

**A STUDY ON
OUT OF POCKET EXPENDITURE
IN
DHALAI DISTRICT, TRIPURA
2014-15**



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Acknowledgement

At the outset, I would like to express my gratitude to the Secretary (H&FW) Mr. M. Nagaraju, IAS, Govt. of Tripura and Mission Director DR. Sandeep Namdeo Mahatme, National Health Mission (NHM), Tripura for entrusting the responsibility of undertaking the '**Out of Pocket Expenditure study in Dhalai District of Tripura 2014-15**' to RRC-NES.

I would like to thank Dr. T. Sundararaman former ED NHSRC and Health Care Financing Division for support to conduct the study in Dhalai district of Tripura.

I would also like to thank the all Programme Officer, NHM Tripura and CMO Dhalai District for the co-operation provided during the entire course of the evaluation process starting right from the recruitment of the Field Supervisors and Field Investigators.

I appreciate all the assistance provided by the four other staffs of the CMO office involved in the study at each level of the evaluation - at the SDHS, PHCs, PHSCs and villages in all over the district during the visit of the team.

The sincere efforts put in by the team of Supervisors and Investigators in the difficult and unyielding terrains of the district is commendable. The data collected by them from the communities is the backbone of this study.

I am highly indebted to the hundreds of faceless respondents in the remotest parts of Dhalai district who gave a patient hearing to the long questionnaires and replied appropriately.

And of course, all the staff at RRC-NE, who have been associated in some way or the other with the study. My sincere thanks goes to them for all the hard work each one has put in, starting right from the training of the field workers to the compilation of data, their interpretation and writing the report.

Out of Pocket Expenditure study is valuable evidence for the planning process of Universal Health Coverage. UHC is a new concept with little precedence to cite, this evaluation process has been a learning process for all of us.

Dr A.C. Baishya
Director, RRC-NE

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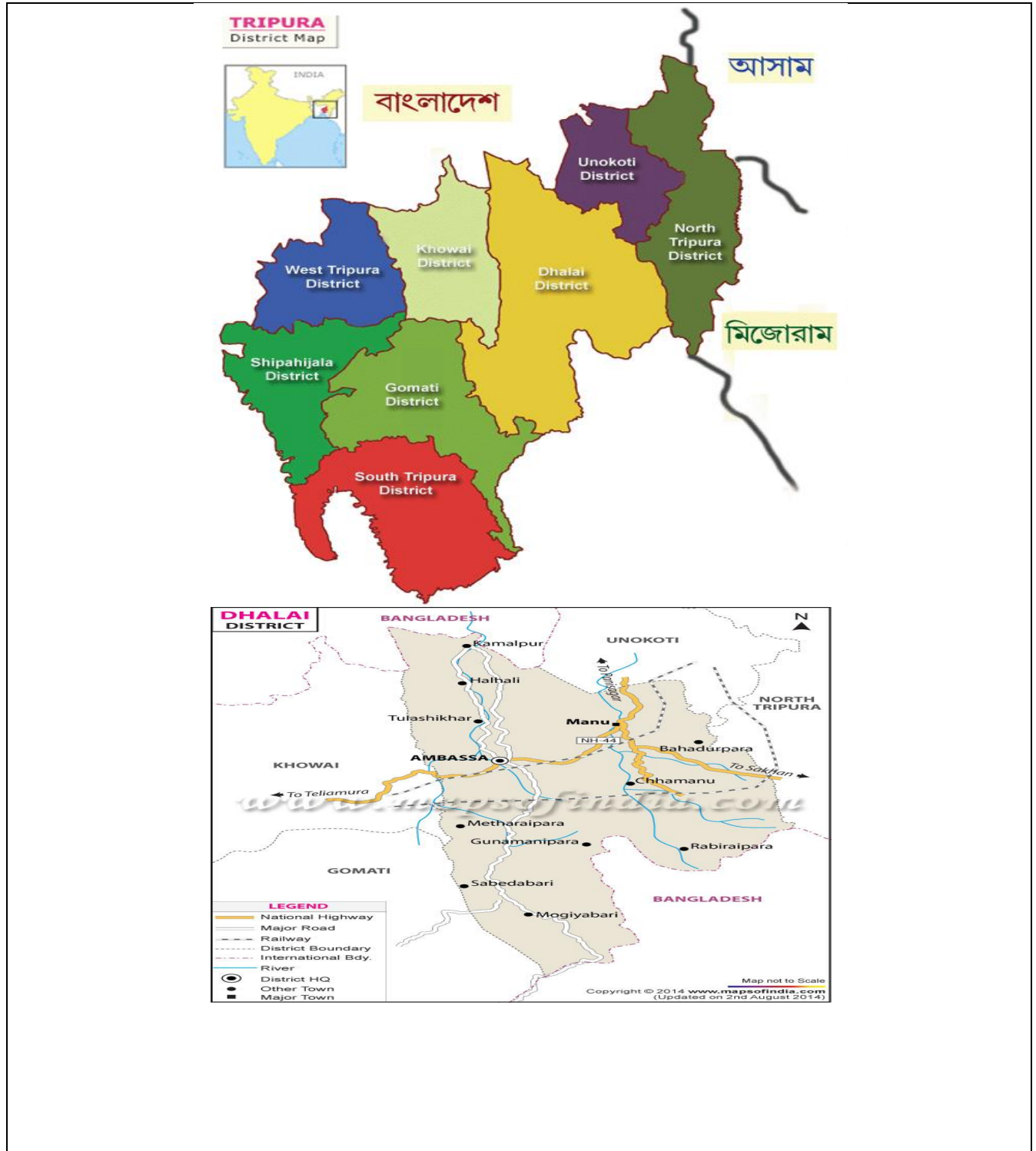
ANNEXURE 1 : Sample village list of Dhalai District

ABBREVIATION

| | |
|----------|-----------------------------------|
| A | |
| ANC | Ante Natal Care |
| ANM | Auxiliary Nurse Midwife |
| ASHA | Accredited Social Health Activist |
| AWC | Anganwadi Centre |
| AWW | Anganwadi Worker |
| B | |
| BCC | Behaviour Change Communication |
| BPL | Below Poverty Line |
| BCG | Bacillus of Calmette and Guerin |
| C | |
| CHC | Community Health centre |
| CGHS | Central Government Health Scheme |
| D | |
| DH | District Hospital |
| E | |
| ESI | Employees State Insurance |
| F | |
| FRU | First Referral Unit |
| FSU | First Stage Stratum |
| FW | Family Welfare |
| G | |
| GNM | General Nurse Midwife |
| Gol | Government of India |
| H | |
| H&FW | Health and Family Welfare |
| HD | Home Delivery |
| HH | Household |
| HW | Health Worker |
| I | |
| ID | Institutional Delivery |
| IMR | Infant Mortality Rate |
| J | |
| K | |
| L | |
| LHV | Lady Health Visitor |
| M | |
| MO | Medical Officer |

| | |
|------------|--------------------------------|
| N | |
| No. | Number |
| NPP | National Population Policy |
| NHM | National Health Mission |
| O | |
| OBC | Other Backward Class |
| OOP | Out of Pocket Expenditure |
| OPD | Out Patient Department |
| P | |
| PC | Percentage |
| PH | Public Health |
| PHC | Primary Health Centre |
| PNC | Post Natal Check-up |
| Q | |
| R | |
| RSBY | Rashtriya Swasthya Bima Yojana |
| S | |
| SC | Sub Centre |
| SC | Scheduled Caste |
| SHG | Self Help Groups |
| SSS | Second Stage Stratification |
| ST | Scheduled Tribe |
| U | