0.00%                 | 14.29%                             | 85.71%                   | 0.00% | 0.00%             | 57.14%                  | 28.57%  | 9.52%              | 4.76%     |
| Kharija Ratanpur                                 | 0.00%            | 5.26%                 | 0.00%                              | 94.74%                   | 0.00% | 0.00%             | 66.67%                  | 33.33%  | 0.00%              | 0.00%     |
| Chandamari                                       | 0.00%            | 0.00%                 | 0.00%                              | 52.63%                   | 0.00% | 0.00%             | 47.37%                  | 5.26%   | 0.00%              | 0.00%     |
| Kurshamari                                       | 0.00%            | 0.00%                 | 0.00%                              | 39.13%                   | 0.00% | 0.00%             | 34.78%                  | 4.35%   | 0.00%              | 0.00%     |
| Nagar Gopalganj                                  | 0.00%            | 0.00%                 | 0.00%                              | 24.14%                   | 0.00% | 0.00%             | 6.90%                   | 17.24%  | 0.00%              | 0.00%     |
| Patakamari                                       | 5.88%            | 0.00%                 | 0.00%                              | 5.88%                    | 0.00% | 5.88%             | 5.88%                   | 0.00%   | 0.00%              | 0.00%     |
| Fulkadabri Bajejama                              | 0.00%            | 0.00%                 | 0.00%                              | 100.00%                  | 0.00% | 0.00%             | 80.95%                  | 19.05%  | 0.00%              | 0.00%     |
| Bara Nijtaraf                                    | 0.00%            | 0.00%                 | 0.00%                              | 90.91%                   | 0.00% | 9.09%             | 36.36%                  | 45.45%  | 0.00%              | 0.00%     |
| Fulkadabri                                       | 5.88%            | 0.00%                 | 0.00%                              | 94.12%                   | 0.00% | 0.00%             | 87.50%                  | 6.25%   | 6.25%              | 0.00%     |
| Paschim Gopalpur                                 | 0.00%            | 0.00%                 | 0.00%                              | 88.89%                   | 0.00% | 0.00%             | 62.96%                  | 25.93%  | 0.00%              | 0.00%     |
| Satgharia  | 0.00%            | 0.00%                 | 0.00%                              | 47.62%                   | 0.00% | 9.52%             | 28.57%                  | 9.52%   | 0.00%              | 0.00%     |
| Shatimari  | 0.00%            | 0.00%                 | 0.00%                              | 95.00%                   | 0.00% | 0.00%             | 65.00%                  | 20.00%  | 10.00%             | 0.00%     |
| Gangadhar  | 9.09%            | 0.00%                 | 0.00%                              | 90.91%                   | 0.00% | 10.00%            | 70.00%                  | 10.00%  | 10.00%             | 0.00%     |
| Fulbari  | 7.50%            | 0.00%                 | 0.00%                              | 10.00%                   | 0.00% | 0.00%             | 9.38%                   | 3.13%   | 0.00%              | 0.00%     |
| Chikliguri Dwitia Khanda                         | 0.00%            | 0.00%                 | 3.57%                              | 35.71%                   | 0.00% | 0.00%             | 0.00%                   | 25.00%  | 14.29%             | 0.00%     |
| Velakopa Pratham Khanda                          | 0.00%            | 4.35%                 | 0.00%                              | 39.13%                   | 0.00% | 0.00%             | 13.04%                  | 13.04%  | 13.04%             | 4.35%     |
| Bashraja Dwitia Khanda                           | 0.00%            | 0.00%                 | 0.00%                              | 84.62%                   | 0.00% | 0.00%             | 38.46%                  | 30.77%  | 15.38%             | 0.00%     |
| Chhat Balakuthi                                  | 0.00%            | 5.26%                 | 0.00%                              | 73.68%                   | 0.00% | 0.00%             | 0.00%                   | 36.84%  | 42.11%             | 0.00%     |
| Bakla  | 0.00%            | 0.00%                 | 0.00%                              | 53.85%                   | 0.00% | 0.00%             | 7.69%                   | 23.08%  | 23.08%             | 0.00%     |
| Shilghagri                                       | 0.00%            | 0.00%                 | 0.00%                              | 25.00%                   | 0.00% | 0.00%             | 0.00%                   | 14.29%  | 10.71%             | 0.00%     |

**B13a-ii) Educational Status (type of school & distance from school)**

| Status of Education(6-14years) for SC/ST (cont.) |                |             |         |         |            |          |       |                          |                      |        |        |           |
|--|----------------|-------------|---------|---------|------------|----------|-------|--------------------------|----------------------|--------|--------|-----------|
| Villages   | Type of School |             |         |         |            |          |       |                          | Distance from school |        |        |           |
|  | Government     | Govt. Aided | Private | Madrasa | Missionary | Informal | Other | Government & Govt. Aided | Within 1km           | 1-2km  | 2-4km  | Above 4km |
| Boragari   | 27.27%         | 9.09%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 27.27%               | 9.09%  | 0.00%  | 0.00%     |
| Borakhata  | 0.00%          | 6.67%       | 6.67%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 6.67%                | 6.67%  | 0.00%  | 0.00%     |
| Hollanger Kuthi                                  | 53.85%         | 17.31%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 51.92%               | 13.46% | 5.77%  | 0.00%     |
| Kachuban   | 31.43%         | 45.71%      | 2.86%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 37.14%               | 37.14% | 2.86%  | 2.86%     |
| Karibharal                                       | 63.64%         | 36.36%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 81.82%               | 18.18% | 0.00%  | 0.00%     |
| Kharija Kakribari                                | 32.73%         | 50.91%      | 7.27%   | 1.82%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 49.09%               | 14.55% | 23.64% | 5.45%     |
| Kokoabari  | 12.50%         | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 12.50%               | 0.00%  | 0.00%  | 0.00%     |
| Petbhata Chandanchowra                           | 47.37%         | 24.56%      | 3.51%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 50.88%               | 5.26%  | 12.28% | 7.02%     |
| Siddheswari                                      | 1.72%          | 58.62%      | 1.72%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 37.07%               | 18.97% | 6.03%  | 0.00%     |
| Uttar Gayargari                                  | 0.00%          | 68.57%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 37.14%               | 8.57%  | 20.00% | 2.86%     |
| Barabangla                                       | 70.00%         | 30.00%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 100.00%              | 0.00%  | 0.00%  | 0.00%     |
| Kajalikura                                       | 15.49%         | 64.79%      | 2.82%   | 1.41%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 59.15%               | 14.08% | 9.86%  | 1.41%     |
| Padmamari  | 15.38%         | 84.62%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 23.08%               | 76.92% | 0.00%  | 0.00%     |
| Sonarhat   | 16.67%         | 41.67%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 33.33%               | 25.00% | 0.00%  | 0.00%     |
| Elejanerkuthi                                    | 0.00%          | 70.59%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 58.82%               | 11.76% | 0.00%  | 0.00%     |
| Gosainganj                                       | 0.00%          | 52.94%      | 5.88%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 29.41%               | 5.88%  | 23.53% | 0.00%     |
| Sitalabas  | 0.00%          | 56.00%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 56.00%               | 0.00%  | 0.00%  | 0.00%     |
| Natuarpar  | 10.00%         | 40.00%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 45.00%               | 5.00%  | 0.00%  | 0.00%     |
| Garubhasa  | 0.00%          | 81.25%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 37.50%               | 25.00% | 12.50% | 6.25%     |
| Dodumari   | 0.00%          | 52.63%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 42.11%               | 10.53% | 0.00%  | 0.00%     |
| Malatiguri                                       | 0.00%          | 58.62%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 44.83%               | 13.79% | 0.00%  | 0.00%     |
| Dharmabarar Kuthi                                | 0.1904762      | 9.52%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 9.52%  | 4.76%  | 14.29%    |
| Baisguri Khanda                                  | 0.00%          | 65.00%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 40.00%               | 10.00% | 5.00%  | 10.00%    |
| Daksin Kharija Gitaldaha                         | 0.00%          | 52.38%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 33.33%               | 0.00%  | 9.52%  | 9.52%     |
| Chhat Khochabari Dwitiyo Khanda                  | 0.00%          | 45.83%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 16.67% | 20.83% | 8.33%     |

**B13b-ii) Educational Status (type of school & distance from school)**

| Status of Education(6-14years) for SC/ST (cont.) |                |             |         |          |            |          |       |                          |                      |        |        |           |
|--|----------------|-------------|---------|----------|------------|----------|-------|--------------------------|----------------------|--------|--------|-----------|
| Villages   | Type of School |             |         |          |            |          |       |                          | Distance from school |        |        |           |
|  | Government     | Govt. Aided | Private | Madrassa | Missionary | Informal | Other | Government & Govt. Aided | Within 1km           | 1-2km  | 2-4km  | Above 4km |
| Gaochulca  | 0.00%          | 58.33%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 33.33%               | 16.67% | 8.33%  | 0.00%     |
| Purbba Hudumdanga                                | 0.00%          | 61.90%      | 9.52%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 30.00%               | 30.00% | 10.00% | 0.00%     |
| Madhya Chhat Gopalpur                            | 0.00%          | 100.00%     | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 27.59%               | 44.83% | 3.45%  | 24.14%    |
| Chhat Khagribari                                 | 0.00%          | 100.00%     | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 57.14%               | 14.29% | 28.57% | 0.00%     |
| Chhota Chhat Dhan Dhanania                       | 0.00%          | 84.62%      | 15.38%  | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 61.54%               | 15.38% | 7.69%  | 15.38%    |
| Indrekuthi                                       | 0.00%          | 100.00%     | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 17.65%               | 58.82% | 23.53% | 0.00%     |
| Kharija Ratanpur                                 | 61.11%         | 38.89%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 100.00%              | 0.00%  | 0.00%  | 0.00%     |
| Chandamari                                       | 0.00%          | 52.63%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 10.53% | 31.58% | 10.53%    |
| Kurshamari                                       | 0.00%          | 40.91%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 27.27%               | 13.64% | 0.00%  | 0.00%     |
| Nagar Gopalganj                                  | 0.00%          | 24.14%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 6.90%                | 10.34% | 6.90%  | 0.00%     |
| Patakamari                                       | 0.00%          | 6.25%       | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 6.25%                | 0.00%  | 0.00%  | 0.00%     |
| Fulkadabri Bajejama                              | 0.00%          | 95.24%      | 4.76%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 71.43%               | 23.81% | 0.00%  | 4.76%     |
| Bara Nijtaraf                                    | 0.00%          | 81.82%      | 9.09%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 18.18%               | 18.18% | 9.09%  | 45.45%    |
| Fulkadabri                                       | 0.00%          | 87.50%      | 12.50%  | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 68.75%               | 18.75% | 0.00%  | 12.50%    |
| Paschim Gopalpur                                 | 0.00%          | 88.89%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 62.96%               | 7.41%  | 3.70%  | 14.81%    |
| Satgharia  | 0.00%          | 47.62%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 47.62%               | 0.00%  | 0.00%  | 0.00%     |
| Shatimari  | 0.00%          | 95.00%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 25.00%               | 70.00% | 0.00%  | 0.00%     |
| Gangadhar  | 0.00%          | 100.00%     | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 50.00%               | 40.00% | 10.00% | 0.00%     |
| Fulbari  | 0.00%          | 13.79%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 10.34%               | 0.00%  | 3.45%  | 0.00%     |
| Chikliguri Dwitia Khanda                         | 20.00%         | 25.00%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 25.00%               | 3.57%  | 10.71% | 0.00%     |
| Velakopa Pratham Khanda                          | 9.09%          | 36.36%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 18.18%               | 0.00%  | 22.73% | 4.55%     |
| Bashraja Dwitia Khanda                           | 30.77%         | 53.85%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 42.31%               | 3.85%  | 23.08% | 15.38%    |
| Chhat Balakuthi                                  | 50.00%         | 27.78%      | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 33.33%               | 33.33% | 11.11% | 0.00%     |
| Bakla  | 0.00%          | 48.72%      | 2.56%   | 2.56%    | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 43.59%               | 10.26% | 0.00%  | 0.00%     |
| Shilghagri                                       | 19.23%         | 0.00%       | 0.00%   | 0.00%    | 0.00%      | 0.00%    | 0.00% | 7.69%                    | 15.38%               | 11.54% | 0.00%  | 0.00%     |

**B13a-iii) Educational Status (medium of instruction)**

| <b>Status of Education(6-14years) for SC/ST (cont.)</b> |  |                |                              |              |             |                       |              |
|---|--|----------------|------------------------------|--------------|-------------|-----------------------|--------------|
| <b>Villages</b>   | <b>Medium of instruction at school</b> |                |                              |              |             |                       |              |
|   | <b>Bengali</b>                         | <b>English</b> | <b>Bengali &amp; English</b> | <b>Hindi</b> | <b>Urdu</b> | <b>Local Language</b> | <b>Other</b> |
| Boragari  | 36.36%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Borakhata   | 13.33%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Hollanger Kuthi   | 47.12%                                 | 0.00%          | 23.08%                       | 0.00%        | 0.96%       | 0.00%                 | 0.00%        |
| Kachuban  | 68.57%                                 | 0.00%          | 11.43%                       | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Karibharal  | 0.00%                                  | 0.00%          | 100.00%                      | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Kharija Kakribari                                       | 54.55%                                 | 3.64%          | 34.55%                       | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Kokoabari   | 0.00%                                  | 0.00%          | 12.50%                       | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Petbhata Chandanchowra                                  | 49.12%                                 | 0.00%          | 26.32%                       | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Siddheswari   | 61.21%                                 | 0.00%          | 0.00%                        | 0.86%        | 0.00%       | 0.00%                 | 0.00%        |
| Uttar Gayargari   | 68.57%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Barabangla  | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Kajalikura  | 77.46%                                 | 0.00%          | 7.04%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Padmamari   | 0.00%                                  | 7.69%          | 92.31%                       | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Sonarhat  | 8.33%                                  | 0.00%          | 50.00%                       | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Elejanerkuthi   | 70.59%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Gosainganj  | 52.94%                                 | 0.00%          | 5.88%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Sitalabas   | 56.00%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Natuarpar   | 50.00%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Garubhasa   | 81.25%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Dodumari  | 52.63%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Malatiguri  | 58.62%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Dharmabarer Kuthi                                       | 28.57%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Baisguri Khanda   | 65.00%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Daksin Kharija Gitaldaha                                | 52.38%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Chhat Khochabari Dwitiyo Khanda                         | 45.83%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |

**B 13b-iii) Educational Status (medium of instruction)**

| <b>Status of Education(6-14years) for SC/ST (cont.)</b> |  |                |                              |              |             |                       |              |
|---|--|----------------|------------------------------|--------------|-------------|-----------------------|--------------|
| <b>Villages</b>   | <b>Medium of instruction at school</b> |                |                              |              |             |                       |              |
|   | <b>Bengali</b>                         | <b>English</b> | <b>Bengali &amp; English</b> | <b>Hindi</b> | <b>Urdu</b> | <b>Local Language</b> | <b>Other</b> |
| Gaochulca   | 58.33%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Purbba Hudumdanga                                       | 71.43%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Madhya Chhat Gopalpur                                   | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Chhat Khagribari  | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Chhota Chhat Dhan Dhania                                | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Indrerkuthi   | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Kharija Ratanpur  | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Chandamari  | 52.63%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Kurshamari  | 45.00%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Nagar Gopalganj   | 24.14%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Patakamari  | 6.25%                                  | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Fulkadabri Bajejama                                     | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Bara Nijtaraf   | 90.91%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Fulkadabri  | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Paschim Gopalpur  | 88.89%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Satgharia   | 47.62%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Shatimari   | 95.00%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Gangadhar   | 100.00%                                | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Fulbari   | 13.79%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Chikliguri Dwitia Khanda                                | 39.29%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Velakopa Pratham Khanda                                 | 45.45%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Bashraja Dwitia Khanda                                  | 84.62%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Chhat Balakuthi   | 77.78%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Bakla   | 53.85%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |
| Shilghagri  | 26.92%                                 | 0.00%          | 0.00%                        | 0.00%        | 0.00%       | 0.00%                 | 0.00%        |

**B 13a-iv) Educational Status (Government aid)**

| <b>Status of Education(6-14years) for SC/ST (cont.)</b> |                       |                       |                      |                     |              |              |                              |                              |                              |                        |
|---|-----------------------|-----------------------|----------------------|---------------------|--------------|--------------|------------------------------|------------------------------|------------------------------|------------------------|
| <b>Villages</b>   | <b>Government Aid</b> |                       |                      |                     |              |              |                              |                              |                              |                        |
|   | <b>Books</b>          | <b>School Uniform</b> | <b>Scholars hips</b> | <b>Mid-day meal</b> | <b>Cycle</b> | <b>Other</b> | <b>Combination of 2 aids</b> | <b>Combination of 3 aids</b> | <b>Combination of 4 aids</b> | <b>Did not receive</b> |
| Boragari  | 0.00%                 | 0.00%                 | 11.11%               | 0.00%               | 0.00%        | 0.00%        | 22.22%                       | 11.11%                       | 0.00%                        | 0.00%                  |
| Borakhata   | 0.00%                 | 0.00%                 | 0.00%                | 0.00%               | 0.00%        | 0.00%        | 9.09%                        | 0.00%                        | 0.00%                        | 0.00%                  |
| Hollanger Kuthi   | 5.41%                 | 0.00%                 | 0.00%                | 2.70%               | 0.00%        | 0.00%        | 62.16%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Kachuban  | 3.23%                 | 0.00%                 | 0.00%                | 22.58%              | 0.00%        | 0.00%        | 54.84%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Karibharal  | 0.00%                 | 0.00%                 | 0.00%                | 11.11%              | 0.00%        | 0.00%        | 88.89%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Kharija Kakribari                                       | 9.80%                 | 0.00%                 | 0.00%                | 19.61%              | 0.00%        | 0.00%        | 45.10%                       | 0.00%                        | 0.00%                        | 19.61%                 |
| Kokoabari   | 0.00%                 | 0.00%                 | 0.00%                | 0.00%               | 0.00%        | 0.00%        | 20.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Petbhata Chandanchowra                                  | 4.08%                 | 0.00%                 | 0.00%                | 8.16%               | 0.00%        | 2.04%        | 57.14%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Siddheswari   | 0.00%                 | 0.00%                 | 0.00%                | 19.35%              | 0.00%        | 0.00%        | 41.94%                       | 0.00%                        | 0.00%                        | 1.08%                  |
| Uttar Gayargari   | 0.00%                 | 0.00%                 | 0.00%                | 16.67%              | 0.00%        | 0.00%        | 50.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Barabangla  | 40.00%                | 0.00%                 | 0.00%                | 10.00%              | 0.00%        | 0.00%        | 50.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Kajalikura  | 0.00%                 | 0.00%                 | 0.00%                | 18.64%              | 0.00%        | 0.00%        | 64.41%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Padmamari   | 0.00%                 | 0.00%                 | 0.00%                | 57.14%              | 0.00%        | 0.00%        | 42.86%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Sonarhat  | 0.00%                 | 0.00%                 | 0.00%                | 20.00%              | 0.00%        | 0.00%        | 40.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Elejanerkuthi   | 0.00%                 | 0.00%                 | 0.00%                | 6.67%               | 0.00%        | 0.00%        | 60.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Gosainganj  | 7.69%                 | 0.00%                 | 0.00%                | 7.69%               | 0.00%        | 7.69%        | 38.46%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Sitalabas   | 4.17%                 | 0.00%                 | 0.00%                | 4.17%               | 0.00%        | 4.17%        | 45.83%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Natuarpar   | 0.00%                 | 0.00%                 | 0.00%                | 0.00%               | 0.00%        | 0.00%        | 58.82%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Garubhasa   | 7.69%                 | 0.00%                 | 0.00%                | 7.69%               | 0.00%        | 7.69%        | 69.23%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Dodumari  | 20.00%                | 0.00%                 | 0.00%                | 6.67%               | 0.00%        | 0.00%        | 33.33%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Malatiguri  | 0.00%                 | 0.00%                 | 0.00%                | 0.00%               | 0.00%        | 0.00%        | 52.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Dharmabarer Kuthi                                       | 0.00%                 | 0.00%                 | 0.00%                | 0.00%               | 0.00%        | 0.00%        | 18.18%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Baisguri Khanda   | 0.00%                 | 0.00%                 | 0.00%                | 22.22%              | 0.00%        | 0.00%        | 50.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Daksin Kharija Gitaldaha                                | 10.53%                | 0.00%                 | 0.00%                | 0.00%               | 0.00%        | 0.00%        | 36.84%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Chhat Khochabari Dwitiyo Khanda                         | 0.00%                 | 0.00%                 | 0.00%                | 0.00%               | 0.00%        | 0.00%        | 50.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |



**B 13b-iv) Educational Status (Government aid)**

| <b>Status of Education(6-14years) for SC/ST (cont.)</b> |                       |                       |                     |                     |              |              |                              |                              |                              |                        |
|---|-----------------------|-----------------------|---------------------|---------------------|--------------|--------------|------------------------------|------------------------------|------------------------------|------------------------|
| <b>Villages</b>   | <b>Government Aid</b> |                       |                     |                     |              |              |                              |                              |                              |                        |
|   | <b>Books</b>          | <b>School Uniform</b> | <b>Scholarships</b> | <b>Mid-day meal</b> | <b>Cycle</b> | <b>Other</b> | <b>Combination of 2 aids</b> | <b>Combination of 3 aids</b> | <b>Combination of 4 aids</b> | <b>Did not receive</b> |
| Gaochulca   | 0.00%                 | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 60.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Purbba Hudumdanga                                       | 40.00%                | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 30.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Madhya Chhat Gopalpur                                   | 62.96%                | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 37.04%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Chhat Khagribari  | 5.00%                 | 0.00%                 | 0.00%               | 15.00%              | 0.00%        | 0.00%        | 80.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Chhota Chhat Dhan Dhanian                               | 20.00%                | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 80.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Indrerkuthi   | 17.65%                | 0.00%                 | 0.00%               | 82.35%              | 0.00%        | 0.00%        | 0.00%                        | 0.00%                        | 0.00%                        | 0.00%                  |
| Kharija Ratanpur  | 0.00%                 | 0.00%                 | 0.00%               | 22.22%              | 0.00%        | 0.00%        | 72.22%                       | 0.00%                        | 5.56%                        | 0.00%                  |
| Chandamari  | 0.00%                 | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 52.94%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Kurshamari  | 0.00%                 | 0.00%                 | 0.00%               | 5.00%               | 0.00%        | 0.00%        | 40.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Nagar Gopalganj   | 4.35%                 | 0.00%                 | 0.00%               | 8.70%               | 0.00%        | 0.00%        | 13.04%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Patakamari  | 0.00%                 | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 7.69%                        | 0.00%                        | 0.00%                        | 0.00%                  |
| Fulkadabri Bajejama                                     | 0.00%                 | 0.00%                 | 0.00%               | 10.00%              | 0.00%        | 0.00%        | 90.00%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Bara Nijtaraf   | 22.22%                | 0.00%                 | 22.22%              | 0.00%               | 0.00%        | 0.00%        | 44.44%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Fulkadabri  | 0.00%                 | 0.00%                 | 0.00%               | 7.69%               | 0.00%        | 0.00%        | 92.31%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Paschim Gopalpur  | 0.00%                 | 0.00%                 | 0.00%               | 11.11%              | 0.00%        | 0.00%        | 77.78%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Satgharia   | 0.00%                 | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 53.85%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Shatimari   | 0.00%                 | 0.00%                 | 0.00%               | 22.22%              | 0.00%        | 0.00%        | 72.22%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Gangadhar   | 0.00%                 | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 100.0%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Fulbari   | 0.00%                 | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 11.11%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Chikliguri Dwitia Khanda                                | 0.00%                 | 0.00%                 | 0.00%               | 0.00%               | 0.00%        | 0.00%        | 28.57%                       | 4.76%                        | 0.00%                        | 0.00%                  |
| Velakopa Pratham Khanda                                 | 9.52%                 | 0.00%                 | 0.00%               | 19.05%              | 0.00%        | 0.00%        | 14.29%                       | 0.00%                        | 0.00%                        | 4.76%                  |
| Bashraja Dwitia Khanda                                  | 0.00%                 | 0.00%                 | 16.67%              | 8.33%               | 0.00%        | 0.00%        | 62.50%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Chhat Balakuthi   | 0.00%                 | 0.00%                 | 30.00%              | 30.00%              | 0.00%        | 0.00%        | 0.00%                        | 20.00%                       | 0.00%                        | 0.00%                  |
| Bakla   | 3.33%                 | 0.00%                 | 0.00%               | 3.33%               | 0.00%        | 0.00%        | 43.33%                       | 0.00%                        | 0.00%                        | 0.00%                  |
| Shilghagri  | 0.00%                 | 0.00%                 | 4.17%               | 0.00%               | 0.00%        | 0.00%        | 16.67%                       | 0.00%                        | 0.00%                        | 0.00%                  |

### B 13c. Ranking by educational status

| Villages                        | ESCINDX | Rank | WESCINDX | Rank |
|---------------------------------|---------|------|----------|------|
| Boragari                        | 18.62   | 43   | 23.26    | 43   |
| Borakhata                       | 14.76   | 48   | 11.67    | 48   |
| Hollanger Kuthi                 | 23.65   | 23   | 39.12    | 29   |
| Kachuban                        | 24.71   | 19   | 45.52    | 22   |
| Karibharal                      | 28.21   | 2    | 48.62    | 18   |
| Kharija Kakribari               | 25.74   | 16   | 47.86    | 19   |
| Kokoabari                       | 14.94   | 47   | 9.92     | 49   |
| Petbhata Chandanchowra          | 24.32   | 21   | 41.17    | 28   |
| Siddheswari                     | 22.32   | 26   | 41.93    | 27   |
| Uttar Gayargari                 | 23.32   | 24   | 45.83    | 21   |
| Barabangla                      | 27.44   | 9    | 55.81    | 12   |
| Kajalikura                      | 25.72   | 17   | 53.43    | 14   |
| Padmamari                       | 28.21   | 1    | 49.44    | 17   |
| Sonarhat                        | 21.18   | 32   | 30.20    | 40   |
| Elejanerkuthi                   | 22.95   | 25   | 50.04    | 16   |
| Gosainganj                      | 21.64   | 30   | 38.49    | 32   |
| Sitalabas                       | 21.50   | 31   | 42.19    | 26   |
| Natuarpar                       | 20.74   | 36   | 37.70    | 33   |
| Garubhasa                       | 25.36   | 18   | 55.29    | 13   |
| Dodumari                        | 21.11   | 33   | 38.90    | 30   |
| Malatiguri                      | 21.67   | 29   | 43.10    | 24   |
| Dharmabarer Kuthi               | 16.95   | 44   | 18.47    | 45   |
| Baisguri Khanda                 | 22.32   | 27   | 44.36    | 23   |
| Daksin Kharija Gitaldaha        | 20.63   | 37   | 37.66    | 34   |
| Chhat Khochabari Dwitiyo Khanda | 19.98   | 38   | 33.64    | 38   |
| Gaochulca                       | 21.84   | 28   | 42.76    | 25   |
| Purbba Hudumdanga               | 23.74   | 22   | 46.50    | 20   |
| Madhya Chhat Gopalpur           | 28.03   | 4    | 65.79    | 6    |
| Chhat Khagribari                | 27.74   | 7    | 67.46    | 4    |
| Chhota Chhat Dhan Dhan          | 27.42   | 11   | 67.19    | 5    |
| Indrerakuthi                    | 27.47   | 8    | 59.97    | 10   |
| Kharija Ratanpur                | 27.94   | 5    | 61.34    | 9    |
| Chandamari                      | 20.93   | 35   | 37.65    | 35   |
| Kurshamari                      | 19.23   | 41   | 32.16    | 39   |
| Nagar Gopalganj                 | 16.58   | 46   | 18.97    | 44   |
| Patakamari                      | 13.50   | 50   | 8.20     | 50   |
| Fulkadabri Bajejama             | 28.21   | 2    | 71.27    | 1    |
| Bara Nijtaraf                   | 26.29   | 14   | 57.31    | 11   |
| Fulkadabri                      | 27.90   | 6    | 69.00    | 2    |
| Paschim Gopalpur                | 26.50   | 13   | 63.52    | 8    |
| Satgharia                       | 19.82   | 39   | 36.67    | 37   |
| Shatimari                       | 27.42   | 10   | 65.77    | 7    |
| Gangadhar                       | 27.23   | 12   | 68.50    | 3    |
| Fulbari                         | 14.55   | 49   | 12.19    | 47   |
| Chikliguri Dwitia Khanda        | 18.68   | 42   | 25.18    | 42   |
| Velakopa Pratham Khanda         | 19.30   | 40   | 27.78    | 41   |
| Bashraja Dwitia Khanda          | 25.91   | 15   | 52.54    | 15   |
| Chhat Balakuthi                 | 24.63   | 20   | 38.75    | 31   |
| Bakla                           | 21.01   | 34   | 37.63    | 36   |
| Shilghagri                      | 16.71   | 45   | 16.06    | 46   |

Note: 1) ESCINDX=unweighted index, WESCINDX=weighted index

2) The villages are ranked in descending order by the respective index.

3) The rank correlation between the two indices is 0.9403 and the correlation between the indices is 0.9505.

Note that, we considered several categories for both SC/ST and others groups: never enrolled, dropped out after enrollment, enrolled but does not attend school, regularly attends school; whether illiterate, left school after completing primary education, middle school or secondary education. The overall description for the SC/ST types reveal that despite much hyped mid-day meal program at the state level, not more than 40% of all school going children (between age 6-14) in Cooch Behar actually received it. Tables B13iv shows that only a few village schools received at least two types of government aid: namely, books/uniform/mid-day meal. There is no village, which received all types of government aid pledged and budgeted for. There should be no doubts that many regions in the country cannot afford most of these facilities and much of it may be attributed to distance, remoteness and prohibitively high cost of public delivery. The state of affairs in West Bengal, however, shows that geographic proximity or accessibility may not come as a pure advantage: it still gives rise to substantial exclusion in terms of access to public good if the delivery mechanism falters heavily due to inefficiency and corruption. In brief, Patakamari, kokoabari, Boragari etc. owing to extremely poor performance in terms of public goods delivery for education end up ranking at the bottom of the table. The villages of Fulkadabri and Fulkadabri Bajejama rank 2 and 1 respectively according to our weighted index because both report about 90% government support through mid-day meal and other grants.

**A 13a-i) Education Status (School status and educational level)**

| <b>Status of Education(6-14years) for Others</b> |                         |                              |   |                                 |              |                          |                                |                |                           |                  |
|--|-------------------------|------------------------------|---|---------------------------------|--------------|--------------------------|--------------------------------|----------------|---------------------------|------------------|
| <b>Villages</b>                                  | <b>Schooling Status</b> |                              |   |                                 |              | <b>Educational Level</b> |                                |                |                           |                  |
|  | <b>Never Enrolled</b>   | <b>Left after enrollment</b> | <b>Enrolled but does not go to school</b> | <b>Regularly goes to school</b> | <b>Other</b> | <b>Illiterate</b>        | <b>Below Primary /Informal</b> | <b>Primary</b> | <b>Middle (Class-VII)</b> | <b>Secondary</b> |
| <b>Boragari</b>                                  | 0.00%                   | 0.00%                        | 0.00%                                     | 63.64%                          | 0.00%        | 0.00%                    | 27.27%                         | 18.18%         | 18.18%                    | 0.00%            |
| <b>Borakhata</b>                                 | 0.00%                   | 0.00%                        | 0.00%                                     | 86.67%                          | 0.00%        | 0.00%                    | 26.67%                         | 46.67%         | 13.33%                    | 0.00%            |
| <b>Hollanger Kuthi</b>                           | 0.00%                   | 0.00%                        | 0.00%                                     | 28.85%                          | 0.00%        | 0.00%                    | 0.00%                          | 23.08%         | 5.77%                     | 0.00%            |
| <b>Kachuban</b>                                  | 0.00%                   | 0.00%                        | 5.71%                                     | 14.29%                          | 0.00%        | 0.00%                    | 0.00%                          | 5.71%          | 14.29%                    | 0.00%            |
| <b>Karibharal</b>                                | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| <b>Kharija Kakribari</b>                         | 0.00%                   | 0.00%                        | 1.82%                                     | 5.45%                           | 0.00%        | 0.00%                    | 0.00%                          | 3.64%          | 1.82%                     | 1.82%            |
| <b>Kokoabari</b>                                 | 0.00%                   | 0.00%                        | 0.00%                                     | 87.50%                          | 0.00%        | 0.00%                    | 0.00%                          | 62.50%         | 12.50%                    | 12.50%           |
| <b>Petbhata Chandanchowra</b>                    | 0.00%                   | 0.00%                        | 0.00%                                     | 24.56%                          | 0.00%        | 0.00%                    | 0.00%                          | 21.05%         | 3.51%                     | 0.00%            |
| <b>Siddheswari</b>                               | 0.00%                   | 0.00%                        | 0.00%                                     | 36.21%                          | 1.72%        | 0.00%                    | 6.90%                          | 17.24%         | 12.07%                    | 1.72%            |
| <b>Uttar Gayargari</b>                           | 0.00%                   | 0.00%                        | 0.00%                                     | 31.43%                          | 0.00%        | 0.00%                    | 0.00%                          | 25.71%         | 5.71%                     | 0.00%            |
| <b>Barabangla</b>                                | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| <b>Kajalikura</b>                                | 0.00%                   | 0.00%                        | 0.00%                                     | 15.28%                          | 0.00%        | 0.00%                    | 0.00%                          | 12.68%         | 2.82%                     | 0.00%            |
| <b>Padmamari</b>                                 | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| <b>Sonarhat</b>                                  | 0.00%                   | 0.00%                        | 6.67%                                     | 26.67%                          | 0.00%        | 0.00%                    | 7.14%                          | 28.57%         | 0.00%                     | 0.00%            |
| <b>Elejanerkuthi</b>                             | 0.00%                   | 5.26%                        | 0.00%                                     | 26.32%                          | 0.00%        | 0.00%                    | 29.41%                         | 0.00%          | 0.00%                     | 0.00%            |
| <b>Gosainganj</b>                                | 0.00%                   | 0.00%                        | 0.00%                                     | 41.18%                          | 0.00%        | 0.00%                    | 29.41%                         | 5.88%          | 5.88%                     | 0.00%            |
| <b>Sitalabas</b>                                 | 0.00%                   | 0.00%                        | 0.00%                                     | 44.00%                          | 0.00%        | 4.00%                    | 40.00%                         | 0.00%          | 0.00%                     | 0.00%            |
| <b>Natuarpar</b>                                 | 5.00%                   | 0.00%                        | 0.00%                                     | 45.00%                          | 0.00%        | 0.00%                    | 15.00%                         | 30.00%         | 5.00%                     | 0.00%            |
| <b>Garubhasa</b>                                 | 0.00%                   | 0.00%                        | 0.00%                                     | 17.65%                          | 0.00%        | 0.00%                    | 5.88%                          | 11.76%         | 0.00%                     | 0.00%            |
| <b>Dodumari</b>                                  | 0.00%                   | 0.00%                        | 0.00%                                     | 47.37%                          | 0.00%        | 0.00%                    | 21.05%                         | 21.05%         | 5.26%                     | 0.00%            |
| <b>Malatiguri</b>                                | 0.00%                   | 0.00%                        | 0.00%                                     | 41.38%                          | 0.00%        | 0.00%                    | 31.03%                         | 10.34%         | 0.00%                     | 0.00%            |
| <b>Dharmabarer Kuthi</b>                         | 0.00%                   | 0.00%                        | 0.00%                                     | 66.67%                          | 4.76%        | 0.00%                    | 47.62%                         | 14.29%         | 9.52%                     | 0.00%            |
| <b>Baisguri Khanda</b>                           | 0.00%                   | 0.00%                        | 0.00%                                     | 33.33%                          | 0.00%        | 0.00%                    | 30.00%                         | 5.00%          | 0.00%                     | 0.00%            |
| <b>Daksin Kharija Gitaldaha</b>                  | 0.00%                   | 0.00%                        | 0.00%                                     | 45.45%                          | 0.00%        | 0.00%                    | 36.36%                         | 9.09%          | 0.00%                     | 0.00%            |
| <b>Chhat Khochabari Dwitiyo Khanda</b>           | 0.00%                   | 0.00%                        | 0.00%                                     | 54.17%                          | 0.00%        | 0.00%                    | 33.33%                         | 16.67%         | 4.17%                     | 0.00%            |

**A 13b-i) Education Status (School status and educational level)**

| <b>Status of Education(6-14years) for Others (cont.)</b> |                         |                              |   |                                 |              |                          |                                |                |                           |                  |
|--|-------------------------|------------------------------|---|---------------------------------|--------------|--------------------------|--------------------------------|----------------|---------------------------|------------------|
| <b>Villages</b>  | <b>Schooling Status</b> |                              |   |                                 |              | <b>Educational Level</b> |                                |                |                           |                  |
|  | <b>Never Enrolled</b>   | <b>Left after enrollment</b> | <b>Enrolled but does not go to school</b> | <b>Regularly goes to school</b> | <b>Other</b> | <b>Illiterate</b>        | <b>Below Primary /Informal</b> | <b>Primary</b> | <b>Middle (Class-VII)</b> | <b>Secondary</b> |
| Gaochulca  | 0.00%                   | 0.00%                        | 0.00%                                     | 41.67%                          | 0.00%        | 0.00%                    | 16.67%                         | 25.00%         | 0.00%                     | 0.00%            |
| Purbba Hudumdanga  | 4.76%                   | 4.76%                        | 0.00%                                     | 19.05%                          | 0.00%        | 0.00%                    | 0.00%                          | 23.81%         | 4.76%                     | 0.00%            |
| Madhya Chhat Gopalpur                                    | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Chhat Khagribari   | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Chhota Chhat Dhan Dhan                                   | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Indrerakuthi   | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Kharija Ratanpur   | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Chandamari   | 0.00%                   | 0.00%                        | 0.00%                                     | 47.37%                          | 0.00%        | 0.00%                    | 42.11%                         | 5.26%          | 0.00%                     | 0.00%            |
| Kurshamari   | 0.00%                   | 8.70%                        | 4.35%                                     | 47.83%                          | 0.00%        | 0.00%                    | 47.83%                         | 13.04%         | 0.00%                     | 0.00%            |
| Nagar Gopalganj  | 0.00%                   | 0.00%                        | 3.45%                                     | 72.41%                          | 0.00%        | 3.45%                    | 34.48%                         | 34.48%         | 3.45%                     | 0.00%            |
| Patakamari   | 0.00%                   | 0.00%                        | 5.88%                                     | 82.35%                          | 0.00%        | 0.00%                    | 52.94%                         | 11.76%         | 23.53%                    | 0.00%            |
| Fulkadabri Bajejama                                      | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Bara Nijtaraf  | 0.00%                   | 0.00%                        | 0.00%                                     | 9.09%                           | 0.00%        | 0.00%                    | 9.09%                          | 0.00%          | 0.00%                     | 0.00%            |
| Fulkadabri   | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Paschim Gopalpur   | 0.00%                   | 0.00%                        | 0.00%                                     | 11.11%                          | 0.00%        | 0.00%                    | 3.70%                          | 7.41%          | 0.00%                     | 0.00%            |
| Satgharia  | 0.00%                   | 0.00%                        | 0.00%                                     | 52.38%                          | 0.00%        | 19.05%                   | 28.57%                         | 4.76%          | 0.00%                     | 0.00%            |
| Shatimari  | 0.00%                   | 0.00%                        | 0.00%                                     | 5.00%                           | 0.00%        | 0.00%                    | 5.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Gangadhar  | 0.00%                   | 0.00%                        | 0.00%                                     | 0.00%                           | 0.00%        | 0.00%                    | 0.00%                          | 0.00%          | 0.00%                     | 0.00%            |
| Fulbari  | 15.00%                  | 5.00%                        | 2.50%                                     | 60.00%                          | 0.00%        | 9.38%                    | 37.50%                         | 40.63%         | 0.00%                     | 0.00%            |
| Chikliguri Dwitia Khanda                                 | 0.00%                   | 7.14%                        | 0.00%                                     | 53.57%                          | 0.00%        | 0.00%                    | 35.71%                         | 14.29%         | 10.71%                    | 0.00%            |
| Velakopa Pratham Khanda                                  | 0.00%                   | 4.35%                        | 0.00%                                     | 52.17%                          | 0.00%        | 0.00%                    | 13.04%                         | 30.43%         | 13.04%                    | 0.00%            |
| Bashraja Dwitia Khanda                                   | 0.00%                   | 0.00%                        | 0.00%                                     | 15.38%                          | 0.00%        | 0.00%                    | 3.85%                          | 7.69%          | 3.85%                     | 0.00%            |
| Chhat Balakuthi  | 0.00%                   | 0.00%                        | 0.00%                                     | 21.05%                          | 0.00%        | 0.00%                    | 0.00%                          | 10.53%         | 10.53%                    | 0.00%            |
| Bakla  | 0.00%                   | 2.56%                        | 0.00%                                     | 43.59%                          | 0.00%        | 0.00%                    | 2.56%                          | 20.51%         | 23.08%                    | 0.00%            |
| Shilghagri   | 0.00%                   | 3.57%                        | 3.57%                                     | 67.86%                          | 0.00%        | 0.00%                    | 0.00%                          | 75.00%         | 0.00%                     | 0.00%            |

**A 13a-ii) Educational Status (type of school & distance from school)**

| Status of Education(6-14years) for Others (cont.) |                |             |         |         |            |          |       |                          |                      |        |        |           |
|---|----------------|-------------|---------|---------|------------|----------|-------|--------------------------|----------------------|--------|--------|-----------|
| Villages  | Type of School |             |         |         |            |          |       |                          | Distance from school |        |        |           |
|   | Government     | Govt. Aided | Private | Madrasa | Missionary | Informal | Other | Government & Govt. Aided | Within 1km           | 1-2km  | 2-4km  | Above 4km |
| Boragari  | 18.18%         | 36.36%      | 9.09%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 36.36%               | 18.18% | 9.09%  | 0.00%     |
| Borakhata   | 20.00%         | 66.67%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 20.00%               | 46.67% | 13.33% | 6.67%     |
| Hollanger Kuthi                                   | 19.23%         | 3.85%       | 5.77%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 21.15%               | 5.77%  | 1.92%  | 0.00%     |
| Kachuban  | 5.71%          | 14.29%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 17.14%               | 0.00%  | 2.86%  | 0.00%     |
| Karibharal  | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Kharija Kakribari                                 | 1.82%          | 5.45%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 1.82%                | 1.82%  | 1.82%  | 1.82%     |
| Kokoabari   | 25.00%         | 50.00%      | 12.50%  | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 25.00%               | 0.00%  | 62.50% | 0.00%     |
| Petbhata Chandanchowra                            | 17.54%         | 7.02%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 19.30%               | 0.00%  | 3.51%  | 1.75%     |
| Siddheswari                                       | 8.62%          | 28.45%      | 0.86%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 16.38%               | 11.21% | 10.34% | 0.00%     |
| Uttar Gayargari                                   | 0.00%          | 31.43%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 22.86%               | 0.00%  | 8.57%  | 0.00%     |
| Barabangla  | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Kajalikura  | 0.00%          | 15.49%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 11.27%               | 0.00%  | 4.23%  | 0.00%     |
| Padmamari   | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Sonarhat  | 0.00%          | 33.33%      | 8.33%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 25.00%               | 16.67% | 0.00%  | 0.00%     |
| Elejanerkuthi                                     | 0.00%          | 29.41%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 17.65%               | 11.76% | 0.00%  | 0.00%     |
| Gosainganj  | 0.00%          | 29.41%      | 11.76%  | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 5.88%                | 11.76% | 11.76% | 11.76%    |
| Sitalabas   | 0.00%          | 44.00%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 40.00%               | 4.00%  | 0.00%  | 0.00%     |
| Natuarpar   | 25.00%         | 25.00%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 15.00%               | 20.00% | 10.00% | 5.00%     |
| Garubhasa   | 0.00%          | 18.75%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 6.25%                | 0.00%  | 0.00%  | 12.50%    |
| Dodumari  | 0.00%          | 47.37%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 31.58%               | 10.53% | 5.26%  | 0.00%     |
| Malatiguri  | 0.00%          | 41.38%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 31.03%               | 10.34% | 0.00%  | 0.00%     |
| Dharmabarar Kuthi                                 | 0.4761905      | 9.52%       | 4.76%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 9.52%                    | 28.57%               | 9.52%  | 9.52%  | 23.81%    |
| Baisguri Khanda                                   | 0.00%          | 35.00%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 30.00%               | 5.00%  | 0.00%  | 0.00%     |
| Daksin Kharija Gitaldaha                          | 0.00%          | 47.62%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 33.33%               | 9.52%  | 0.00%  | 4.76%     |
| Chhat Khochabari Dwitiyo Khanda                   | 0.00%          | 54.17%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 20.83% | 12.50% | 20.83%    |

**A 13b-ii Educational Status (type of school & distance from school)**

| Status of Education(6-14years) for Others (cont.) |                |             |         |         |            |          |       |                          |                      |        |        |           |
|---|----------------|-------------|---------|---------|------------|----------|-------|--------------------------|----------------------|--------|--------|-----------|
| Villages  | Type of School |             |         |         |            |          |       |                          | Distance from school |        |        |           |
|   | Government     | Govt. Aided | Private | Madrasa | Missionary | Informal | Other | Government & Govt. Aided | Within 1km           | 1-2km  | 2-4km  | Above 4km |
| Gaochulca   | 0.00%          | 41.67%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 25.00%               | 16.67% | 0.00%  | 0.00%     |
| Purbba Hudumdanga                                 | 0.00%          | 28.57%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 20.00% | 10.00% | 0.00%     |
| Madhya Chhat Gopalpur                             | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Chhat Khagribari                                  | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Chhota Chhat Dhan Dhanian                         | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Indrerkuthi                                       | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Kharija Ratanpur                                  | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Chandamari  | 0.00%          | 47.37%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 15.79%               | 21.05% | 5.26%  | 5.26%     |
| Kurshamari  | 0.00%          | 59.09%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 31.82%               | 27.27% | 0.00%  | 0.00%     |
| Nagar Gopalganj                                   | 0.00%          | 72.41%      | 0.00%   | 3.45%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 41.38%               | 6.90%  | 20.69% | 6.90%     |
| Patakamari  | 0.00%          | 75.00%      | 18.75%  | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 68.75%               | 25.00% | 0.00%  | 0.00%     |
| Fulkadabri Bajejama                               | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Bara Nijtaraf                                     | 0.00%          | 9.09%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 9.09%  | 0.00%  | 0.00%     |
| Fulkadabri  | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Paschim Gopalpur                                  | 0.00%          | 11.11%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 3.70%                | 0.00%  | 0.00%  | 7.41%     |
| Satgharia   | 0.00%          | 47.62%      | 4.76%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 52.38%               | 0.00%  | 0.00%  | 0.00%     |
| Shatimari   | 0.00%          | 5.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 5.00%                | 0.00%  | 0.00%  | 0.00%     |
| Gangadhar   | 0.00%          | 0.00%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 0.00%                | 0.00%  | 0.00%  | 0.00%     |
| Fulbari   | 0.00%          | 86.21%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 72.41%               | 6.90%  | 6.90%  | 0.00%     |
| Chikliguri Dwitia Khanda                          | 30.00%         | 25.00%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 39.29%               | 17.86% | 3.57%  | 0.00%     |
| Velakopa Pratham Khanda                           | 0.00%          | 54.55%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 18.18%               | 18.18% | 13.64% | 4.55%     |
| Bashraja Dwitia Khanda                            | 7.69%          | 7.69%       | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 3.85%                | 0.00%  | 11.54% | 0.00%     |
| Chhat Balakuthi                                   | 11.11%         | 11.11%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 16.67%               | 0.00%  | 2.78%  | 2.78%     |
| Bakla   | 0.00%          | 46.15%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 41.03%               | 5.13%  | 0.00%  | 0.00%     |
| Shilghagri  | 42.31%         | 30.77%      | 0.00%   | 0.00%   | 0.00%      | 0.00%    | 0.00% | 0.00%                    | 65.38%               | 3.85%  | 3.85%  | 0.00%     |

**A 13a-iii) Educational Status (Medium of instructions)**

| Status of Education(6-14years) for Others (cont.) |                                 |         |                   |       |       |                |       |
|---|---------------------------------|---------|-------------------|-------|-------|----------------|-------|
| Villages  | Medium of instruction at school |         |                   |       |       |                |       |
|   | Bengali                         | English | Bengali & English | Hindi | Urdu  | Local Language | Other |
| Boragari  | 63.64%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Borakhata   | 86.67%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Hollanger Kuthi                                   | 22.12%                          | 0.00%   | 5.77%             | 0.00% | 0.96% | 0.00%          | 0.00% |
| Kachuban  | 14.29%                          | 0.00%   | 5.71%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Karibharal  | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Kharija Kakribari                                 | 3.64%                           | 0.00%   | 3.64%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Kokoabari   | 0.00%                           | 0.00%   | 87.50%            | 0.00% | 0.00% | 0.00%          | 0.00% |
| Petbhata Chandanchowra                            | 21.05%                          | 0.00%   | 3.51%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Siddheswari                                       | 34.48%                          | 1.72%   | 0.00%             | 1.72% | 0.00% | 0.00%          | 0.00% |
| Uttar Gayargari                                   | 31.43%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Barabangla  | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Kajalikura  | 15.49%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Padmamari   | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Sonarhat  | 16.67%                          | 0.00%   | 25.00%            | 0.00% | 0.00% | 0.00%          | 0.00% |
| Elejanerkuthi                                     | 29.41%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Gosainganj  | 35.29%                          | 5.88%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Sitalabas   | 44.00%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Natuarpar   | 50.00%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Garubhasa   | 18.75%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Dodumari  | 47.37%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Malatiguri  | 41.38%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Dharmabarar Kuthi                                 | 71.43%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Baisguri Khanda                                   | 35.00%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Daksin Kharija Gitaldaha                          | 47.62%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Chhat Khochabari Dwitiyo Khanda                   | 45.83%                          | 8.33%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |



**A 13b-iii) Educational Status (Medium of instructions)**

| Status of Education(6-14years) for others (cont.) |                                 |         |                   |       |       |                |       |
|---|---------------------------------|---------|-------------------|-------|-------|----------------|-------|
| Villages  | Medium of instruction at school |         |                   |       |       |                |       |
|   | Bengali                         | English | Bengali & English | Hindi | Urdu  | Local Language | Other |
| Gaochulca   | 41.67%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Purbba Hudumdanga                                 | 28.57%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Madhya Chhat Gopalpur                             | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Chhat Khagribari                                  | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Chhota Chhat Dhan Dhania                          | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Indrerkuthi                                       | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Kharija Ratanpur                                  | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Chandamari  | 47.37%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Kurshamari  | 55.00%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Nagar Gopalganj                                   | 72.41%                          | 0.00%   | 0.00%             | 0.00% | 3.45% | 0.00%          | 0.00% |
| Patakamari  | 87.50%                          | 6.25%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Fulkadabri Bajejama                               | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Bara Nijtaraf                                     | 9.09%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Fulkadabri  | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Paschim Gopalpur                                  | 11.11%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Satgharia   | 52.38%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Shatimari   | 5.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Gangadhar   | 0.00%                           | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Fulbari   | 86.21%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Chikliguri Dwitia Khanda                          | 60.71%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Velakopa Pratham Khanda                           | 54.55%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Bashraja Dwitia Khanda                            | 15.38%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Chhat Balakuthi                                   | 22.22%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Bakla   | 46.15%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |
| Shilghagri  | 73.08%                          | 0.00%   | 0.00%             | 0.00% | 0.00% | 0.00%          | 0.00% |

**A 13a-iv) Educational Status (Government aid)**

| Status of Education(6-14years) for Others (cont.) |                |                |              |              |       |       |                        |                        |                        |                 |
|---|----------------|----------------|--------------|--------------|-------|-------|------------------------|------------------------|------------------------|-----------------|
| Villages  | Government Aid |                |              |              |       |       |                        |                        |                        |                 |
|   | Books          | School Uniform | Scholarships | Mid-day meal | Cycle | Other | Combina tion of 2 aids | Combina tion of 3 aids | Combina tion of 4 aids | Did not receive |
| Boragari  | 11.11%         | 0.00%          | 0.00%        | 11.11%       | 0.00% | 0.00% | 33.33%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Borakhata   | 9.09%          | 0.00%          | 0.00%        | 27.27%       | 0.00% | 0.00% | 45.45%                 | 9.09%                  | 0.00%                  | 0.00%           |
| Hollanger Kuthi                                   | 2.70%          | 0.00%          | 0.00%        | 8.11%        | 0.00% | 0.00% | 18.92%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Kachuban  | 0.00%          | 0.00%          | 0.00%        | 3.23%        | 0.00% | 0.00% | 16.13%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Karibharal  | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                  | 0.00%                  | 0.00%                  | 0.00%           |
| Kharija Kakribari                                 | 3.92%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                  | 0.00%                  | 0.00%                  | 1.96%           |
| Kokoabari   | 20.00%         | 0.00%          | 0.00%        | 20.00%       | 0.00% | 0.00% | 40.00%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Petbhata Chandanchowra                            | 10.20%         | 0.00%          | 0.00%        | 4.08%        | 0.00% | 0.00% | 14.29%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Siddheswari                                       | 0.00%          | 0.00%          | 0.00%        | 19.35%       | 0.00% | 0.00% | 15.05%                 | 0.00%                  | 0.00%                  | 3.23%           |
| Uttar Gayargari                                   | 0.00%          | 0.00%          | 0.00%        | 3.33%        | 0.00% | 0.00% | 30.00%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Barabangla  | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                  | 0.00%                  | 0.00%                  | 0.00%           |
| Kajalikura  | 0.00%          | 0.00%          | 0.00%        | 1.69%        | 0.00% | 0.00% | 15.25%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Padmamari   | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                  | 0.00%                  | 0.00%                  | 0.00%           |
| Sonarhat  | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 40.00%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Elejanerkuthi                                     | 6.67%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 26.67%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Gosainganj  | 7.69%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 30.77%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Sitalabas   | 0.00%          | 0.00%          | 0.00%        | 4.17%        | 0.00% | 0.00% | 37.50%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Natuarpar   | 0.00%          | 0.00%          | 0.00%        | 23.53%       | 0.00% | 0.00% | 17.65%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Garubhasa   | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 7.69%                  | 0.00%                  | 0.00%                  | 0.00%           |
| Dodumari  | 26.67%         | 0.00%          | 6.67%        | 0.00%        | 0.00% | 0.00% | 6.67%                  | 0.00%                  | 0.00%                  | 0.00%           |
| Malatiguri  | 12.00%         | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 36.00%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Dharmabarar Kuthi                                 | 9.09%          | 0.00%          | 0.00%        | 18.18%       | 0.00% | 0.00% | 54.55%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Baisguri Khanda                                   | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 27.78%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Daksin Kharija Gitaldaha                          | 10.53%         | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 42.11%                 | 0.00%                  | 0.00%                  | 0.00%           |
| Chhat Khochabari Dwitiyo Khanda                   | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 50.00%                 | 0.00%                  | 0.00%                  | 0.00%           |

**A 13b-iv) Educational Status (Government aid)**

| Status of Education(6-14years) for Others (cont.) |                |                |              |              |       |       |                       |                       |                       |                 |
|---|----------------|----------------|--------------|--------------|-------|-------|-----------------------|-----------------------|-----------------------|-----------------|
| Villages  | Government Aid |                |              |              |       |       |                       |                       |                       |                 |
|   | Books          | School Uniform | Scholarships | Mid-day meal | Cycle | Other | Combination of 2 aids | Combination of 3 aids | Combination of 4 aids | Did not receive |
| Gaochulca   | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 40.00%                | 0.00%                 | 0.00%                 | 0.00%           |
| Purbba Hudumdanga                                 | 20.00%         | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 10.00%                | 0.00%                 | 0.00%                 | 0.00%           |
| Madhya Chhat Gopalpur                             | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Chhat Khagribari                                  | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Chhota Chhat Dhan Dhaniania                       | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Indrerkuthi                                       | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Kharija Ratanpur                                  | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Chandamari  | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 41.18%                | 0.00%                 | 5.88%                 | 0.00%           |
| Kurshamari  | 0.00%          | 0.00%          | 0.00%        | 15.00%       | 0.00% | 0.00% | 40.00%                | 0.00%                 | 0.00%                 | 0.00%           |
| Nagar Gopalganj                                   | 0.00%          | 0.00%          | 0.00%        | 17.39%       | 0.00% | 0.00% | 56.52%                | 0.00%                 | 0.00%                 | 0.00%           |
| Patakamari  | 0.00%          | 0.00%          | 0.00%        | 23.08%       | 0.00% | 0.00% | 69.23%                | 0.00%                 | 0.00%                 | 0.00%           |
| Fulkadabri Bajejama                               | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Bara Nijtaraf                                     | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 11.11%                | 0.00%                 | 0.00%                 | 0.00%           |
| Fulkadabri  | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Paschim Gopalpur                                  | 0.00%          | 0.00%          | 0.00%        | 3.70%        | 0.00% | 0.00% | 7.41%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Satgharia   | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 46.15%                | 0.00%                 | 0.00%                 | 0.00%           |
| Shatimari   | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 5.56%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Gangadhar   | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 0.00%                 | 0.00%                 | 0.00%                 | 0.00%           |
| Fulbari   | 0.00%          | 0.00%          | 0.00%        | 14.81%       | 0.00% | 0.00% | 74.07%                | 0.00%                 | 0.00%                 | 0.00%           |
| Chikliguri Dwitia Khanda                          | 4.76%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 61.90%                | 0.00%                 | 0.00%                 | 0.00%           |
| Velakopa Pratham Khanda                           | 4.76%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 4.76% | 42.86%                | 0.00%                 | 0.00%                 | 0.00%           |
| Bashraja Dwitia Khanda                            | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 12.50%                | 0.00%                 | 0.00%                 | 0.00%           |
| Chhat Balakuthi                                   | 0.00%          | 0.00%          | 0.00%        | 10.00%       | 0.00% | 0.00% | 10.00%                | 0.00%                 | 0.00%                 | 0.00%           |
| Bakla   | 0.00%          | 0.00%          | 3.33%        | 3.33%        | 0.00% | 0.00% | 43.33%                | 0.00%                 | 0.00%                 | 0.00%           |
| Shilghagri  | 0.00%          | 0.00%          | 0.00%        | 0.00%        | 0.00% | 0.00% | 79.17%                | 0.00%                 | 0.00%                 | 0.00%           |

### A 13c. Rank of villages by Education Status Index for OTHERS

| Villages                        | EOINDX | Rank | WEOINDX | Rank |
|---------------------------------|--------|------|---------|------|
| Boragari                        | 22.40  | 8    | 34.33   | 8    |
| Borakhata                       | 26.26  | 2    | 46.45   | 3    |
| Hollanger Kuthi                 | 17.28  | 27   | 17.27   | 28   |
| Kachuban                        | 15.59  | 32   | 13.04   | 32   |
| Karibharal                      | 12.82  | 40   | 4.29    | 40   |
| Kharija Kakribari               | 13.71  | 38   | 6.56    | 39   |
| Kokoabari                       | 26.09  | 3    | 35.43   | 7    |
| Petbhata Chandanchowra          | 16.70  | 30   | 15.48   | 30   |
| Siddheswari                     | 18.48  | 23   | 22.02   | 24   |
| Uttar Gayargari                 | 17.70  | 26   | 21.28   | 26   |
| Barabangla                      | 12.82  | 40   | 4.29    | 40   |
| Kajalikura                      | 15.24  | 34   | 12.69   | 33   |
| Padmamari                       | 12.82  | 40   | 4.29    | 40   |
| Sonarhat                        | 18.48  | 24   | 21.67   | 25   |
| Elejanerkuthi                   | 17.23  | 28   | 19.62   | 27   |
| Gosainganj                      | 19.09  | 22   | 23.15   | 22   |
| Sitalabas                       | 19.32  | 20   | 27.81   | 17   |
| Natuarpur                       | 20.03  | 15   | 26.65   | 19   |
| Garubhasa                       | 15.37  | 33   | 12.56   | 34   |
| Dodumari                        | 19.92  | 16   | 26.18   | 21   |
| Malatiguri                      | 19.36  | 19   | 26.52   | 20   |
| Dharmabarar Kuthi               | 24.08  | 6    | 36.25   | 6    |
| Baisguri Khanda                 | 17.98  | 25   | 22.56   | 23   |
| Daksin Kharija Gitaldaha        | 20.16  | 13   | 29.25   | 14   |
| Chhat Khochabari Dwitiyo Khanda | 21.05  | 11   | 30.61   | 13   |
| Gaochulca                       | 19.19  | 21   | 26.80   | 18   |
| Purbba Hudumdanga               | 16.80  | 29   | 16.39   | 29   |
| Madhya Chhat Gopalpur           | 12.82  | 40   | 4.29    | 40   |
| Chhat Khagribari                | 12.82  | 40   | 4.29    | 40   |
| Chhota Chhat Dhan Dhan          | 12.82  | 40   | 4.29    | 40   |
| Indrerkuthi                     | 12.82  | 40   | 4.29    | 40   |
| Kharija Ratanpur                | 12.82  | 40   | 4.29    | 40   |
| Chandamari                      | 20.10  | 14   | 28.77   | 16   |
| Kurshamari                      | 21.12  | 10   | 33.48   | 10   |
| Nagar Gopalganj                 | 24.09  | 5    | 42.51   | 4    |
| Patakamari                      | 26.62  | 1    | 50.39   | 1    |
| Fulkadabri Bajejama             | 12.82  | 40   | 4.29    | 40   |
| Bara Nijtaraf                   | 14.27  | 37   | 9.31    | 37   |
| Fulkadabri                      | 12.82  | 40   | 4.29    | 40   |
| Paschim Gopalpur                | 14.53  | 36   | 9.83    | 36   |
| Satgharia                       | 19.74  | 18   | 31.00   | 12   |
| Shatimari                       | 13.60  | 39   | 7.11    | 38   |
| Gangadhar                       | 12.82  | 40   | 4.29    | 40   |
| Fulbari                         | 24.46  | 4    | 47.24   | 2    |
| Chikliguri Dwitia Khanda        | 21.80  | 9    | 33.80   | 9    |
| Velakopa Pratham Khanda         | 21.04  | 12   | 31.57   | 11   |
| Bashraja Dwitia Khanda          | 15.11  | 35   | 11.44   | 35   |
| Chhat Balakuthi                 | 16.12  | 31   | 14.54   | 31   |
| Bakla                           | 19.89  | 17   | 28.78   | 15   |
| Shilghagri                      | 23.95  | 7    | 41.83   | 5    |

Note: 1) EOINDX=unweighted index, WEOINDX=weighted index

2) The villages are ranked in descending order by the respective index.

3) The rank correlation between the two indices is 0.9928 and the correlation between the indices is 0.9857.

### **5.11 Primary source of Household Incomes and Expenditures (B14a-c/ A14a-c) (B15a-c/ A15a-c)**

The following tables show the extent of household income accruing to SC/ST and the others group. The major occupational categories include, agricultural labourer, sharecropper, sharecropper with agricultural land owned, public sector employee, private sector employee, small scale artisan, fisherman, weaver, business etc. These constitute the main domain of activities in the region. Not unexpectedly (see Table B14a) the larger share of workers belongs to the group of agricultural laborers with occasional government employees and large number in unspecified or multiple occupations. Considering that certain forms of household occupations offer more stable and regular sources of income, we obtain a rank index where villages of Madhyachhat Gopalpur and Fulkadabri are ranked highest among the 50 villages surveyed. Table B15a on the other hand show that much of the average annual expenditure self-reported by the head of the household goes for debt servicing. For example, the villages of Padmamari, Sonarhat and Kachuban show extremely high average indebtedness among the rural families, so much so that the debt repayment (or interest payments) are as high as Rs. 14,000. Compared to the average indebtedness of say Rs. 5000 in most other villages the reported incidence of loan repayment seems alarmingly high. Next, medical expenses and educational expenses take cover a large share of the average annual self-reported expenditure level: taken together, it amounts to approximately 10-15% of all expenses incurred. For the SC/ST category, the village of Madhya Chhat Gopalpur ranks at the top with large number of sharecroppers owing land, many involved in businesses and in some other diverse occupations (Table B14b). Consequently, the same village reports relative higher expenditure on telephones, cooking gas connections, education, clothing and

medical expenses compared to many other villages (B15b). However, according to the weighted index following the application of principal component analysis, we find that the villages of Domumari, Padmamari and Kachuban rank among the top three, with Chhoto Chhat Dhan Dhan, Fulkadabri Bajejama and Fulbari ranking among the lowest three (Table B15c). Thus, any policy intervention to improve the income earning capacities of the villagers must target those villages where the existing level of income is pretty low.

The tables displaying conditions of 'others' group range between A14a-c and A15a-c. Except for Kokoabari, Gosaiganj, Nagar Gopalganj (Table A14a), there is little or no participation in the public sector jobs among the respondents in our sample. The few other villages and households that report jobs in public sector produces an average of less than 5% at the village level. Similarly, participation in private sector jobs seems even lower than public jobs, typically because one does not expect to come across public entrepreneurship/initiatives in rural areas of West Bengal. The most other respondent households thus belong to agricultural labour groups, sharecroppers with some land holding and those engaged in stray jobs. On the expenditure side we did not get sufficiently reliable answers from respondents in some of the villages, namely, Padmanari, Madhya Chhat Gopalpur, Fulkadabri, Fulkadabri Bajejama, etc and eventually

**B 14a. Primary source of household income**

| <b>Primary source of Family Income for SC/ST</b> |                            |                     |  |                        |                       |                            |                  |               |                 |               |
|--|----------------------------|---------------------|--|------------------------|-----------------------|----------------------------|------------------|---------------|-----------------|---------------|
| <b>Sources Villages</b>                          | <b>Agricultural Labour</b> | <b>Sharecropper</b> | <b>Sharecropper with agricultural land</b> | <b>Govt. employees</b> | <b>Pvt. Employees</b> | <b>Small-scale artisan</b> | <b>Fisherman</b> | <b>Weaver</b> | <b>Business</b> | <b>Others</b> |
| Boragari   | 6.25%                      | 0.00%               | 6.25%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 18.75%        |
| Borakhata  | 14.29%                     | 0.00%               | 0.00%                                      | 4.76%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 4.76%         |
| Hollanger Kuthi                                  | 37.50%                     | 0.00%               | 15.63%                                     | 1.56%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 1.56%           | 14.06%        |
| Kachuban   | 30.23%                     | 0.00%               | 6.98%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 9.30%            | 0.00%         | 0.00%           | 20.93%        |
| Karibharal                                       | 25.00%                     | 0.00%               | 33.33%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 8.33%           | 33.33%        |
| Kharija Kakribari                                | 16.48%                     | 1.10%               | 4.40%                                      | 6.59%                  | 7.69%                 | 2.20%                      | 1.10%            | 0.00%         | 7.69%           | 31.87%        |
| Kokoabari  | 17.65%                     | 0.00%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 5.88%         | 5.88%           | 11.76%        |
| Petbhata Chandanchowra                           | 34.92%                     | 1.59%               | 6.35%                                      | 3.17%                  | 0.00%                 | 0.00%                      | 12.70%           | 0.00%         | 0.00%           | 17.46%        |
| Siddheswari                                      | 20.27%                     | 0.00%               | 8.78%                                      | 10.81%                 | 0.68%                 | 1.35%                      | 0.00%            | 0.00%         | 1.35%           | 25.68%        |
| Uttar Gayargari                                  | 33.33%                     | 0.00%               | 12.12%                                     | 0.00%                  | 3.03%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 18.18%        |
| Barabangla                                       | 73.53%                     | 2.94%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 2.94%           | 20.59%        |
| Kajalikura                                       | 35.96%                     | 8.99%               | 13.48%                                     | 3.37%                  | 1.12%                 | 0.00%                      | 1.12%            | 0.00%         | 0.00%           | 22.47%        |
| Padmamari  | 30.00%                     | 0.00%               | 40.00%                                     | 5.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 5.00%           | 20.00%        |
| Sonarhat   | 11.76%                     | 0.00%               | 41.18%                                     | 0.00%                  | 0.00%                 | 5.88%                      | 0.00%            | 0.00%         | 0.00%           | 0.00%         |
| Elejanerkuthi                                    | 12.50%                     | 0.00%               | 41.67%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 12.50%        |
| Gosainganj                                       | 16.67%                     | 0.00%               | 8.33%                                      | 0.00%                  | 0.00%                 | 4.17%                      | 0.00%            | 0.00%         | 8.33%           | 4.17%         |
| Sitalabas  | 20.83%                     | 0.00%               | 4.17%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 12.50%        |
| Natuarpar  | 12.50%                     | 4.17%               | 4.17%                                      | 4.17%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 8.33%           | 25.00%        |
| Garubhasa  | 41.67%                     | 0.00%               | 25.00%                                     | 0.00%                  | 0.00%                 | 12.50%                     | 0.00%            | 0.00%         | 8.33%           | 4.17%         |
| Dodumari   | 22.73%                     | 0.00%               | 18.18%                                     | 4.55%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 27.27%        |
| Malatiguri                                       | 13.04%                     | 0.00%               | 4.35%                                      | 4.35%                  | 0.00%                 | 0.00%                      | 0.00%            | 8.70%         | 0.00%           | 34.78%        |
| Dharmabarer Kuthi                                | 8.33%                      | 0.00%               | 4.17%                                      | 4.17%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 16.67%        |
| Baisguri Khanda                                  | 24.00%                     | 0.00%               | 28.00%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 4.00%           | 16.00%        |
| Daksin Kharija Gitaldaha                         | 37.50%                     | 0.00%               | 12.50%                                     | 4.17%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 16.67%        |
| Chhat Khochabari Dwitiyo Khanda                  | 37.50%                     | 0.00%               | 4.17%                                      | 4.17%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 4.17%         |

**B 14b. Primary source of household income**

| <b>Primary source of Family Income for SC/ST (cont.)</b> |                            |                     |  |                        |                       |                            |                  |               |                 |               |
|--|----------------------------|---------------------|--|------------------------|-----------------------|----------------------------|------------------|---------------|-----------------|---------------|
| <b>Sources</b>   | <b>Agricultural Labour</b> | <b>Sharecropper</b> | <b>Sharecropper with agricultural land</b> | <b>Govt. employees</b> | <b>Pvt. Employees</b> | <b>Small-scale artisan</b> | <b>Fisherman</b> | <b>Weaver</b> | <b>Business</b> | <b>Others</b> |
| <b>Villages</b>  |                            |                     |  |                        |                       |                            |                  |               |                 |               |
| Gaochulca  | 41.67%                     | 0.00%               | 4.17%                                      | 4.17%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 4.17%           | 12.50%        |
| Purbba Hudumdanga  | 25.00%                     | 0.00%               | 20.83%                                     | 4.17%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 8.33%         |
| Madhya Chhat Gopalpur                                    | 8.00%                      | 0.00%               | 64.00%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 8.00%           | 20.00%        |
| Chhat Khagribari   | 20.00%                     | 0.00%               | 48.00%                                     | 4.00%                  | 12.00%                | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 16.00%        |
| Chhota Chhat Dhan Dhan                                   | 33.33%                     | 4.17%               | 45.83%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 4.17%           | 8.33%         |
| Indrekuthi   | 54.17%                     | 0.00%               | 29.17%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 12.50%          | 0.00%         |
| Kharija Ratanpur   | 16.67%                     | 0.00%               | 8.33%                                      | 4.17%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 12.50%          | 54.17%        |
| Chandamari   | 8.33%                      | 4.17%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 58.33%        |
| Kurshamari   | 8.33%                      | 0.00%               | 20.83%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 8.33%           | 16.67%        |
| Nagar Gopalganj  | 16.67%                     | 0.00%               | 8.33%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 0.00%         |
| Patakamari   | 8.33%                      | 0.00%               | 4.17%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 0.00%         |
| Fulkadabri Bajejama                                      | 33.33%                     | 0.00%               | 41.67%                                     | 8.33%                  | 0.00%                 | 0.00%                      | 4.17%            | 0.00%         | 0.00%           | 12.50%        |
| Bara Nijtaraf  | 45.83%                     | 0.00%               | 37.50%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 12.50%        |
| Fulkadabri   | 25.00%                     | 0.00%               | 50.00%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 12.50%          | 12.50%        |
| Paschim Gopalpur   | 25.00%                     | 0.00%               | 41.67%                                     | 0.00%                  | 4.17%                 | 0.00%                      | 0.00%            | 0.00%         | 4.17%           | 8.33%         |
| Satgharia  | 12.50%                     | 0.00%               | 4.17%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 29.17%        |
| Shatimari  | 25.00%                     | 0.00%               | 41.67%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 29.17%        |
| Gangadhar  | 25.00%                     | 0.00%               | 25.00%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 4.17%            | 0.00%         | 0.00%           | 20.83%        |
| Fulbari  | 0.00%                      | 0.00%               | 0.00%                                      | 0.00%                  | 20.83%                | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 0.00%         |
| Chikliguri Dwitia Khanda                                 | 16.67%                     | 0.00%               | 12.50%                                     | 0.00%                  | 4.17%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 12.50%        |
| Velakopa Pratham Khanda                                  | 24.00%                     | 0.00%               | 20.00%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 4.00%         | 0.00%           | 0.00%         |
| Bashraja Dwitia Khanda                                   | 54.17%                     | 4.17%               | 4.17%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 12.50%          | 4.17%         |
| Chhat Balakuthi  | 8.70%                      | 0.00%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 13.04%          | 34.78%        |
| Bakla  | 25.00%                     | 0.00%               | 16.67%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 4.17%           | 12.50%        |
| Shilghagri   | 20.83%                     | 0.00%               | 4.17%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 4.17%         | 0.00%           | 4.17%         |



**B 14c. Ranking by primary source of household income**

| Villages                        | HISCINDX | Rank | WHISCINDX | Rank |
|---------------------------------|----------|------|-----------|------|
| Boragari                        | 3.13     | 46   | 4.95      | 41   |
| Borakhata                       | 2.38     | 48   | 2.58      | 48   |
| Hollanger Kuthi                 | 7.03     | 24   | 8.68      | 26   |
| Kachuban                        | 6.74     | 26   | 7.65      | 34   |
| Karibharal                      | 10.00    | 1    | 15.09     | 3    |
| Kharija Kakribari               | 7.91     | 17   | 10.00     | 19   |
| Kokoabari                       | 4.12     | 42   | 4.44      | 45   |
| Petbhata Chandanchowra          | 7.62     | 18   | 7.88      | 31   |
| Siddheswari                     | 6.89     | 25   | 9.62      | 22   |
| Uttar Gayargari                 | 6.67     | 27   | 8.03      | 29   |
| Barabangla                      | 10.00    | 1    | 9.52      | 23   |
| Kajalikura                      | 8.65     | 14   | 9.89      | 20   |
| Padmamari                       | 10.00    | 1    | 14.73     | 5    |
| Sonarhat                        | 5.88     | 31   | 9.81      | 21   |
| Elejanerkuthi                   | 6.67     | 27   | 11.13     | 14   |
| Gosainganj                      | 4.17     | 41   | 5.29      | 40   |
| Sitalabas                       | 3.75     | 43   | 4.55      | 44   |
| Natuarpar                       | 5.83     | 33   | 7.75      | 33   |
| Garubhasa                       | 9.17     | 13   | 11.81     | 12   |
| Dodumari                        | 7.27     | 20   | 10.61     | 16   |
| Malatiguri                      | 6.52     | 30   | 9.04      | 24   |
| Dharmabarar Kuthi               | 3.33     | 45   | 4.93      | 43   |
| Baisguri Khanda                 | 7.20     | 21   | 10.45     | 18   |
| Daksin Kharija Gitaldaha        | 7.08     | 22   | 8.72      | 25   |
| Chhat Khochabari Dwitiyo Khanda | 5.00     | 37   | 4.93      | 42   |
| Gaochulca                       | 6.67     | 29   | 7.20      | 35   |
| Purbba Hudumdanga               | 5.83     | 32   | 7.92      | 30   |
| Madhya Chhat Gopalpur           | 10.00    | 1    | 17.34     | 1    |
| Chhat Khagribari                | 10.00    | 1    | 14.17     | 7    |
| Chhota Chhat Dhan Dhanania      | 9.58     | 9    | 13.32     | 9    |
| Indrerkuthi                     | 9.58     | 9    | 11.15     | 13   |
| Kharija Ratanpur                | 9.58     | 9    | 14.39     | 6    |
| Chandamari                      | 7.08     | 22   | 10.89     | 15   |
| Kurshamari                      | 5.42     | 36   | 8.53      | 27   |
| Nagar Gopalganj                 | 2.50     | 47   | 2.85      | 47   |
| Patakamari                      | 1.25     | 50   | 1.43      | 49   |
| Fulkadabri Bajejama             | 10.00    | 1    | 14.03     | 8    |
| Bara Nijtaraf                   | 9.58     | 9    | 12.83     | 10   |
| Fulkadabri                      | 10.00    | 1    | 15.15     | 2    |
| Paschim Gopalpur                | 8.33     | 15   | 11.86     | 11   |
| Satgharia                       | 4.58     | 39   | 6.84      | 37   |
| Shatimari                       | 9.58     | 8    | 14.98     | 4    |
| Gangadhar                       | 7.50     | 19   | 10.49     | 17   |
| Fulbari                         | 2.08     | 49   | 0.17      | 50   |
| Chikliguri Dwitia Khanda        | 4.58     | 40   | 5.87      | 39   |
| Velakopa Pratham Khanda         | 4.80     | 38   | 5.89      | 38   |
| Bashraja Dwitia Khanda          | 7.92     | 16   | 7.15      | 36   |
| Chhat Balakuthi                 | 5.65     | 35   | 8.28      | 28   |
| Bakla                           | 5.83     | 33   | 7.76      | 32   |
| Shilghagri                      | 3.33     | 44   | 3.35      | 46   |

Note: 1) HISCINDX=unweighted index, WHISCINDX=weighted index

2) The villages are ranked in descending order by the respective index.

3) The rank correlation between the two indices is 0.9130 and the correlation between the indices is 0.9304.

dropped these villages from Table A15c that ranks all villages according to the expenditure patterns observed. The villages of Shatimari and Sonarhat rank as the top two in terms of total expenditures annually according to the unweighted index. Petbhata Chandanchowra that ranks second according to the unweighted rank stands third as per weighted ranking. Even then, the average annual expenditure at the household level is not more than Rupees five thousand. Note that, in most of these agricultural dwellings, the food crops are usually not purchased from the market, instead received as payments for their service rendered as agricultural workers or retained by the cultivator himself as percentage of the total output in his land. Apart from that, many also own goats, poultry and cows, which support their nutritional requirements. For many of these items, the respondents often do not calculate the expense, as one would do if purchasing from the market directly. On the other hand, the respondents do not calculate the value of domestic labour either, which often lowers the level of stated total income. Villages that report poor income and expenditure ranks include Malatiguri, Bara Nijtaraf, Velakopa Prathom Khanda, etc. for the non-SC/ST population and once again all interventionist policies aimed at raising the level of per capita income must begin with these villages as far as the district of Cooch Behar is concerned.

**B 15a. Household expenditure (Annual Rupees)**

Household Expenditure for SC/ST

| Villages                        | Food    | Clothing | Education | Medical | Electricity,<br>Gas, Fuel | Telephone,<br>Mobile | House<br>Repairing | Loan,<br>Interest<br>Repayment | Festival | Entertainment | Marriage | Other    |
|---------------------------------|---------|----------|-----------|---------|---------------------------|----------------------|--------------------|--------------------------------|----------|---------------|----------|----------|
| Boragari                        | 65.00   | 441.67   | 649.17    | 295.50  | 530.00                    | 170.00               | 916.67             | 1710.67                        | 666.67   | 150.00        | 109.17   | 0.00     |
| Borakhata                       | 62.00   | 290.00   | 751.40    | 390.00  | 560.00                    | 60.00                | 700.00             | 600.00                         | 0.00     | 0.00          | 650.00   | 0.00     |
| Hollanger Kuthi                 | 66.39   | 685.33   | 924.00    | 1812.78 | 1686.67                   | 319.00               | 937.78             | 9381.11                        | 734.44   | 8.78          | 893.33   | 0.00     |
| Kachuban                        | 90.10   | 839.58   | 2026.25   | 2608.33 | 1887.50                   | 236.67               | 4304.17            | <b>11047.92</b>                | 938.96   | 100.00        | 606.46   | 35.00    |
| Karibharal                      | 120.42  | 725.00   | 1575.00   | 5379.17 | 1783.33                   | 325.00               | 416.67             | 6236.36                        | 215.00   | 0.00          | 420.83   | 12333.33 |
| Kharija Kakribari               | 142.28  | 1084.73  | 8359.27   | 1980.33 | 1585.40                   | 755.18               | 2793.19            | 4747.32                        | 1517.21  | 74.62         | 977.81   | 396.92   |
| Kokoabari                       | 61.43   | 285.71   | 916.67    | 3071.43 | 1114.29                   | 300.00               | 2857.14            | 2360.00                        | 182.86   | 107.14        | 378.57   | 428.57   |
| Petbhata Chandanchowra          | 73.81   | 879.18   | 1294.35   | 2036.00 | 1147.10                   | 165.31               | 3231.94            | 7230.44                        | 919.79   | 10.81         | 6662.63  | 0.00     |
| Siddheswari                     | 79.44   | 523.38   | 1114.17   | 1085.81 | 442.83                    | 147.61               | 952.89             | 1449.32                        | 743.27   | 6.87          | 622.47   | 315.21   |
| Uttar Gayargari                 | 108.33  | 659.09   | 983.64    | 556.82  | 720.00                    | 75.00                | 788.64             | 2550.00                        | 686.36   | 2.27          | 590.91   | 518.64   |
| Barabangla                      | 87.21   | 951.56   | 885.29    | 3204.41 | 1345.59                   | 379.41               | 5370.59            | 6205.88                        | 1120.59  | 0.00          | 314.71   | 0.00     |
| Kajalikura                      | 187.19  | 905.32   | 2170.65   | 1293.51 | 1127.79                   | 261.04               | 1814.29            | 5980.00                        | 844.16   | 16.23         | 2671.10  | 124.81   |
| Padmamari                       | 99.25   | 1322.50  | 2540.00   | 3690.00 | 2200.00                   | 580.00               | 7625.00            | <b>14850.00</b>                | 703.00   | 9.00          | 718.50   | 90.00    |
| Sonarhat                        | 94.50   | 720.00   | 1280.00   | 1000.00 | 1700.00                   | 360.00               | 50.00              | <b>10900.00</b>                | 370.00   | 0.00          | 225.00   | 120.00   |
| Elejanerkuthi                   | 89.50   | 1137.50  | 686.67    | 1171.88 | 575.00                    | 168.75               | 618.75             | 3276.25                        | 109.38   | 6.25          | 1531.25  | 0.00     |
| Gosainganj                      | 2765.00 | 980.00   | 840.00    | 1050.00 | 780.00                    | 351.00               | 1730.00            | 2560.00                        | 1270.00  | 20.00         | 940.00   | 0.00     |
| Sitalabas                       | 111.11  | 722.22   | 744.44    | 733.33  | 845.56                    | 233.33               | 3133.33            | 477.78                         | 1088.89  | 38.89         | 1435.56  | 244.44   |
| Natuarpar                       | 79.17   | 806.25   | 821.67    | 1100.00 | 1468.75                   | 510.42               | 720.83             | 0.00                           | 0.00     | 75.00         | 234.38   | 50.00    |
| Garubhasa                       | 89.55   | 881.82   | 763.64    | 745.45  | 350.00                    | 248.64               | 350.00             | 5890.91                        | 972.73   | 52.27         | 1151.59  | 0.00     |
| Dodumari                        | 84.12   | 697.06   | 5629.41   | 8215.29 | 558.82                    | 171.76               | 8562.50            | 7109.38                        | 706.25   | 15.63         | 476.47   | 0.00     |
| Malatiguri                      | 66.43   | 632.14   | 1214.29   | 335.71  | 971.43                    | 164.29               | 617.86             | 346.43                         | 1117.86  | 0.00          | 2746.07  | 169.64   |
| Dharmabarar Kuthi               | 105.83  | 637.50   | 1983.33   | 1283.33 | 625.00                    | 400.00               | 3583.33            | 5208.33                        | 1375.00  | 16.67         | 687.50   | 0.00     |
| Baisguri Khanda                 | 91.25   | 1381.25  | 2050.00   | 1553.13 | 493.75                    | 807.81               | 6728.13            | 5187.50                        | 1093.75  | 356.25        | 664.38   | 21.88    |
| Daksin Kharija Gitaldaha        | 88.53   | 570.59   | 623.53    | 564.71  | 700.00                    | 166.47               | 35.29              | 1954.64                        | 1005.88  | 3.24          | 57.06    | 0.00     |
| Chhat Khochabari Dwitiyo Khanda | 61.67   | 541.67   | 133.33    | 233.33  | 218.33                    | 70.00                | 0.00               | 5833.33                        | 775.00   | 38.33         | 6819.17  | 0.00     |

**B 15b. Household expenditure (Annual Rupees)**

| Household Expenditure for SC/ST |         |          |           |         |                        |                   |                 |                          |          |               |          |        |
|---------------------------------|---------|----------|-----------|---------|------------------------|-------------------|-----------------|--------------------------|----------|---------------|----------|--------|
| Villages                        | Food    | Clothing | Education | Medical | Electricity, Gas, Fuel | Telephone, Mobile | House Repairing | Loan, Interest Repayment | Festival | Entertainment | Marriage | Other  |
| Gaochulca                       | 82.00   | 600.00   | 1079.67   | 545.00  | 423.33                 | 435.67            | 270.00          | 2876.80                  | 295.00   | 102.67        | 440.00   | 0.00   |
| Purbba Hudumdanga               | 108.46  | 1223.08  | 1557.69   | 907.69  | 220.00                 | 156.54            | 5346.15         | 496.15                   | 446.15   | 53.85         | 58790.38 | 376.92 |
| Madhya Chhat Gopalpur           | 108.00  | 1296.00  | 1264.00   | 1544.00 | 446.00                 | 444.00            | 2468.00         | 1046.48                  | 768.00   | 12.80         | 14060.00 | 0.00   |
| Chhat Khagribari                | 99.20   | 536.00   | 268.00    | 1824.00 | 338.00                 | 142.00            | 2608.00         | 1042.04                  | 1440.00  | 132.40        | 4716.00  | 416.00 |
| Chhota Chhat Dhan Dhanian       | 95.65   | 630.43   | 200.00    | 556.52  | 248.70                 | 60.00             | 0.00            | 103.48                   | 243.48   | 31.74         | 165.22   | 0.00   |
| Indrerkuthi                     | 77.50   | 997.62   | 409.52    | 527.38  | 64.29                  | 93.81             | 801.19          | 23.81                    | 584.52   | 40.48         | 314.29   | 0.00   |
| Kharija Ratanpur                | 114.13  | 932.61   | 569.57    | 630.43  | 752.17                 | 1021.74           | 2165.22         | 8347.83                  | 1947.83  | 134.78        | 341.30   | 197.83 |
| Chandamari                      | 78.82   | 747.06   | 129.41    | 250.00  | 323.53                 | 114.12            | 0.00            | 8000.00                  | 1135.29  | 44.71         | 120.59   | 0.00   |
| Kurshamari                      | 82.31   | 1138.46  | 200.00    | 638.46  | 500.00                 | 125.85            | 0.00            | 2615.38                  | 1784.62  | 12.31         | 373.08   | 384.62 |
| Nagar Gopalganj                 | 85.00   | 1200.00  | 850.00    | 683.33  | 916.67                 | 253.33            | 266.67          | 0.00                     | 1500.00  | 158.33        | 533.33   | 0.00   |
| Patakamari                      | 90.00   | 900.00   | 66.67     | 1833.33 | 933.33                 | 0.00              | 500.00          | 0.00                     | 0.00     | 0.00          | 316.67   | 0.00   |
| Fulkadabri Bajejama             | 72.50   | 645.83   | 1300.00   | 416.67  | 618.75                 | 253.33            | 722.61          | 435.00                   | 1227.92  | 140.00        | 234.78   | 518.18 |
| Bara Nijtaraf                   | 89.13   | 513.04   | 256.52    | 569.57  | 169.57                 | 67.39             | 421.74          | 33.13                    | 234.78   | 79.13         | 176.09   | 0.00   |
| Fulkadabri                      | 72.92   | 641.67   | 997.92    | 654.17  | 204.17                 | 1070.83           | 939.58          | 1237.50                  | 1445.83  | 112.50        | 2916.67  | 541.67 |
| Paschim Gopalpur                | 67.75   | 1590.00  | 1142.11   | 1285.00 | 820.00                 | 216.32            | 1626.32         | 0.00                     | 652.63   | 126.84        | 670.00   | 0.00   |
| Satgharia                       | 88.18   | 1072.73  | 890.91    | 786.36  | 663.64                 | 640.00            | 1354.55         | 589.09                   | 459.09   | 7.27          | 709.09   | 0.00   |
| Shatimari                       | 101.52  | 984.78   | 2300.00   | 1513.04 | 2378.61                | 430.43            | 4713.04         | 5191.30                  | 934.78   | 636.96        | 1180.43  | 0.00   |
| Gangadhar                       | 83.89   | 930.56   | 444.44    | 911.11  | 586.11                 | 565.00            | 977.78          | 527.78                   | 369.44   | 0.00          | 2400.00  | 0.00   |
| Fulbari                         | 100.00  | 320.00   | 680.00    | 740.00  | 240.00                 | 48.00             | 200.00          | 200.00                   | 340.00   | 140.00        | 70.00    | 0.00   |
| Chikliguri Dwitia Khanda        | 240.00  | 1154.55  | 1290.91   | 1954.55 | 872.73                 | 136.36            | 1140.91         | 345.45                   | 118.18   | 99.09         | 154.55   | 0.00   |
| Velakopa Pratham Khanda         | 90.50   | 1252.75  | 1029.17   | 688.83  | 245.75                 | 195.83            | 1941.67         | 2350.00                  | 850.00   | 275.00        | 408.33   | 21.00  |
| Bashraja Dwitia Khanda          | 70.26   | 665.79   | 1126.32   | 700.00  | 320.00                 | 31.05             | 533.33          | 7468.42                  | 907.89   | 21.58         | 515.79   | 0.00   |
| Chhat Balakuthi                 | 90.77   | 792.31   | 1652.31   | 1300.00 | 578.46                 | 34.62             | 669.23          | 2307.69                  | 423.08   | 23.08         | 4188.46  | 0.00   |
| Bakla                           | 88.57   | 671.43   | 939.29    | 703.57  | 528.57                 | 190.00            | 71.43           | 7071.43                  | 57.14    | 0.00          | 528.57   | 0.00   |
| Shilghagri                      | 4563.13 | 900.00   | 2925.00   | 625.00  | 557.14                 | 0.00              | 462.50          | 1571.43                  | 1125.00  | 0.00          | 200.00   | 0.00   |

### B 15c. Ranking by household expenditure

| Villages                        | HXSCINDX | Rank | WHXSCINDX | Rank |
|---------------------------------|----------|------|-----------|------|
| Boragari                        | 475.37   | 44   | 692.73    | 38   |
| Borakhata                       | 338.62   | 46   | 502.12    | 46   |
| Hollanger Kuthi                 | 1454.13  | 12   | 2171.01   | 10   |
| Kachuban                        | 2060.08  | 5    | 3406.44   | 3    |
| Karibharal                      | 2460.84  | 4    | 2484.43   | 8    |
| Kharija Kakribari               | 2034.52  | 6    | 3180.57   | 4    |
| Kokoabari                       | 1005.32  | 22   | 1739.15   | 15   |
| Petbhata Chandanchowra          | 1970.95  | 7    | 2372.82   | 9    |
| Siddheswari                     | 623.61   | 37   | 854.86    | 33   |
| Uttar Gayargari                 | 686.64   | 32   | 903.01    | 31   |
| Barabangla                      | 1655.44  | 11   | 2857.88   | 5    |
| Kajalikura                      | 1449.67  | 13   | 1944.20   | 14   |
| Padmamari                       | 2868.94  | 2    | 4921.42   | 2    |
| Sonarhat                        | 1401.63  | 15   | 2110.69   | 11   |
| Elejanerkuthi                   | 780.93   | 29   | 1006.14   | 28   |
| Gosainganj                      | 1107.17  | 19   | 1215.30   | 21   |
| Sitalabas                       | 817.41   | 28   | 1148.69   | 23   |
| Natuarpar                       | 488.87   | 42   | 759.48    | 37   |
| Garubhasa                       | 958.05   | 24   | 1215.25   | 22   |
| Dodumari                        | 2685.56  | 3    | 4986.63   | 1    |
| Malatiguri                      | 698.51   | 31   | 633.94    | 42   |
| Dharmabarar Kuthi               | 1325.49  | 16   | 2108.84   | 12   |
| Baisguri Khanda                 | 1702.42  | 9    | 2857.69   | 6    |
| Daksin Kharija Gitaldaha        | 480.83   | 43   | 620.75    | 43   |
| Chhat Khochabari Dwitiyo Khanda | 1227.01  | 17   | 899.72    | 32   |
| Gaochulca                       | 595.84   | 39   | 822.47    | 35   |
| Madhya Chhat Gopalpur           | 1954.77  | 8    | 1272.23   | 19   |
| Chhat Khagribari                | 1130.14  | 18   | 1134.49   | 24   |
| Chhota Chhat Dhan Dhanania      | 194.60   | 50   | 215.86    | 50   |
| Indrerkuthi                     | 327.87   | 47   | 399.60    | 47   |
| Kharija Ratanpur                | 1429.62  | 14   | 2015.57   | 13   |
| Chandamari                      | 911.96   | 25   | 1221.67   | 20   |
| Kurshamari                      | 654.59   | 34   | 667.11    | 40   |
| Nagar Gopalganj                 | 537.22   | 41   | 558.56    | 45   |
| Patakamari                      | 386.67   | 45   | 593.05    | 44   |
| Fulkadabri Bajejama             | 548.80   | 40   | 658.63    | 41   |
| Bara Nijtaraf                   | 217.51   | 49   | 286.83    | 49   |
| Fulkadabri                      | 902.95   | 27   | 813.22    | 36   |
| Paschim Gopalpur                | 683.08   | 33   | 957.15    | 30   |
| Satgharia                       | 605.08   | 38   | 838.89    | 34   |
| Shatimari                       | 1697.08  | 10   | 2711.12   | 7    |
| Gangadhar                       | 649.68   | 35   | 677.72    | 39   |
| Fulbari                         | 256.50   | 48   | 357.61    | 48   |
| Chikliguri Dwitia Khanda        | 625.61   | 36   | 996.18    | 29   |
| Velakopa Pratham Khanda         | 779.07   | 30   | 1115.37   | 25   |
| Bashraja Dwitia Khanda          | 1030.04  | 21   | 1466.87   | 17   |
| Chhat Balakuthi                 | 1005.00  | 23   | 1037.31   | 26   |
| Bakla                           | 904.17   | 26   | 1317.54   | 18   |
| Shilghagri                      | 1077.43  | 20   | 1008.19   | 27   |

Note: 1) HXSCINDX=unweighted index, WHXSCINDX=weighted index 2) The villages are ranked in descending order by the respective index.  
3) The rank correlation between the two indices is 0.9308 and the correlation between the indices is 0.6603.

**A 14a. Primary source of income**

| <b>Primary source of Family Income for Others</b> |                            |                     |  |                        |                       |                            |                  |               |                 |               |
|---|----------------------------|---------------------|--|------------------------|-----------------------|----------------------------|------------------|---------------|-----------------|---------------|
| <b>Sources</b>                                    | <b>Agricultural Labour</b> | <b>Sharecropper</b> | <b>Sharecropper with agricultural land</b> | <b>Govt. employees</b> | <b>Pvt. Employees</b> | <b>Small-scale artisan</b> | <b>Fisherman</b> | <b>Weaver</b> | <b>Business</b> | <b>Others</b> |
| <b>Villages</b>                                   |                            |                     |  |                        |                       |                            |                  |               |                 |               |
| Boragari  | 18.75%                     | 0.00%               | 43.75%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 6.25%         |
| Borakhata   | 14.29%                     | 0.00%               | 23.81%                                     | 4.76%                  | 4.76%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 28.57%        |
| Hollanger Kuthi                                   | 12.50%                     | 0.00%               | 3.13%                                      | 1.56%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 12.50%        |
| Kachuban  | 2.33%                      | 2.33%               | 4.65%                                      | 0.00%                  | 0.00%                 | 2.33%                      | 0.00%            | 0.00%         | 2.33%           | 18.60%        |
| Karibharal  | 0.00%                      | 0.00%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 0.00%         |
| Kharija Kakribari                                 | 0.00%                      | 1.10%               | 2.20%                                      | 1.10%                  | 2.20%                 | 2.20%                      | 1.10%            | 0.00%         | 3.30%           | 7.69%         |
| Kokoabari   | 11.76%                     | 0.00%               | 0.00%                                      | 11.76%                 | 0.00%                 | 5.88%                      | 0.00%            | 0.00%         | 0.00%           | 29.41%        |
| Petbhata Chandanchowra                            | 4.76%                      | 0.00%               | 0.00%                                      | 1.59%                  | 0.00%                 | 0.00%                      | 6.35%            | 0.00%         | 0.00%           | 11.11%        |
| Siddheswari                                       | 4.73%                      | 0.00%               | 6.76%                                      | 4.05%                  | 1.35%                 | 1.35%                      | 0.00%            | 0.00%         | 2.03%           | 10.81%        |
| Uttar Gayargari                                   | 12.12%                     | 0.00%               | 9.09%                                      | 0.00%                  | 0.00%                 | 3.03%                      | 0.00%            | 0.00%         | 0.00%           | 9.09%         |
| Barabangla  | 0.00%                      | 0.00%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 0.00%         |
| Kajalikura  | 4.49%                      | 0.00%               | 3.37%                                      | 0.00%                  | 0.00%                 | 1.12%                      | 0.00%            | 0.00%         | 0.00%           | 4.49%         |
| Padmamari   | 0.00%                      | 0.00%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 0.00%         |
| Sonarhat  | 5.88%                      | 11.76%              | 11.76%                                     | 5.88%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 5.88%         |
| Elejanerkuthi                                     | 4.17%                      | 0.00%               | 4.17%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 8.33%           | 16.67%        |
| Gosainganj  | 37.50%                     | 0.00%               | 4.17%                                      | 8.33%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 8.33%         |
| Sitalabas   | 25.00%                     | 0.00%               | 25.00%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 4.17%           | 8.33%         |
| Natuarpar   | 8.33%                      | 4.17%               | 8.33%                                      | 4.17%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 4.17%           | 12.50%        |
| Garubhasa   | 0.00%                      | 0.00%               | 4.17%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 4.17%         |
| Dodumari  | 4.55%                      | 0.00%               | 4.55%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 4.55%           | 13.64%        |
| Malatiguri  | 17.39%                     | 0.00%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 17.39%        |
| Dharmabarar Kuthi                                 | 20.83%                     | 0.00%               | 12.50%                                     | 4.17%                  | 0.00%                 | 4.17%                      | 0.00%            | 0.00%         | 0.00%           | 25.00%        |
| Baisguri Khanda                                   | 24.00%                     | 0.00%               | 0.00%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 4.00%         |
| Daksin Kharija Gitaldaha                          | 16.67%                     | 0.00%               | 8.33%                                      | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 4.17%           | 0.00%         |
| Chhat Khochabari Dwitiyo Khanda                   | 29.17%                     | 0.00%               | 16.67%                                     | 0.00%                  | 0.00%                 | 0.00%                      | 0.00%            | 0.00%         | 0.00%           | 4.17%         |

**A 14b. Primary source of income**

| Primary source of Family Income for Others (cont.) |                        |              |  |                    |                   |                        |           |        |          |        |
|--|------------------------|--------------|--|--------------------|-------------------|------------------------|-----------|--------|----------|--------|
| Sources<br>Villages                                | Agricultural<br>Labour | Sharecropper | Sharecropper<br>with<br>agricultural<br>land | Govt.<br>employees | Pvt.<br>Employees | Small-scale<br>artisan | Fisherman | Weaver | Business | Others |
| Gaochulca  | 12.50%                 | 0.00%        | 12.50%                                       | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 4.17%    | 4.17%  |
| Purbba Hudumdanga                                  | 12.50%                 | 0.00%        | 25.00%                                       | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 4.17%  |
| Madhya Chhat Gopalpur                              | 0.00%                  | 0.00%        | 0.00%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 0.00%  |
| Chhat Khagribari                                   | 0.00%                  | 0.00%        | 0.00%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 0.00%  |
| Chhota Chhat Dhan Dhanian                          | 0.00%                  | 0.00%        | 0.00%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 4.17%    | 0.00%  |
| Indrerkuthi  | 4.17%                  | 0.00%        | 0.00%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 0.00%  |
| Kharija Ratanpur                                   | 0.00%                  | 0.00%        | 0.00%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 4.17%  |
| Chandamari   | 12.50%                 | 0.00%        | 4.17%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 12.50% |
| Kurshamari   | 4.17%                  | 0.00%        | 0.00%  | 4.17%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 8.33%    | 29.17% |
| Nagar Gopalganj                                    | 33.33%                 | 0.00%        | 16.67%                                       | 8.33%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 4.17%    | 12.50% |
| Patakamari   | 12.50%                 | 0.00%        | 33.33%                                       | 4.17%              | 8.33%             | 8.33%                  | 0.00%     | 0.00%  | 0.00%    | 20.83% |
| Fulkadabri Bajejama                                | 0.00%                  | 0.00%        | 0.00%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 0.00%  |
| Bara Nijtaraf                                      | 0.00%                  | 0.00%        | 4.17%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 0.00%  |
| Fulkadabri   | 0.00%                  | 0.00%        | 0.00%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 0.00%  |
| Paschim Gopalpur                                   | 0.00%                  | 0.00%        | 12.50%                                       | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 4.17%    | 0.00%  |
| Satgharia  | 4.17%                  | 0.00%        | 4.17%  | 0.00%              | 4.17%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 41.67% |
| Shatimari  | 0.00%                  | 0.00%        | 0.00%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 4.17%  |
| Gangadhar  | 0.00%                  | 0.00%        | 20.83%                                       | 4.17%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 0.00%  |
| Fulbari  | 16.67%                 | 0.00%        | 25.00%                                       | 0.00%              | 12.50%            | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 25.00% |
| Chikliguri Dwitia Khanda                           | 12.50%                 | 0.00%        | 16.67%                                       | 0.00%              | 0.00%             | 4.17%                  | 0.00%     | 0.00%  | 8.33%    | 12.50% |
| Velakopa Pratham Khanda                            | 16.00%                 | 0.00%        | 16.00%                                       | 4.00%              | 0.00%             | 8.00%                  | 0.00%     | 0.00%  | 0.00%    | 8.00%  |
| Bashraja Dwitia Khanda                             | 12.50%                 | 0.00%        | 4.17%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 0.00%  | 0.00%    | 4.17%  |
| Chhat Balakuthi                                    | 4.35%                  | 0.00%        | 4.35%  | 0.00%              | 0.00%             | 4.35%                  | 0.00%     | 0.00%  | 13.04%   | 17.39% |
| Bakla  | 12.50%                 | 4.17%        | 8.33%  | 0.00%              | 0.00%             | 0.00%                  | 0.00%     | 4.17%  | 8.33%    | 4.17%  |
| Shilghagri   | 33.33%                 | 0.00%        | 12.50%                                       | 0.00%              | 4.17%             | 0.00%                  | 0.00%     | 0.00%  | 4.17%    | 12.50% |

**A 14c. Ranking by primary source of income**

| Villages                        | HIOINDX | Rank | WHIOINDX | Rank |
|---------------------------------|---------|------|----------|------|
| Boragari                        | 6.88    | 5    | 11.83    | 5    |
| Borakhata                       | 7.62    | 3    | 13.95    | 3    |
| Hollanger Kuthi                 | 2.97    | 27   | 5.31     | 22   |
| Kachuban                        | 3.26    | 25   | 5.51     | 21   |
| Karibharal                      | 0.00    | 44   | 0.00     | 44   |
| Kharija Kakribari               | 2.09    | 34   | 2.89     | 35   |
| Kokoabari                       | 5.88    | 9    | 10.57    | 8    |
| Petbhata Chandanchowra          | 2.38    | 33   | 3.37     | 34   |
| Siddheswari                     | 3.11    | 26   | 5.21     | 24   |
| Uttar Gayargari                 | 3.33    | 22   | 5.78     | 19   |
| Barabangla                      | 0.00    | 44   | 0.00     | 44   |
| Kajalikura                      | 1.35    | 37   | 2.38     | 36   |
| Padmamari                       | 0.00    | 44   | 0.00     | 44   |
| Sonarhat                        | 4.12    | 20   | 5.05     | 25   |
| Elejanerkuthi                   | 3.33    | 24   | 4.95     | 26   |
| Gosainganj                      | 5.83    | 10   | 9.24     | 11   |
| Sitalabas                       | 6.25    | 8    | 9.89     | 10   |
| Natuarpar                       | 4.17    | 19   | 5.99     | 18   |
| Garubhasa                       | 0.83    | 38   | 1.63     | 38   |
| Dodumari                        | 2.73    | 31   | 4.42     | 28   |
| Malatiguri                      | 3.48    | 21   | 6.32     | 17   |
| Dharmabarer Kuthi               | 6.67    | 6    | 11.85    | 4    |
| Baisguri Khanda                 | 2.80    | 30   | 4.40     | 29   |
| Daksin Kharija Gitaldaha        | 2.92    | 28   | 3.93     | 32   |
| Chhat Khochabari Dwitiyo Khanda | 5.00    | 14   | 8.14     | 13   |
| Gaochulca                       | 3.33    | 22   | 4.95     | 27   |
| Purbba Hudumdanga               | 4.17    | 17   | 7.15     | 16   |
| Madhya Chhat Gopalpur           | 0.00    | 44   | 0.00     | 44   |
| Chhat Khagribari                | 0.00    | 44   | 0.00     | 44   |
| Chhota Chhat Dhan Dhania        | 0.42    | 39   | 0.00     | 43   |
| Indrerkuthi                     | 0.42    | 39   | 0.61     | 42   |
| Kharija Ratanpur                | 0.42    | 39   | 0.90     | 39   |
| Chandamari                      | 2.92    | 29   | 5.28     | 23   |
| Kurshamari                      | 4.58    | 15   | 7.50     | 15   |
| Nagar Gopalganj                 | 7.50    | 4    | 11.73    | 6    |
| Patakamari                      | 8.75    | 1    | 15.36    | 1    |
| Fulkadabri Bajejama             | 0.00    | 44   | 0.00     | 44   |
| Bara Nijtaraf                   | 0.42    | 39   | 0.73     | 41   |
| Fulkadabri                      | 0.00    | 44   | 0.00     | 44   |
| Paschim Gopalpur                | 1.67    | 36   | 2.21     | 37   |
| Satgharia                       | 5.42    | 11   | 11.04    | 7    |
| Shatimari                       | 0.42    | 39   | 0.90     | 39   |
| Gangadhar                       | 2.50    | 32   | 4.27     | 30   |
| Fulbari                         | 7.92    | 2    | 14.35    | 2    |
| Chikliguri Dwitia Khanda        | 5.42    | 12   | 8.06     | 14   |
| Velakopa Pratham Khanda         | 5.20    | 13   | 8.59     | 12   |
| Bashraja Dwitia Khanda          | 2.08    | 35   | 3.48     | 33   |
| Chhat Balakuthi                 | 4.35    | 16   | 5.77     | 20   |
| Bakla                           | 4.17    | 17   | 4.23     | 31   |
| Shilghagri                      | 6.67    | 7    | 10.51    | 9    |

Note: 1) HIOINDX=unweighted index, WHIOINDX=weighted index, 2) The villages are ranked in descending order by the respective index. 3) The rank correlation between the two indices is 0.9784 and the correlation between the indices is 0.9844.



**A 15a. Household expenditure**

| <b>Household Expenditure for Others</b> |             |                 |                  |                |                                   |                              |                            |   |                 |                      |                 |              |
|---|-------------|-----------------|------------------|----------------|-----------------------------------|------------------------------|----------------------------|---|-----------------|----------------------|-----------------|--------------|
| <b>Villages</b>                         | <b>Food</b> | <b>Clothing</b> | <b>Education</b> | <b>Medical</b> | <b>Electricity,<br/>Gas, Fuel</b> | <b>Telephone,<br/>Mobile</b> | <b>House<br/>Repairing</b> | <b>Loan,<br/>Interest<br/>Repayment</b> | <b>Festival</b> | <b>Entertainment</b> | <b>Marriage</b> | <b>Other</b> |
| Boragari                                | 351.94      | 625.00          | 3302.78          | 4991.67        | 200.00                            | 817.78                       | 190.00                     | 2894.44                                 | 665.00          | 125.00               | 5213.89         | 17500.00     |
| Borakhata                               | 75.47       | 705.00          | 906.00           | 2439.38        | 260.36                            | 615.25                       | 109.38                     | 912.50                                  | 883.33          | 0.00                 | 457.24          | 1.59         |
| Hollanger Kuthi                         | 105.93      | 938.74          | 1512.64          | 2842.31        | 1264.29                           | 1874.73                      | 390.66                     | 3445.05                                 | 14126.37        | 19.23                | 743.41          | 0.00         |
| Kachuban                                | 63.46       | 596.15          | 1192.31          | 1969.23        | 873.08                            | 1330.77                      | 771.15                     | 90.38                                   | 16461.54        | 69.23                | 634.62          | 84.62        |
| Karibharal                              |             |                 |                  |                |                                   |                              |                            |   |                 |                      |                 |              |
| Kharija Kakribari                       | 74.31       | 936.93          | 1803.41          | 2865.11        | 1163.64                           | 1476.14                      | 708.75                     | 961.70                                  | 3152.27         | 277.84               | 398.86          | 0.00         |
| Kokoabari                               | 91.50       | 510.00          | 3040.00          | 1080.00        | 100.00                            | 1345.00                      | 490.00                     | 1400.00                                 | 1422.22         | 150.00               | 360.00          | 0.00         |
| Petbhata<br>Chandanchowra               | 98.67       | 1133.33         | 1073.33          | 5253.33        | 2840.00                           | 1546.67                      | 193.33                     | 21542.86                                | 15266.67        | 60.00                | 126.67          | 0.00         |
| Siddheswari                             | 97.66       | 650.00          | 1864.06          | 1426.63        | 402.81                            | 515.94                       | 128.05                     | 399.23                                  | 3841.16         | 37.52                | 328.91          | 181.75       |
| Uttar Gayargari                         | 85.37       | 590.28          | 941.67           | 1455.56        | 347.22                            | 654.17                       | 16.67                      | 1683.33                                 | 6406.25         | 0.00                 | 725.00          | 561.11       |
| Barabangla                              |             |                 |                  |                |                                   |                              |                            |   |                 |                      |                 |              |
| Kajalikura                              | 87.08       | 585.00          | 950.00           | 1422.50        | 375.00                            | 612.50                       | 15.00                      | 1657.50                                 | 6150.00         | 0.00                 | 1215.00         | 522.50       |
| Padmamari                               |             |                 |                  |                |                                   |                              |                            |   |                 |                      |                 |              |
| Sonarhat                                | 104.29      | 828.57          | 328.57           | 15442.86       | 1085.71                           | 1928.57                      | 492.86                     | 2142.86                                 | 11142.86        | 0.00                 | 528.57          | 0.00         |
| Elejanerkuthi                           | 91.25       | 987.50          | 462.50           | 550.00         | 337.50                            | 537.50                       | 250.00                     | 575.00                                  | 8637.50         | 75.00                | 13025.00        | 0.00         |
| Gosainganj                              | 1218.33     | 1441.67         | 1295.83          | 1025.00        | 1083.33                           | 982.50                       | 286.67                     | 695.83                                  | 810.00          | 166.67               | 695.83          | 1250.00      |
| Sitalabas                               | 89.62       | 651.92          | 310.00           | 378.85         | 1330.77                           | 335.38                       | 7.69                       | 974.23                                  | 311.15          | 11.54                | 577.88          | 132.69       |
| Natuarpar                               | 106.00      | 1390.00         | 2100.00          | 1068.00        | 0.00                              | 1320.00                      | 696.00                     | 1090.00                                 | 1000.00         | 400.00               | 385.00          | 0.00         |
| Garubhasa                               | 95.00       | 750.00          | 1800.00          | 450.00         | 1500.00                           | 500.00                       | 50.00                      | 1500.00                                 | 15000.00        | 0.00                 | 210.00          | 0.00         |
| Dodumari                                | 87.50       | 912.50          | 1566.67          | 3875.00        | 150.00                            | 1528.33                      | 125.00                     | 3770.83                                 | 6208.33         | 0.00                 | 437.50          | 0.00         |
| Malatiguri                              | 80.71       | 492.86          | 503.57           | 282.14         | 1185.71                           | 175.00                       | 21.43                      | 667.86                                  | 379.29          | 0.00                 | 130.00          | 96.43        |
| Dharmabarer Kuthi                       | 186.17      | 980.00          | 916.67           | 1723.33        | 1710.00                           | 1845.00                      | 210.00                     | 9370.00                                 | 11585.38        | 300.00               | 545.00          | 0.00         |
| Baisguri Khanda                         | 72.08       | 441.67          | 1591.67          | 450.00         | 533.33                            | 58.33                        | 268.33                     | 108.33                                  | 616.67          | 25.00                | 122.92          | 0.00         |
| Daksin Kharija<br>Gitaldaha             | 98.57       | 871.43          | 300.00           | 850.00         | 1614.29                           | 1050.00                      | 145.71                     | 485.71                                  | 4000.00         | 138.57               | 102.86          | 0.00         |
| Chhat Khochabari<br>Dwitiyo Khanda      | 67.08       | 791.67          | 366.67           | 211.67         | 908.33                            | 241.67                       | 72.50                      | 0.00                                    | 3750.00         | 28.33                | 5185.83         | 0.00         |

**A 15b. Household expenditure**

| <b>Household Expenditure for Others</b> |             |                 |                  |                |                               |                          |                        |                                 |                 |                      |                 |              |
|---|-------------|-----------------|------------------|----------------|-------------------------------|--------------------------|------------------------|---------------------------------|-----------------|----------------------|-----------------|--------------|
| <b>Villages</b>                         | <b>Food</b> | <b>Clothing</b> | <b>Education</b> | <b>Medical</b> | <b>Electricity, Gas, Fuel</b> | <b>Telephone, Mobile</b> | <b>House Repairing</b> | <b>Loan, Interest Repayment</b> | <b>Festival</b> | <b>Entertainment</b> | <b>Marriage</b> | <b>Other</b> |
| Gauchulca                               | 75.833332   | 1233.3333       | 2470.8333        | 1516.6667      | 3016.6667                     | 976.66667                | 400.83333              | 583.33333                       | 4500            | 100                  | 1050            | 0            |
| Purbba Hudumdanga                       | 102         | 1280            | 540              | 1030           | 915                           | 150                      | 87                     | 6050                            | 1715            | 49                   | 760             | 0            |
| Madhya Chhat Gopalpur                   |             |                 |                  |                |                               |                          |                        |                                 |                 |                      |                 |              |
| Chhat Khagribari                        |             |                 |                  |                |                               |                          |                        |                                 |                 |                      |                 |              |
| Chhota Chhat Dhan Dhanian               | 150         | 1000            | 0                | 500            | 500                           | 300                      | 200                    | 0                               | 0               | 50                   | 200             | 0            |
| Indrerkuthi                             | 90          | 500             | 1300             | 400            | 800                           | 0                        | 400                    | 1200                            | 0               | 300                  | 200             | 0            |
| Kharija Ratanpur                        | 100         | 500             | 0                | 500            | 2000                          | 1200                     | 300                    | 500                             | 0               | 100                  | 150             | 200          |
| Chandamari                              | 90          | 671.42859       | 171.42857        | 250            | 500                           | 228.57143                | 50                     | 0                               | 2857.1429       | 0                    | 114.28571       | 0            |
| Kurshamari                              | 75          | 900             | 254.54545        | 286.36364      | 872.72727                     | 727.27271                | 56.363636              | 1363.6364                       | 29090.909       | 22.727272            | 7150            | 31.818182    |
| Nagar Gopalganj                         | 85.555557   | 983.33331       | 730.55556        | 2060           | 1277.7778                     | 766.66669                | 558.33331              | 1761.1111                       | 333.33333       | 194.44444            | 800             | 0            |
| Patakamari                              | 110.25      | 995             | 476.25           | 2253.75        | 269.73684                     | 608.75                   | 459.75                 | 3230                            | 2370.6316       | 572.5                | 931.25          | 0            |
| Fulkadabri Bajejama                     |             |                 |                  |                |                               |                          |                        |                                 |                 |                      |                 |              |
| Bara Nijtaraf                           | 150         | 700             | 200              | 600            | 0                             | 0                        | 0                      | 0                               | 0               | 200                  | 500             | 0            |
| Fulkadabri                              |             |                 |                  |                |                               |                          |                        |                                 |                 |                      |                 |              |
| Paschim Gopalpur                        | 65          | 1450            | 1300             | 1125           | 650                           | 800                      | 170                    | 1675                            | 0               | 62.5                 | 625             | 0            |
| Satgharia                               | 78.46154    | 623.0769        | 507.69231        | 515.38462      | 330.76923                     | 788.46155                | 264.61539              | 730.76923                       | 2240            | 15.384615            | 662.30769       | 0            |
| Shatimari                               | 200         | 3000            | 48000            | 6000           | 1000                          | 4200                     | 1200                   | 5000                            | 0               | 500                  | 4000            | 0            |
| Gangadhar                               | 88.333336   | 1483.3334       | 0                | 550            | 700                           | 1283.3334                | 1013.3333              | 1983.3333                       | 0               | 191.66667            | 2883.3333       | 0            |
| Fulbari                                 | 110.52631   | 678.94739       | 536.84211        | 1921.0526      | 784.21053                     | 1026.3158                | 263.1579               | 14142.105                       | 11921.053       | 138.88889            | 323.68421       | 258.33333    |
| Chikliguri Dwitia Khanda                | 87.692307   | 1069.2307       | 1446.1538        | 715.38462      | 176.92308                     | 576.9231                 | 313.84616              | 3350                            | 1264.6154       | 0                    | 496.15385       | 0            |
| Velakopa Pratham Khanda                 | 100.125     | 416.625         | 243.75           | 697.875        | 391.66667                     | 166.70833                | 52.083332              | 1925.5                          | 2759.1667       | 4.1666665            | 6570.8333       | 0            |
| Bashraja Dwitia Khanda                  | 82          | 640             | 1060             | 900            | 1600                          | 52                       | 0                      | 920                             | 1100            | 10                   | 300             | 140          |
| Chhat Balakuthi                         | 147.38095   | 1345.2381       | 1057.1429        | 502.38095      | 28.571429                     | 1128.0952                | 114.28571              | 2430.9524                       | 964.28571       | 5                    | 17.857143       | 0            |
| Bakla                                   | 95          | 620             | 577              | 1215           | 760                           | 500                      | 120                    | 180                             | 8400            | 60                   | 240             | 0            |
| Shilghagri                              | 2006.0714   | 853.57144       | 542.85714        | 503.57143      | 932.14286                     | 160.71428                | 100                    | 678.57143                       | 3642.8571       | 3.5714285            | 192.85714       | 53.571429    |

**A15C. Ranking by Household Expenditure Index for Others**

| <b>Villages</b>                 | <b>HXOINDX</b> | <b>Rank</b> | <b>WHXOINDX</b> | <b>Rank</b> |
|---------------------------------|----------------|-------------|-----------------|-------------|
| Boragari                        | 3073.13        | 4           | 1379.98         | 4           |
| Borakhata                       | 613.79         | 33          | 648.16          | 24          |
| Hollanger Kuthi                 | 2271.95        | 8           | 1247.62         | 5           |
| Kachuban                        | 2011.38        | 10          | 916.95          | 13          |
| Kharija Kakribari               | 1151.58        | 14          | 1226.28         | 7           |
| Kokoabari                       | 832.39         | 24          | 1171.07         | 10          |
| Petbhata Chandanchowra          | 4094.57        | 2           | 1801.39         | 3           |
| Siddheswari                     | 822.81         | 25          | 716.19          | 21          |
| Uttar Gayargari                 | 1122.22        | 16          | 583.11          | 25          |
| Kajalikura                      | 1132.67        | 15          | 572.02          | 27          |
| Sonarhat                        | 2835.48        | 5           | 1842.65         | 2           |
| Elejanerkuthi                   | 2127.40        | 9           | 521.23          | 28          |
| Gosainganj                      | 912.64         | 22          | 898.95          | 14          |
| Sitalabas                       | 425.98         | 38          | 323.56          | 38          |
| Natuarpar                       | 796.25         | 28          | 1216.44         | 8           |
| Garubhasa                       | 1821.25        | 11          | 677.67          | 22          |
| Dodumari                        | 1555.14        | 12          | 1193.46         | 9           |
| Malatiguri                      | 334.58         | 41          | 276.56          | 41          |
| Dharmabarar Kuthi               | 2447.63        | 7           | 1242.94         | 6           |
| Baisguri Khanda                 | 357.36         | 40          | 475.12          | 32          |
| Daksin Kharija Gitaldaha        | 804.76         | 27          | 582.37          | 26          |
| Chhat Khochabari Dwitiyo Khanda | 968.65         | 21          | 316.72          | 39          |
| Gaochulca                       | 1327.01        | 13          | 1131.35         | 11          |
| Purbba Hudumdanga               | 1056.50        | 19          | 648.96          | 23          |
| Chhota Chhat Dhan Dhanian       | 241.67         | 42          | 335.68          | 37          |
| Indrerakuthi                    | 432.50         | 37          | 507.36          | 29          |
| Kharija Ratanpur                | 462.50         | 36          | 494.51          | 31          |
| Chandamari                      | 411.07         | 39          | 239.34          | 42          |
| Kurshamari                      | 3402.61        | 3           | 469.99          | 33          |
| Nagar Gopalganj                 | 795.93         | 29          | 814.74          | 18          |
| Patakamari                      | 1023.16        | 20          | 810.38          | 19          |
| Bara Nijtaraf                   | 195.83         | 43          | 233.48          | 43          |
| Paschim Gopalpur                | 660.21         | 31          | 858.01          | 16          |
| Satgharia                       | 563.08         | 35          | 495.44          | 30          |
| Shatimari                       | 6091.67        | 1           | 11082.54        | 1           |
| Gangadhar                       | 848.06         | 23          | 876.17          | 15          |
| Fulbari                         | 2675.43        | 6           | 1067.25         | 12          |
| Chikliguri Dwitia Khanda        | 791.41         | 30          | 797.94          | 20          |
| Velakopa Pratham Khanda         | 1110.71        | 17          | 286.45          | 40          |
| Bashraja Dwitia Khanda          | 567.00         | 34          | 428.00          | 35          |
| Chhat Balakuthi                 | 645.10         | 32          | 824.77          | 17          |
| Bakla                           | 1063.92        | 18          | 456.43          | 34          |
| Shilghagri                      | 805.86         | 26          | 376.56          | 36          |

Note: 1) HXOINDX=unweighted index, WHXOINDX=weighted index

2) The villages are ranked in descending order by the respective index.

1) The rank correlation between the two indices is 0.6477 and the correlation between the indices is 0.7345.

*Public Distribution System (B16a-b/ A16 a-b)*

It seems that some of the villages where the level of income is extremely low, the access to public distribution system is not too bad. Tables B16a-b show the reported levels of access to foodcrops, sugar, kerosene, etc according to the BPL/APL cards given to the villagers and the level of satisfaction reported by the respondents concerning availability, regularity and quality of foodcrops etc. For villages like Barabangla, Chhoto Chhat Dhan Dhan, Padmari, the adequacy of supplies is about 95%. In most other places, however, the availability of BPL/APL/ Antodyaya cards and consequent access to public distribution system ranges from as low as 8% (patakamari) to an average of 33% (Shilghagri). On the basis of these, Barabangla ranks at the top in terms of access to PDS, followed by Fulkadabri Bajejama (both indices) and Kharija Ratanpur (weighted index).

Among the non-SC/STs, Madhya Chhat Gopalpur, Chandamari and Chhat Khagri bari rank as the top three performers in terms of access to PDS. Worst performers on the other hand, include, Shighagri, Chikliguri Dwitiya Khanda and Bara Nijtaraf standing at the 50<sup>th</sup>, 49<sup>th</sup> and 48<sup>th</sup> place in terms of access to PDS facility. In fact, Bara Nijtaraf, Fulkadabri Bajejma, Fukladabri, Chikliguri Dwitiya Khanda, Fulbari, etc. report absolutely no access to PDS. From a food security point of view, we believe that the concerned authorities must look into these aspects with lot more care and emphasis than it has received in several years.

### **B 16a. Public Distribution System for SC/ST**

| <b>Villages</b>                 | <b>Availability of BPL /<br/>Antodaya / Annapurna<br/>card</b> | <b>Possession of card if<br/>APL</b> | <b>Adequate ration</b> |
|---------------------------------|--|--------------------------------------|------------------------|
| Boragari                        | 18.75%   | 13.33%                               | 13.33%                 |
| Borakhata                       | 20.83%   | 0.00%                                | 16.67%                 |
| Hollanger Kuthi                 | 42.19%   | 44.19%                               | 57.58%                 |
| Kachuban                        | 45.24%   | 52.63%                               | 65.12%                 |
| Karibharal                      | 50.00%   | 50.00%                               | 83.33%                 |
| Kharija Kakribari               | 56.67%   | 33.33%                               | 73.63%                 |
| Kokoabari                       | 55.56%   | 18.75%                               | 41.18%                 |
| Petbhata Chandanchowra          | 39.68%   | 60.61%                               | 74.60%                 |
| Siddheswari                     | 48.68%   | 26.96%                               | 51.32%                 |
| Uttar Gayargari                 | 36.36%   | 47.62%                               | 60.61%                 |
| Barabangla                      | 79.41%   | 50.00%                               | 97.06%                 |
| Kajalikura                      | 58.43%   | 52.08%                               | 84.27%                 |
| Padmamari                       | 55.00%   | 40.00%                               | 95.00%                 |
| Sonarhat                        | 47.06%   | 20.00%                               | 52.94%                 |
| Elejanerkuthi                   | 52.94%   | 29.17%                               | 33.33%                 |
| Gosainganj                      | 33.33%   | 18.18%                               | 25.00%                 |
| Sitalabas                       | 16.67%   | 31.25%                               | 37.50%                 |
| Natuarpar                       | 53.33%   | 50.00%                               | 58.33%                 |
| Garubhasa                       | 48.00%   | 60.00%                               | 54.17%                 |
| Dodumari                        | 34.78%   | 69.23%                               | 62.50%                 |
| Malatiguri                      | 41.67%   | 35.71%                               | 62.50%                 |
| Dharmabarar Kuthi               | 20.83%   | 30.00%                               | 16.67%                 |
| Baisguri Khanda                 | 40.00%   | 72.73%                               | 72.00%                 |
| Daksin Kharija Gitaldaha        | 39.29%   | 40.00%                               | 66.67%                 |
| Chhat Khochabari Dwitiyo Khanda | 53.85%   | 20.83%                               | 29.17%                 |
| Gaochulca                       | 21.74%   | 45.00%                               | 68.18%                 |
| Purbba Hudumdanga               | 72.22%   | 14.29%                               | 4.17%                  |
| Madhya Chhat Gopalpur           | 70.83%   | 42.11%                               | 4.00%                  |
| Chhat Khagribari                | 40.00%   | 56.00%                               | 72.00%                 |
| Chhota Chhat Dhan Dhan          | 48.28%   | 69.23%                               | 95.83%                 |
| Indrerakuthi                    | 39.29%   | 93.33%                               | 91.67%                 |
| Kharija Ratanpur                | 70.83%   | 58.33%                               | 91.67%                 |
| Chandamari                      | 22.22%   | 45.83%                               | 20.83%                 |
| Kurshamari                      | 30.00%   | 29.17%                               | 12.50%                 |
| Nagar Gopalganj                 | 8.00%  | 16.67%                               | 25.00%                 |
| Patakamari                      | 12.50%   | 0.00%                                | 8.33%                  |
| Fulkadabri Bajajama             | 58.33%   | 75.00%                               | 100.00%                |
| Bara Nijtaraf                   | 41.67%   | 100.00%                              | 95.83%                 |
| Fulkadabri                      | 16.67%   | 100.00%                              | 100.00%                |
| Paschim Gopalpur                | 43.33%   | 42.86%                               | 82.61%                 |
| Satgharia                       | 34.48%   | 4.35%                                | 45.83%                 |
| Shatimari                       | 41.67%   | 85.71%                               | 91.67%                 |
| Gangadhar                       | 53.57%   | 12.50%                               | 75.00%                 |
| Fulbari                         | 23.08%   | 8.33%                                | 20.83%                 |
| Chikliguri Dwitia Khanda        | 23.81%   | 35.29%                               | 45.83%                 |
| Velakopa Pratham Khanda         | 28.57%   | 50.00%                               | 30.43%                 |
| Bashraja Dwitia Khanda          | 42.86%   | 35.00%                               | 66.67%                 |
| Chhat Balakuthi                 | 30.43%   | 50.00%                               | 56.52%                 |
| Bakla                           | 25.93%   | 30.43%                               | 54.17%                 |
| Shilghagri                      | 25.00%   | 18.18%                               | 33.33%                 |

### B 16b. Ranking by Public Distribution System

| Villages                        | PDSSCINDX | Rank | WPDSSCINDX | Rank |
|---------------------------------|-----------|------|------------|------|
| Boragari                        | 15.14     | 48   | 15.98      | 47   |
| Borakhata                       | 12.50     | 49   | 14.74      | 48   |
| Hollanger Kuthi                 | 47.98     | 24   | 46.88      | 24   |
| Kachuban                        | 54.33     | 18   | 52.45      | 19   |
| Karibharal                      | 61.11     | 12   | 59.15      | 11   |
| Kharija Kakribari               | 54.54     | 17   | 55.77      | 13   |
| Kokoabari                       | 38.49     | 32   | 42.86      | 29   |
| Petbhata Chandanchowra          | 58.30     | 13   | 54.24      | 14   |
| Siddheswari                     | 42.32     | 29   | 44.24      | 28   |
| Uttar Gayargari                 | 48.20     | 22   | 45.69      | 26   |
| Barabangla                      | 75.49     | 3    | 77.26      | 1    |
| Kajalikura                      | 64.93     | 9    | 64.01      | 8    |
| Padmamari                       | 63.33     | 10   | 62.41      | 9    |
| Sonarhat                        | 40.00     | 30   | 42.24      | 31   |
| Elejanerkuthi                   | 38.48     | 33   | 41.91      | 32   |
| Gosainganj                      | 25.51     | 42   | 27.44      | 41   |
| Sitalabas                       | 28.47     | 40   | 25.85      | 42   |
| Natuarpar                       | 53.89     | 20   | 53.91      | 16   |
| Garubhasa                       | 54.06     | 19   | 52.54      | 18   |
| Dodumari                        | 55.50     | 16   | 50.58      | 20   |
| Malatiguri                      | 46.63     | 26   | 45.97      | 25   |
| Dharmabarer Kuthi               | 22.50     | 45   | 21.87      | 45   |
| Baisguri Khanda                 | 61.58     | 11   | 56.56      | 12   |
| Daksin Kharija Gitaldaha        | 48.65     | 21   | 46.97      | 23   |
| Chhat Khochabari Dwitiyo Khanda | 34.62     | 37   | 39.23      | 35   |
| Gaochulca                       | 44.97     | 28   | 40.01      | 33   |
| Purbba Hudumdanga               | 30.22     | 38   | 39.78      | 34   |
| Madhya Chhat Gopalpur           | 38.98     | 31   | 45.67      | 27   |
| Chhat Khagribari                | 56.00     | 15   | 52.58      | 17   |
| Chhota Chhat Dhan Dhanania      | 71.11     | 8    | 66.31      | 6    |
| Indrekuthi                      | 74.76     | 4    | 66.51      | 5    |
| Kharija Ratanpur                | 73.61     | 5    | 73.58      | 3    |
| Chandamari                      | 29.63     | 39   | 27.45      | 40   |
| Kurshamari                      | 23.89     | 44   | 25.00      | 44   |
| Nagar Gopalganj                 | 16.56     | 47   | 14.72      | 49   |
| Patakamari                      | 6.94      | 50   | 8.39       | 50   |
| Fulkadabri Bajejama             | 77.78     | 2    | 73.73      | 2    |
| Bara Nijtaraf                   | 79.17     | 1    | 70.40      | 4    |
| Fulkadabri                      | 72.22     | 7    | 59.34      | 10   |
| Paschim Gopalpur                | 56.27     | 14   | 54.00      | 15   |
| Satgharia                       | 28.22     | 41   | 30.43      | 39   |
| Shatimari                       | 73.02     | 6    | 65.86      | 7    |
| Gangadhar                       | 47.02     | 25   | 49.69      | 21   |
| Fulbari                         | 17.41     | 46   | 18.96      | 46   |
| Chikliguri Dwitia Khanda        | 34.98     | 36   | 32.58      | 38   |
| Velakopa Pratham Khanda         | 36.34     | 35   | 34.18      | 37   |
| Bashraja Dwitia Khanda          | 48.17     | 23   | 47.52      | 22   |
| Chhat Balakuthi                 | 45.65     | 27   | 42.24      | 30   |
| Bakla                           | 36.84     | 34   | 34.75      | 36   |
| Shilghagri                      | 25.51     | 42   | 25.67      | 43   |

Note: 1) PDSSCINDX=unweighted index, WPDSSCINDX=weighted index, 2) The villages are ranked in descending order by the respective index. 3) The rank correlation between the two indices is 0.9884 and the correlation between the indices is 0.9816.

### A16a. Public Distribution System for Others

| <b>Villages</b>                 | <b>Availability of BPL /<br/>Antodaya / Annapurna<br/>card</b> | <b>Possesion of card if APL</b> | <b>Adequate ration</b> |
|---------------------------------|--|---------------------------------|------------------------|
| Boragari                        | 12.50%   | 13.33%                          | 13.33%                 |
| Borakhata                       | 0.00%  | 8.33%                           | 4.17%                  |
| Hollanger Kuthi                 | 26.56%   | 27.91%                          | 12.12%                 |
| Kachuban                        | 23.81%   | 21.05%                          | 2.33%                  |
| Karibharal                      | 50.00%   | 50.00%                          | 16.67%                 |
| Kharija Kakribari               | 22.22%   | 42.42%                          | 5.49%                  |
| Kokoabari                       | 22.22%   | 25.00%                          | 0.00%                  |
| Petbhata Chandanchowra          | 36.51%   | 18.18%                          | 1.59%                  |
| Siddheswari                     | 20.39%   | 42.61%                          | 17.76%                 |
| Uttar Gayargari                 | 30.30%   | 14.29%                          | 6.06%                  |
| Barabangla                      | 20.59%   | 50.00%                          | 2.94%                  |
| Kajalikura                      | 28.09%   | 29.17%                          | 2.25%                  |
| Padmamari                       | 45.00%   | 60.00%                          | 5.00%                  |
| Sonarhat                        | 11.76%   | 40.00%                          | 5.88%                  |
| Elejanerkuthi                   | 41.18%   | 37.50%                          | 33.33%                 |
| Gosainganj                      | 8.33%  | 18.18%                          | 16.67%                 |
| Sitalabas                       | 20.83%   | 18.75%                          | 0.00%                  |
| Natuarpar                       | 40.00%   | 0.00%                           | 0.00%                  |
| Garubhasa                       | 24.00%   | 30.00%                          | 37.50%                 |
| Dodumari                        | 34.78%   | 0.00%                           | 8.33%                  |
| Malatiguri                      | 20.83%   | 21.43%                          | 0.00%                  |
| Dharmabarar Kuthi               | 12.50%   | 0.00%                           | 16.67%                 |
| Baisguri Khanda                 | 32.00%   | 9.09%                           | 0.00%                  |
| Daksin Kharija Gitaldaha        | 21.43%   | 13.33%                          | 4.17%                  |
| Chhat Khochabari Dwitiyo Khanda | 38.46%   | 29.17%                          | 20.83%                 |
| Gaochulca                       | 47.83%   | 20.00%                          | 0.00%                  |
| Purbba Hudumdanga               | 5.56%  | 14.29%                          | 54.17%                 |
| Madhya Chhat Gopalpur           | 29.17%   | 57.89%                          | 96.00%                 |
| Chhat Khagribari                | 60.00%   | 44.00%                          | 28.00%                 |
| Chhota Chhat Dhan Dhanian       | 31.03%   | 30.77%                          | 0.00%                  |
| Indrerakuthi                    | 42.86%   | 6.67%                           | 4.17%                  |
| Kharija Ratanpur                | 25.00%   | 33.33%                          | 4.17%                  |
| Chandamari                      | 40.74%   | 25.00%                          | 50.00%                 |
| Kurshamari                      | 35.00%   | 25.00%                          | 41.67%                 |
| Nagar Gopalganj                 | 16.00%   | 8.33%                           | 0.00%                  |
| Patakamari                      | 0.00%  | 0.00%                           | 4.17%                  |
| Fulkadabri Bajejama             | 41.67%   | 25.00%                          | 0.00%                  |
| Bara Nijtaraf                   | 22.22%   | 0.00%                           | 0.00%                  |
| Fulkadabri                      | 83.33%   | 0.00%                           | 0.00%                  |
| Paschim Gopalpur                | 23.33%   | 28.57%                          | 0.00%                  |
| Satgharia                       | 3.45%  | 43.48%                          | 0.00%                  |
| Shatimari                       | 54.17%   | 7.14%                           | 4.17%                  |
| Gangadhar                       | 10.71%   | 62.50%                          | 0.00%                  |
| Fulbari                         | 15.38%   | 12.50%                          | 0.00%                  |
| Chikliguri Dwitia Khanda        | 19.05%   | 0.00%                           | 0.00%                  |
| Velakopa Pratham Khanda         | 19.05%   | 7.14%                           | 13.04%                 |
| Bashraja Dwitia Khanda          | 25.00%   | 40.00%                          | 12.50%                 |
| Chhat Balakuthi                 | 26.09%   | 12.50%                          | 0.00%                  |
| Bakla                           | 25.93%   | 26.09%                          | 4.17%                  |
| Shilghagri                      | 8.33%  | 0.00%                           | 0.00%                  |

### A 16b. Ranking by Public Distribution System

| Villages                       | PDSOINDX | Rank | WPDSOINDX | Rank |
|--------------------------------|----------|------|-----------|------|
| Boragari                       | 13.06    | 40   | 13.28     | 26   |
| Borakhata                      | 4.17     | 48   | 5.82      | 43   |
| Hollanger Kuthi                | 22.20    | 19   | 20.48     | 18   |
| Kachuban                       | 15.73    | 31   | 12.54     | 29   |
| Karibharal                     | 38.89    | 3    | 34.51     | 5    |
| Kharija Kakribari              | 23.38    | 16   | 23.87     | 15   |
| Kokoabari                      | 15.74    | 30   | 13.19     | 27   |
| Petbhata Chandanchowra         | 18.76    | 25   | 11.73     | 30   |
| Siddheswari                    | 26.92    | 11   | 29.53     | 11   |
| Uttar Gayargari                | 16.88    | 29   | 11.57     | 31   |
| Barabangla                     | 24.51    | 14   | 26.11     | 13   |
| Kajalikura                     | 19.83    | 23   | 16.58     | 21   |
| Padmamari                      | 36.67    | 6    | 33.41     | 7    |
| Sonarhat                       | 19.22    | 24   | 22.20     | 16   |
| Elejanerkuthi                  | 37.34    | 5    | 35.82     | 4    |
| Gosainganj                     | 14.39    | 33   | 16.80     | 20   |
| Sitalabas                      | 13.19    | 38   | 10.18     | 34   |
| Natuarpar                      | 13.33    | 37   | 2.75      | 46   |
| Garubhasa                      | 30.50    | 8    | 33.07     | 8    |
| Dodumari                       | 14.37    | 34   | 6.27      | 42   |
| Malatiguri                     | 14.09    | 35   | 11.43     | 32   |
| Dharmabarer Kuthi              | 9.72     | 43   | 8.61      | 37   |
| Baisguri Khanda                | 13.70    | 36   | 6.44      | 41   |
| Daksin Kharija Gitaldaha       | 12.98    | 41   | 9.63      | 35   |
| Chhat Khochabari Dwtiyo Khanda | 29.49    | 9    | 25.93     | 14   |
| Gaochulca                      | 22.61    | 17   | 12.62     | 28   |
| Purbba Hudumdanga              | 24.67    | 13   | 32.22     | 9    |
| Madhya Chhat Gopalpur          | 61.02    | 1    | 73.63     | 1    |
| Chhat Khagribari               | 44.00    | 2    | 37.67     | 3    |
| Chhota Chhat Dhan Dhanian      | 20.60    | 22   | 16.49     | 22   |
| Indrerakuthi                   | 17.90    | 27   | 7.99      | 38   |
| Kharija Ratanpur               | 20.83    | 21   | 19.21     | 19   |
| Chandamari                     | 38.58    | 4    | 37.70     | 2    |
| Kurshamari                     | 33.89    | 7    | 33.43     | 6    |
| Nagar Gopalganj                | 8.11     | 45   | 4.99      | 45   |
| Patakamari                     | 1.39     | 50   | 1.94      | 47   |
| Fulkadabri Bajejama            | 22.22    | 18   | 14.53     | 25   |
| Bara Nijtaraf                  | 7.41     | 46   | 1.53      | 48   |
| Fulkadabri                     | 27.78    | 10   | 5.73      | 44   |
| Paschim Gopalpur               | 17.30    | 28   | 14.93     | 24   |
| Satgharia                      | 15.64    | 32   | 20.52     | 17   |
| Shatimari                      | 21.83    | 20   | 9.00      | 36   |
| Gangadhar                      | 24.40    | 15   | 29.89     | 10   |
| Fulbari                        | 9.29     | 44   | 6.89      | 40   |
| Chikliguri Dwtia Khanda        | 6.35     | 47   | 1.31      | 49   |
| Velakopa Pratham Khanda        | 13.08    | 39   | 10.70     | 33   |
| Bashraja Dwtia Khanda          | 25.83    | 12   | 26.19     | 12   |
| Chhat Balakuthi                | 12.86    | 42   | 7.63      | 39   |
| Bakla                          | 18.73    | 26   | 15.89     | 23   |
| Shilghagri                     | 2.78     | 49   | 0.57      | 50   |

- Note:
- 1) PDSOINDX=unweighted index, WPDSOINDX=weighted index
  - 2) The villages are ranked in descending order by the respective index.
  - 3) The rank correlation between the two indices is 0.8619 and the correlation between the indices is 0.9183.



## **5.12 Vaccination among Children (B17a-b / A17a-b)**

One final issue of critical importance for the well being of children constituting the focus of our entire analysis is the extent of vaccination among the children in the age group of 12-23 months. It turns out that the villages of Kachuban, Padmamari, Kharibaral etc. 100% of households in our sample have obtained birth certificates for every child born. In the same villages the extent of vaccination, as our surveyors observed from the health cards at the household levels, is also quite high. Vaccines of Polio, DPT, Measles, BCG are regularly administered by governmental agencies. Within the 50 villages, Padmarai, Garubasha, Kachuban rank the best in terms of coverage under vaccination as far as children belonging to SC/ST types are concerned.

For the non-SC/ST category, however, Kokoabari, Borakhata, Padmamari etc. report 100% coverage in terms of vaccination. Some other villages like Sonarhat, Dodumari, Hollanger Kuthi etc. the reported incidence of vaccination (from health cards) is about 33% on average, implying that despite some improvements in the coverage the outreach is far from satisfactory.

### **B 17a. Vaccination of children (12-23 months)**

| <b>Vaccination &amp; Birth Certificate Related Information for SC/ST (in %)</b> |                          |  |            |            |                |                          |
|---|--------------------------|--|------------|------------|----------------|--------------------------|
| <b>Villages</b>   | <b>Birth Certificate</b> | <b>Vaccination of children (12-23months)</b> |            |            |                | <b>Government Agency</b> |
|   |                          | <b>Polio</b>                                 | <b>DPT</b> | <b>BCG</b> | <b>Measles</b> |                          |
| Boragari  | 0.00%                    | 0.00%  | 0.00%      | 0.00%      | 0.00%          | 0.00%                    |
| Borakhata   | 0.00%                    |  |            |            |                |                          |
| Hollanger Kuthi   | 50.00%                   | 66.67%                                       | 66.67%     | 66.67%     | 33.33%         | 66.67%                   |
| Kachuban  | 100.00%                  | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Karibharal  | 100.00%                  | 100.00%                                      | 100.00%    | 100.00%    | 0.00%          | 100.00%                  |
| Kharija Kakribari   | 75.00%                   |  |            |            |                |                          |
| Kokoabari   | 0.00%                    | 0.00%  | 0.00%      | 0.00%      | 0.00%          |                          |
| Petbhata Chandanchowra  | 64.71%                   | 80.00%                                       | 80.00%     | 80.00%     | 60.00%         | 80.00%                   |
| Siddheswari   | 70.59%                   | 42.86%                                       | 42.86%     | 42.86%     | 42.86%         | 42.86%                   |
| Uttar Gayargari   | 57.14%                   | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Barabangla  | 87.50%                   | 50.00%                                       | 50.00%     | 50.00%     | 50.00%         | 50.00%                   |
| Kajalikura  | 80.00%                   | 80.00%                                       | 80.00%     | 80.00%     | 60.00%         | 80.00%                   |
| Padmamari   | 100.00%                  | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Sonarhat  | 50.00%                   |  |            |            |                |                          |
| Elejanerkuthi   | 55.56%                   | 80.00%                                       | 80.00%     | 80.00%     | 80.00%         | 80.00%                   |
| Gosainganj  | 36.84%                   | 14.29%                                       | 14.29%     | 14.29%     | 14.29%         | 14.29%                   |
| Sitalabas   | 32.00%                   | 46.15%                                       | 46.15%     | 46.15%     | 38.46%         | 46.15%                   |
| Natuarpur   | 57.14%                   | 80.00%                                       | 80.00%     | 80.00%     | 80.00%         | 80.00%                   |
| Garubhasa   | 100.00%                  | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Dodumari  | 75.00%                   | 50.00%                                       | 50.00%     | 50.00%     | 50.00%         | 50.00%                   |
| Malatiguri  | 40.00%                   | 0.00%  | 0.00%      | 0.00%      | 0.00%          | 100.00%                  |
| Dharmabarer Kuthi   | 31.25%                   | 100.00%                                      | 100.00%    | 100.00%    | 0.00%          | 100.00%                  |
| Baisguri Khanda   | 50.00%                   | 50.00%                                       | 50.00%     | 50.00%     | 50.00%         | 50.00%                   |
| Daksin Kharija Gitaldaha  | 50.00%                   | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Chhat Khochabari Dwitiyo Khanda   | 40.00%                   | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Gaochulca   | 58.33%                   | 42.86%                                       | 42.86%     | 42.86%     | 42.86%         | 42.86%                   |
| Purbba Hudumdanga   | 47.06%                   | 25.00%                                       | 25.00%     | 25.00%     | 25.00%         | 25.00%                   |
| Madhya Chhat Gopalpur   | 50.00%                   | 100.00%                                      | 100.00%    | 100.00%    | 60.00%         | 100.00%                  |
| Chhat Khagribari  | 72.73%                   | 100.00%                                      | 100.00%    | 100.00%    | 80.00%         | 100.00%                  |
| Chhota Chhat Dhan Dhan  | 37.50%                   | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Indrerkuthi   | 68.00%                   | 100.00%                                      | 100.00%    | 100.00%    | 20.00%         | 100.00%                  |
| Kharija Ratanpur  | 94.12%                   | 80.00%                                       | 80.00%     | 80.00%     | 20.00%         | 80.00%                   |
| Chandamari  | 68.42%                   | 66.67%                                       | 66.67%     | 66.67%     | 66.67%         | 66.67%                   |
| Kurshamari  | 58.82%                   | 42.86%                                       | 42.86%     | 42.86%     | 42.86%         | 42.86%                   |
| Nagar Gopalganj   | 22.22%                   | 50.00%                                       | 50.00%     | 50.00%     | 50.00%         | 50.00%                   |
| Patakamari  | 11.76%                   | 0.00%  | 0.00%      | 0.00%      | 0.00%          | 0.00%                    |
| Fulkadabri Bajejama   | 66.67%                   | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 87.50%                   |
| Bara Nijtaraf   | 83.33%                   | 87.50%                                       | 87.50%     | 87.50%     | 75.00%         | 100.00%                  |
| Fulkadabri  | 66.67%                   | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Paschim Gopalpur  | 75.00%                   | 100.00%                                      | 100.00%    | 100.00%    | 83.33%         | 42.86%                   |
| Satgharia   | 52.94%                   | 42.86%                                       | 42.86%     | 42.86%     | 42.86%         |                          |
| Shatimari   | 100.00%                  | 100.00%                                      | 100.00%    | 100.00%    | 50.00%         | 100.00%                  |
| Gangadhar   | 76.19%                   | 100.00%                                      | 100.00%    | 100.00%    | 100.00%        | 100.00%                  |
| Fulbari   | 25.00%                   |  |            |            |                |                          |
| Chikliguri Dwitiya Khanda   | 45.45%                   | 50.00%                                       | 50.00%     | 50.00%     | 50.00%         | 50.00%                   |
| Velakopa Pratham Khanda   | 40.00%                   | 0.00%  | 0.00%      | 0.00%      | 0.00%          | 0.00%                    |
| Bashraja Dwitiya Khanda   | 83.33%                   | 50.00%                                       | 50.00%     | 50.00%     | 50.00%         | 75.00%                   |
| Chhat Balakuthi   | 100.00%                  |  |            |            |                |                          |
| Bakla   | 50.00%                   | 0.00%  | 0.00%      | 0.00%      | 0.00%          | 0.00%                    |
| Shilghagri  | 42.86%                   | 0.00%  | 0.00%      | 0.00%      | 0.00%          | 0.00%                    |

### B 17b. Ranking villages by Vaccination Index

| Villages                        | VSCINDX | Rank | WVSCINDX | Rank |
|---------------------------------|---------|------|----------|------|
| Boragari                        | 0.00    | 48   | 0.00     | 48   |
| Borakhata                       | 0.00    | 48   | 0.00     | 48   |
| Hollanger Kuthi                 | 58.33   | 28   | 60.82    | 25   |
| Kachuban                        | 100.00  | 1    | 100.00   | 1    |
| Karibharal                      | 83.33   | 17   | 86.86    | 15   |
| Kharija Kakribari               | 75.00   | 22   | 6.61     | 41   |
| Kokoabari                       | 0.00    | 48   | 0.00     | 48   |
| Petbhata Chandanchowra          | 74.12   | 23   | 76.03    | 22   |
| Siddheswari                     | 47.48   | 34   | 45.30    | 32   |
| Uttar Gayargari                 | 92.86   | 7    | 96.23    | 6    |
| Barabangla                      | 56.25   | 29   | 53.30    | 27   |
| Kajalikura                      | 76.67   | 19   | 77.37    | 21   |
| Padmamari                       | 100.00  | 1    | 100.00   | 1    |
| Sonarhat                        | 50.00   | 31   | 4.40     | 42   |
| Elejanerkuthi                   | 75.93   | 21   | 77.85    | 20   |
| Gosainganj                      | 18.05   | 43   | 16.27    | 39   |
| Sitalabas                       | 42.51   | 39   | 43.90    | 35   |
| Natuarpar                       | 76.19   | 20   | 77.99    | 19   |
| Garubhasa                       | 100.00  | 1    | 100.00   | 1    |
| Dodumari                        | 54.17   | 30   | 52.20    | 28   |
| Malatiguri                      | 23.33   | 42   | 20.64    | 38   |
| Dharmabarer Kuthi               | 71.88   | 25   | 80.81    | 18   |
| Baisguri Khanda                 | 50.00   | 31   | 50.00    | 29   |
| Daksin Kharija Gitaldaha        | 91.67   | 10   | 95.60    | 7    |
| Chhat Khochabari Dwitiyo Khanda | 90.00   | 12   | 94.72    | 10   |
| Gaochulca                       | 45.44   | 36   | 44.22    | 34   |
| Purbba Hudumdanga               | 28.68   | 40   | 26.94    | 37   |
| Madhya Chhat Gopalpur           | 85.00   | 15   | 90.34    | 13   |
| Chhat Khagribari                | 92.12   | 9    | 94.97    | 8    |
| Chhota Chhat Dhan Dhanania      | 89.58   | 13   | 94.50    | 11   |
| Indrekuthi                      | 81.33   | 18   | 86.67    | 16   |
| Kharija Ratanpur                | 72.35   | 24   | 73.36    | 23   |
| Chandamari                      | 66.96   | 26   | 66.82    | 24   |
| Kurshamari                      | 45.52   | 35   | 44.26    | 33   |
| Nagar Gopalganj                 | 45.37   | 37   | 47.55    | 31   |
| Patakamari                      | 1.96    | 47   | 1.04     | 47   |
| Fulkadabri Bajejama             | 92.36   | 8    | 94.92    | 9    |
| Bara Nijtaraf                   | 86.81   | 14   | 87.63    | 14   |
| Fulkadabri                      | 94.44   | 6    | 97.06    | 5    |
| Paschim Gopalpur                | 83.53   | 16   | 85.82    | 17   |
| Satgharia                       | 44.87   | 38   | 36.41    | 36   |
| Shatimari                       | 91.67   | 10   | 93.43    | 12   |
| Gangadhar                       | 96.03   | 5    | 97.90    | 4    |
| Fulbari                         | 25.00   | 41   | 2.20     | 46   |
| Chikliguri Dwitia Khanda        | 49.24   | 33   | 49.60    | 30   |
| Velakopa Pratham Khanda         | 6.67    | 46   | 3.52     | 45   |
| Bashraja Dwitia Khanda          | 59.72   | 27   | 57.22    | 26   |
| Chhat Balakuthi                 | 100.00  | 1    | 8.81     | 40   |
| Bakla                           | 8.33    | 44   | 4.40     | 42   |
| Shilghagri                      | 7.14    | 45   | 3.77     | 44   |

Note: 1) VSCINDX=unweighted index, WVSCINDX=weighted index

2) The villages are ranked in descending order by the respective index.

3) The rank correlation between the two indices is 0.8961 and the correlation between the indices is 0.8714.

### A 17a. Vaccination of children (12-23 months)

| Vaccination & Birth Certificate Related Information for Others (in %) |                   |                                       |         |         |         |                   |
|---|-------------------|---------------------------------------|---------|---------|---------|-------------------|
| Villages  | Birth Certificate | Vaccination of children (12-23months) |         |         |         | Government Agency |
|   |                   | Polio                                 | DPT     | BCG     | Measles |                   |
| Boragari  | 50.00%            | 100.00%                               | 100.00% | 100.00% | 100.00% | 100.00%           |
| Borakhata   | 100.00%           |                                       |         |         |         |                   |
| Hollanger Kuthi   | 41.67%            | 33.33%                                | 33.33%  | 33.33%  | 0.00%   | 33.33%            |
| Kachuban  | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Karibharal  | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Kharija Kakribari   | 12.50%            |                                       |         |         |         |                   |
| Kokoabari   | 100.00%           | 100.00%                               | 100.00% | 100.00% | 100.00% |                   |
| Petbhata Chandanchowra  | 35.29%            | 20.00%                                | 20.00%  | 20.00%  | 20.00%  | 0.00%             |
| Siddheswari   | 23.53%            | 28.57%                                | 28.57%  | 28.57%  | 28.57%  | 28.57%            |
| Uttar Gayargari   | 14.29%            | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Barabangla  | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Kajalikura  | 4.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Padmamari   | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Sonarhat  | 33.33%            |                                       |         |         |         |                   |
| Elejanerkuthi   | 33.33%            | 20.00%                                | 20.00%  | 20.00%  | 20.00%  | 20.00%            |
| Gosainganj  | 57.89%            | 85.71%                                | 85.71%  | 85.71%  | 71.43%  | 71.43%            |
| Sitalabas   | 56.00%            | 53.85%                                | 53.85%  | 53.85%  | 30.77%  | 53.85%            |
| Natuarpar   | 35.71%            | 20.00%                                | 20.00%  | 20.00%  | 20.00%  | 20.00%            |
| Garubhasa   | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Dodumari  | 12.50%            | 25.00%                                | 25.00%  | 25.00%  | 25.00%  | 25.00%            |
| Malatiguri  | 60.00%            | 100.00%                               | 100.00% | 100.00% | 50.00%  | 0.00%             |
| Dharmabarer Kuthi   | 68.75%            | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Baisguri Khanda   | 31.25%            | 50.00%                                | 50.00%  | 50.00%  | 25.00%  | 50.00%            |
| Daksin Kharija Gitaldaha  | 25.00%            | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Chhat Khochabari Dwitiyo Khanda                                       | 50.00%            | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Gaochulca   | 33.33%            | 57.14%                                | 57.14%  | 57.14%  | 57.14%  | 57.14%            |
| Purbba Hudumdanga   | 35.29%            | 75.00%                                | 75.00%  | 75.00%  | 75.00%  | 75.00%            |
| Madhya Chhat Gopalpur   | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Chhat Khagribari  | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Chhota Chhat Dhan Dhan  | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Indrekuthi  | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Kharija Ratanpur  | 5.88%             | 20.00%                                | 20.00%  | 20.00%  | 20.00%  | 20.00%            |
| Chandamari  | 31.58%            | 33.33%                                | 33.33%  | 33.33%  | 16.67%  | 33.33%            |
| Kurshamari  | 35.29%            | 57.14%                                | 57.14%  | 57.14%  | 42.86%  | 0.00%             |
| Nagar Gopalganj   | 77.78%            | 50.00%                                | 50.00%  | 50.00%  | 50.00%  | 50.00%            |
| Patakamari  | 76.47%            | 100.00%                               | 100.00% | 100.00% | 100.00% | 100.00%           |
| Fulkadabri Bajejama   | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 12.50%            |
| Bara Nijtaraf   | 5.56%             | 12.50%                                | 12.50%  | 12.50%  | 12.50%  | 0.00%             |
| Fulkadabri  | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Paschim Gopalpur  | 18.75%            | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 57.14%            |
| Satgharia   | 41.18%            | 57.14%                                | 57.14%  | 57.14%  | 57.14%  |                   |
| Shatimari   | 0.00%             | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Gangadhar   | 14.29%            | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 0.00%             |
| Fulbari   | 50.00%            |                                       |         |         |         |                   |
| Chikliguri Dwitia Khanda  | 45.45%            | 50.00%                                | 50.00%  | 50.00%  | 50.00%  | 0.00%             |
| Velakopa Pratham Khanda   | 46.67%            | 0.00%                                 | 0.00%   | 0.00%   | 0.00%   | 66.67%            |
| Bashraja Dwitia Khanda  | 16.67%            | 50.00%                                | 50.00%  | 50.00%  | 50.00%  | 0.00%             |
| Chhat Balakuthi   | 0.00%             |                                       |         |         |         |                   |
| Bakla   | 50.00%            | 100.00%                               | 100.00% | 100.00% | 0.00%   | 100.00%           |
| Shilghagri  | 57.14%            | 100.00%                               | 100.00% | 100.00% | 100.00% | 100.00%           |

### A 17b. Ranking by vaccination index

| Villages                        | VOINDX | Rank | WVOINDX | Rank |
|---------------------------------|--------|------|---------|------|
| Boragari                        | 91.67  | 5    | 93.78   | 3    |
| Borakhata                       | 100.00 | 1    | 12.43   | 26   |
| Hollanger Kuthi                 | 29.17  | 21   | 29.00   | 18   |
| Kachuban                        | 0.00   | 39   | 0.00    | 39   |
| Karibharal                      | 0.00   | 39   | 0.00    | 39   |
| Kharija Kakribari               | 12.50  | 30   | 1.55    | 37   |
| Kokoabari                       | 100.00 | 1    | 86.55   | 4    |
| Petbhata Chandanchowra          | 19.22  | 26   | 19.21   | 23   |
| Siddheswari                     | 27.73  | 22   | 27.94   | 19   |
| Uttar Gayargari                 | 2.38   | 35   | 1.78    | 34   |
| Barabangla                      | 0.00   | 39   | 0.00    | 39   |
| Kajalikura                      | 0.67   | 38   | 0.50    | 38   |
| Padmamari                       | 0.00   | 39   | 0.00    | 39   |
| Sonarhat                        | 33.33  | 19   | 4.14    | 32   |
| Elejanerkuthi                   | 22.22  | 25   | 21.66   | 22   |
| Gosainganj                      | 76.32  | 6    | 78.03   | 5    |
| Sitalabas                       | 50.36  | 13   | 50.39   | 11   |
| Natuarpar                       | 22.62  | 24   | 21.95   | 21   |
| Garubhasa                       | 0.00   | 39   | 0.00    | 39   |
| Dodumari                        | 22.92  | 23   | 23.45   | 20   |
| Malatiguri                      | 68.33  | 9    | 73.51   | 7    |
| Dharmabarer Kuthi               | 11.46  | 31   | 8.55    | 29   |
| Baisguri Khanda                 | 42.71  | 15   | 43.64   | 14   |
| Daksin Kharija Gitaldaha        | 4.17   | 34   | 3.11    | 33   |
| Chhat Khochabari Dwitiyo Khanda | 8.33   | 33   | 6.22    | 30   |
| Gaochulca                       | 53.17  | 12   | 54.18   | 9    |
| Purbba Hudumdanga               | 68.38  | 8    | 70.06   | 8    |
| Madhya Chhat Gopalpur           | 0.00   | 39   | 0.00    | 39   |
| Chhat Khagribari                | 0.00   | 39   | 0.00    | 39   |
| Chhota Chhat Dhan Dhanian       | 0.00   | 39   | 0.00    | 39   |
| Indrekuthi                      | 0.00   | 39   | 0.00    | 39   |
| Kharija Ratanpur                | 17.65  | 28   | 18.24   | 24   |
| Chandamari                      | 30.26  | 20   | 30.43   | 17   |
| Kurshamari                      | 41.60  | 16   | 44.44   | 13   |
| Nagar Gopalganj                 | 54.63  | 10   | 53.45   | 10   |
| Patakamari                      | 96.08  | 3    | 97.07   | 1    |
| Fulkadabri Bajejama             | 2.08   | 37   | 1.68    | 36   |
| Bara Nijtaraf                   | 9.26   | 32   | 9.96    | 28   |
| Fulkadabri                      | 0.00   | 39   | 0.00    | 39   |
| Paschim Gopalpur                | 12.65  | 29   | 10.02   | 27   |
| Satgharia                       | 53.95  | 11   | 47.47   | 12   |
| Shatimari                       | 0.00   | 39   | 0.00    | 39   |
| Gangadhar                       | 2.38   | 35   | 1.78    | 34   |
| Fulbari                         | 50.00  | 14   | 6.22    | 30   |
| Chikliguri Dwitia Khanda        | 40.91  | 17   | 42.71   | 15   |
| Velakopa Pratham Khanda         | 18.89  | 27   | 14.77   | 25   |
| Bashraja Dwitia Khanda          | 36.11  | 18   | 39.13   | 16   |
| Chhat Balakuthi                 | 0.00   | 39   | 0.00    | 39   |
| Bakla                           | 75.00  | 7    | 77.67   | 6    |
| Shilghagri                      | 92.86  | 4    | 94.67   | 2    |

Note: 1) VOINDX=unweighted index, WVOINDX=weighted index

2) The villages are ranked in descending order by the respective index.

3) The rank correlation between the two indices is 0.9385 and the correlation between the indices is 0.8924.

Finally, in the following section (section 6) we discuss the issue of social discrimination in education across caste and religious groups. Note that, the results and discussion in this section are based on primary data from an erstwhile large scale village level survey in West Bengal. The results are presented with a view to offer a comparison over time and region and much of the analysis is self-evident from the tables provided.

## **6. Social Discrimination in Education – A Comparative Analysis Across Caste and Religious Groups**

Broadly speaking social exclusion refers to partial or complete leaving out certain groups of the population in the participation of various institutions. This has several economic and social ramifications. In this short study we would like to concentrate on the issue of social exclusion for educational achievement across different caste and religious groups. Educational achievement is important for it determines the level and quality of human capital formation which is very crucial for growth and development. Our purpose is to quantify the extent of exclusion of caste or religious groups in educational achievement at the level of the family. The analysis is based on household data that were collected through sample survey in the rural areas of eighteen districts of West Bengal in 2005-06 by the Centre for Studies in Social Sciences, Calcutta. This was a baseline survey and the focus was the nature and extent of decentralization of the *Gram Panchayats* in West Bengal. However, the survey covered several socio-economic aspects of the rural households that can be used to address many developmental issues.

In this section we focus our attention to six least developed districts, as measured by the HDI of West Bengal, viz. Birbhum, Murshidabad, Malda, Purulia, Uttar Dinajpur and Dakshin Dinajpur. We compare the discrimination across religious groups - non-Muslims versus Muslims, and caste groups - general caste versus lower caste. For the lower caste group we have employed two types of classification – (i) General versus OBC and SC and ST and (ii) General and OBC versus SC and ST. For measuring educational achievement for the family we have defined a variable which we define as household average highest level of years of education. For each family the highest

educational achievement of any of the adult male members and any of the adult female members are added and then divided by two to arrive at the average highest education of the family. Educational achievement is measured by the number of years of education. However, family members who are only literates are excluded from the category of educational achievement for two reasons. First, generally literates are those who can just sign their names and second, it is not possible to convert the literacy into years of education.

The natural strategy is to compare the means of the variable defined above across different social groups. Generally it is argued that the backward caste being socially under privilege has lower educational achievement and similarly the Muslims are also thought to be backward in terms of educational achievement for various historical processes. Thus we test the equality of means of family average highest educational achievement for two groups against the alternative that it is higher for the privilege group, viz. general caste or non-Muslims etc.

Denoting the null hypothesis by  $H_0: \mu_1 = \mu_2$  and the alternative hypothesis by  $H_1: \mu_1 > \mu_2$  our test statistic is a student's t where the socially privileged group is indexed by 1 and the under privileged group by 2. The test results for the general versus backward caste and non-Muslims versus Muslims are provided in Table 6.1 through 6.3. In all these three cases the computed t-statistic implies that the null hypothesis of equality of means of average highest family educational achievement cannot be accepted against the alternative that the mean of the privileged group is greater than the under privileged group.



**Table 6.1: Testing average family education across caste groups  
General vs. Backward castes**

|        | General caste | OBC and SC & ST | t-value (p-value) | Test result  |
|--------|---------------|-----------------|-------------------|--|
| Mean   | 4.848         | 4.474           | 3.783<br>(0.0001) | H <sub>0</sub> cannot be accepted against H <sub>1</sub> at 1% |
| SD     | 4.037         | 3.808           |                   |  |
| # obs. | 5106          | 2309            |                   |  |

**Table 6.2: Testing average family education across caste groups  
General & OBC vs. SC & ST**

|        | General & OBC | SC & ST | t-value (p-value) | Test result  |
|--------|---------------|---------|-------------------|--|
| Mean   | 4.936         | 4.175   | 7.387<br>(0.00)   | H <sub>0</sub> cannot be accepted against H <sub>1</sub> at 1% |
| SD     | 4.054         | 3.678   |                   |  |
| # obs. | 5440          | 2025    |                   |  |

**Table 6.3: Testing average family education across religious groups  
Non-Muslims vs. Muslims**

|        | Non-Muslim | Muslim | t-value (p-value) | Test result  |
|--------|------------|--------|-------------------|--|
| Mean   | 5.084      | 4.011  | 14.527<br>(0.00)  | H <sub>0</sub> cannot be accepted against H <sub>1</sub> at 1% |
| SD     | 4.09       | 3.62   |                   |  |
| # obs. | 6493       | 3426   |                   |  |

Next we perform the same test for different asset holding group in order to separate out the effect of wealth on educational achievement. We do not consider income for several problems of using income generally accepted in the literature. For asset we have used land, for in rural areas it is the most important asset in India and has very high positive correlation with other non-land assets as well as income. The families are

classified into groups - landless and landed. Then we perform the similar test for landless class. The results are reported in Tables 6.4 through 6.6. As is clear from Table 4 the null hypothesis of the same educational achievement for among the landless general caste and backward caste (OBC and SC & ST) cannot be rejected at even 10% level of significance against the alternative that the educational achievement for the general caste is higher than the backward caste. Table 6.5 provides the results of the similar test when general caste also includes OBC. The t-statistic reveals that the hypothesis of same educational achievement cannot be rejected at 1% but cannot be accepted at 5%. So in this case results of the test cannot be claimed to be robust. However, among the landless the test result is robust in favor of the hypothesis that Muslims are at a disadvantage in respect of educational achievement compared to the non-Muslims even among the landless group. So while the possession of no asset can be seen to have similar impact on the educational achievement across general and backward castes when backward caste also includes OBCs and the impact is not unequivocal when OBCs are clubbed with the general category, the Muslims are unequivocally are at a disadvantage among the landless (and possibly low income) group of the population.

**Table 6.4: Testing average family education of landless across caste groups  
General vs. OBC and SC & ST**

|        | General | OBC and<br>SC & ST | t-value<br>(p-value) | Test result  |
|--------|---------|--------------------|----------------------|--|
| Mean   | 3.44    | 3.443              | -0.0236<br>(0.509)   | H <sub>0</sub> cannot be rejected<br>against H <sub>1</sub> at 10% |
| SD     | 3.508   | 3.458              |                      |  |
| # obs. | 2250    | 969                |                      |  |

**Table 6.5: Testing average family education of landless across caste groups  
General & OBC vs. SC & ST**

|        | General &<br>OBC | SC & ST | t-value<br>(p-value) | Test result  |
|--------|------------------|---------|----------------------|--|
| Mean   | 3.515            | 3.232   | 2.0235<br>(0.022)    | H <sub>0</sub> is accepted against H <sub>1</sub> at<br>5%, but not at 1%. |
| SD     | 3.545            | 3.337   |                      |  |
| # obs. | 2371             | 848     |                      |  |

**Table 6.6: Testing average family education of landless across religious groups  
Non-Muslim vs. Muslim**

|       | Non-Muslim | Muslim | t-value<br>(p-value) | Test result   |
|-------|------------|--------|----------------------|---|
| Mean  | 4.076      | 2.828  | 10.336<br>(0.00)     | H <sub>0</sub> cannot be accepted<br>against H <sub>1</sub> at 1% |
| SSD   | 3.873      | 2.952  |                      |   |
| #obs. | 1570       | 1658   |                      |   |

The landed category is not uniform in terms of land holding size with a very skewed distribution as one would expect. To take care of the size effect of land holding we classified the land holding class into four quartiles. In ascending order the quartiles are defined as in below:

Q1: (0 0.165], Q2: (0.165 0.33], Q3: (0.33 0.663], Q4: (0.663 33.33] where the land sizes are measured in acre.<sup>s</sup> Tables 6.7 through 6.9 provide the results of the test of educational achievements. The test results show that our null hypothesis that the socially advantaged group has higher educational achievement against the alternative that the disadvantaged group has lower educational achievement is generally accepted at a very high level of confidence (99%) for all land size classes and independent of the social groups. However, there are some exceptions – (i) for Q2 landholding class when backward group also includes OBC the null hypothesis is accepted at 5% but not at 1%, (ii) for Q1 land holding class there is no significant difference between non-Muslims and Muslims in respect of educational achievement even at 10% level of significance

---

<sup>s</sup> Though the upper bound for Q4 is 33.33 acres, there are very few observations around the upper bound, the appropriate upper bound should have been 6 acres. However, we do not drop those observations as outliers for we think that for educational achievement of the family 6 acres or 33 acres of land holding size hardly matters.

**Table 6.7: Testing for average family education for landed groups across caste – General vs. OBC and SC & ST**

| Quartile group | General |       |      | OBC and SC & ST |       |      | t-value (p-value) | Test result  |
|----------------|---------|-------|------|-----------------|-------|------|-------------------|--|
|                | Mean    | SD    | obs. | Mean            | SD    | obs. |                   |  |
| Q1             | 4.345   | 3.471 | 780  | 3.702           | 3.19  | 341  | 2.921 (0.002)     | H <sub>0</sub> cannot be accepted at 1% against H <sub>1</sub>         |
| Q2             | 5.099   | 3.785 | 729  | 4.633           | 3.612 | 361  | 1.941 (0.026)     | H <sub>0</sub> is accepted at 5% against H <sub>1</sub> but not at 1%. |
| Q3             | 6.311   | 3.783 | 613  | 5.401           | 3.90  | 339  | 3.514 (0.0002)    | H <sub>0</sub> cannot be accepted at 1% against H <sub>1</sub>         |
| Q4             | 8.227   | 4.137 | 734  | 7.027           | 3.98  | 349  | 4.513 (0.00)      | H <sub>0</sub> cannot be accepted at 1% against H <sub>1</sub>         |

**Table 6.8: Testing for average family education for landed groups across caste – General & OBC vs. SC & ST**

| Quartile group | General & OBC |       |      | SC & ST |       |      | t-value (p-value) | Test result  |
|----------------|---------------|-------|------|---------|-------|------|-------------------|--|
|                | Mean          | SD    | obs. | Mean    | SD    | obs. |                   |  |
| Q1             | 4.41          | 3.503 | 814  | 3.459   | 3.003 | 307  | 4.21 (0.00)       | H <sub>0</sub> cannot be accepted at 1% against H <sub>0</sub> |
| Q2             | 5.215         | 3.796 | 780  | 5.112   | 3.758 | 287  | 3.814 (0.0001)    | H <sub>0</sub> cannot be accepted at 1% against H <sub>0</sub> |
| Q3             | 6.365         | 3.826 | 665  | 6.824   | 3.987 | 273  | 4.662 (0.00)      | H <sub>0</sub> cannot be accepted at 1% against H <sub>0</sub> |
| Q4             | 8.183         | 4.116 | 810  | 7.027   | 3.983 | 349  | 4.754 (0.00)      | H <sub>0</sub> cannot be accepted at 1% against H <sub>0</sub> |

**Table 6.9: Testing for average family education for landed groups across religious groups – non-Muslims vs. Muslims**

| Quartile group | Non-Muslims |       |      | Muslims |       |      | t-value (p-value) | Test result   |
|----------------|-------------|-------|------|---------|-------|------|-------------------|---|
|                | Mean        | SD    | obs. | Mean    | SD    | obs. |                   |   |
| Q1             | 4.246       | 3.435 | 556  | 4.065   | 3.372 | 571  | 0.896 (0.185)     | H <sub>0</sub> cannot be rejected at 10% against H <sub>0</sub> |
| Q2             | 5.27        | 3.812 | 602  | 4.552   | 3.589 | 491  | 3.179 (0.001)     | H <sub>0</sub> cannot be accepted at 1% against H <sub>0</sub>  |
| Q3             | 6.308       | 3.913 | 608  | 5.429   | 3.684 | 350  | 3.42 (0.0003)     | H <sub>0</sub> cannot be accepted at 1% against H <sub>0</sub>  |
| Q4             | 8.108       | 4.128 | 725  | 7.30    | 4.08  | 356  | 3.032 (0.0012)    | H <sub>0</sub> cannot be accepted at 1% against H <sub>0</sub>  |

In order to get an idea of the asset effect of land holding on the family educational achievement we calculated the correlation co-efficient between size of per capita land holding per household with our educational achievement variable for different social groups and reported in Table 10. It may be noted that the correlation is higher for general caste and Muslims compared to backward castes including OBCs. Interestingly for the non-Muslims as a whole asset has lower impact on educational achievement. The correlations for the occupation groups, viz. for farmers and agricultural labourers, are close to the general castes and Muslims. We tested for the significance of the correlation co-efficient ( $r$ ) where our null hypothesis is  $H_0: r = 0$  against the alternative  $H_1: r \neq 0$ . In all the cases the null hypothesis is rejected at 1% level of significance.

**Table 6.10: Correlation - Education & Asset**

| Population Group       | Correlation |
|------------------------|-------------|
| General caste          | 0.37        |
| OBC and SC & ST        | 0.18        |
| Non-Muslim             | 0.22        |
| Muslim                 | 0.35        |
| Farmers                | 0.33        |
| Agricultural labourers | 0.37        |
| All groups             | 0.26        |

It may be noted that we treated the category of literates as zero years of education for it is not possible to convert the educational achievement of literates into years of education and also by and large literacy translates into merely capability to sign one's name and hence practically no educational achievement. However, to fill the lacunae we employed another test which investigates the issue in hand from the opposite angle, viz. social exclusion of population groups in education in terms of illiteracy. For this we compare the proportion of families for which all the adult members of the family across gender is illiterates. In order to carry out the test we employed the test of proportions. The null hypothesis is  $H_0: P_1 = P_2$  against the alternative  $H_1: P_1 < P_2$  where  $P_1$  and  $P_2$  are proportions of the illiterates for the privileged group and  $P_2$  for the underprivileged group respectively.<sup>#</sup> The test statistic follows a standard normal distribution. Tables 6.11 through 6.13 provide the results of the test.

---

<sup>#</sup>The sampling distribution of proportions follow a normal distribution with mean  $P_i$  and variance  $P_i (1-P_i)$ .

**Table 6.11: Testing for proportion of illiterates across caste groups  
General vs. OBC and SC & ST**

|                     | General       | OBC and SC & ST | z-value (p-value) | Test result   |
|---------------------|---------------|-----------------|-------------------|---|
| Proportion (p)      | 0.154         | 0.161           | -0.7372<br>(0.23) | H <sub>0</sub> cannot be rejected against H <sub>1</sub> at even at 10% |
| # obs. (Total obs.) | 794<br>(5154) | 378<br>(2352)   |                   |   |

**Table 6.12: Testing for proportion of illiterates across caste groups  
General & OBC vs. SC & ST**

|                     | General       | OBC and SC & ST | z-value (p-value) | Test result  |
|---------------------|---------------|-----------------|-------------------|--|
| Proportion (p)      | 0.1499        | 0.173           | -2.467<br>(0.007) | H <sub>0</sub> cannot be accepted against H <sub>1</sub> at 1% |
| # obs. (Total obs.) | 823<br>(5491) | 349<br>(2015)   |                   |  |

**Table 6.13: Testing for proportion of illiterates across religious groups  
Non-Muslims vs. Muslims**

|                     | Non-Muslims   | Muslims       | z-value (p-value) | Test result  |
|---------------------|---------------|---------------|-------------------|--|
| Proportion (p)      | 0.131         | 0.186         | -6.51<br>(0.00)   | H <sub>0</sub> cannot be accepted against H <sub>1</sub> at 1% |
| # obs. (Total obs.) | 532<br>(4064) | 643<br>(3465) |                   |  |

Table 6.11 reveals that the null hypothesis that proportion of highest educational achievement of families for the privileged group being illiterate is same as that for the backward group (when OBC is included in the backward group) cannot be rejected against the alternative that the former is less than the latter. To put it the other way round there is no significant difference across general and backward caste groups when highest educational achievement of families is illiteracy. But Tables 6.12 shows that this result is reversed at a very high level of confidence (99%) when OBCs are included with the



general category. This is an indirect evidence of the fact that the OBCs are relatively better off in terms of educational achievement and close to the high caste population. Coming to the comparison across religious groups, viz. non-Muslims and Muslims test result shows lower proportion of families with highest education achievement being illiteracy is higher among Muslims than among non-Muslims.

## **7. Concluding Remarks**

The report is based on a primary survey of 50 villages in the district of Cooch Behar, one of the six districts that this project intends to cover over the coming years. Social Exclusion implies that despite apparent availability of several goods and services, certain sections of the population remain outside its coverage for many reasons. The caste and religious divides in a country like India is well known and many of the gaps in intra-community access to services owe their roots to such historical categorizations. Apart from that lack of geographic contiguity/proximity could also be a significant factor that affects access to many public services and facilities. Thus, it is possible that communities that are either distant geographically or according to social classifications may be excluded from the process of development even at a time when the effects of growth are touching the livelihoods of a large number of people in the country. We identify a large number of factors that are potential candidates for explaining the degree of social exclusion facing communities. These include, access to basic amenities such as housing, drinking water, sanitation, health, infrastructure, education on the one hand, and public distribution of food grains, development schemes, credit facilities etc. on the other.

A large number of tables are presented in the main text of this report that display

the level and extent of social exclusion facing the SC/STs and the general caste communities in the district. All of these tables offer two subsequent ranking of the villages that are excluded over a continuum of 50 villages. Depending upon the type of issue under consideration in each table, the villages are either most excluded or least excluded at both ends of the distribution. For example, if the residents of a village face little or no access to health facilities/infrastructure/schooling, according to unweighted ranking the village is deemed as most excluded. However, one must notice that several sub-components constitute the main issue and we use the well-known Principal Component Analysis to assign appropriate weights to each of these components. The weighted ranks may or may not be same as that observed under unweighted ranking. In general we observe quite similar trends in both – the village residents who are most excluded according to the unweighted index also rank among the worst performers (or sufferers) in terms of the weighted index. There are many other categories that to some extent depend on the cultural or religious distribution in respective villages. It ranges from institutional deliveries to use of in-house bathrooms.

The social exclusion index for every single component should provide a large number of cases where focused and directed interventionist policies may be adopted relatively easily. The index, as we emphasize are glaring examples of development deficits in these villages. The large number of governmental schemes that have been implemented in the country thus far and continue to draw attention from the general population and the policymakers alike seems to have failed to deliver the desired outcomes in most cases. It is possible that the problems are specific to districts or even a particular state in the country. The proposed survey design shall help to accommodate

both cross-sectional and dynamic aspects of the extent of exclusion as we define and hypothesize in this report.

Finally, the project offers a huge emphasis on the condition of children. To this extent, we borrowed questions from the NFHS survey components. The direct and indirect questions affecting the well being of children in all villages have received due coverage in our report. We identified places where institutional delivery, vaccination, administering of vitamin doses, schooling, parental occupations, household income levels etc. are reportedly below the average and might be critical factors behind social exclusion. Once again, directed policy interventions should pay more attention to issues like widespread coverage of vaccination, sensitization of breast milk practices just after birth, exclusive breast milk practices for infants, provision of better institutional delivery for mothers, better pre-natal and ante-natal care etc. Moreover, regular, and hygienic mid-day meals, school supplies including books, school uniforms and maybe additional household level support to retain potential drop-outs in school are critical issues in need of directed interventions.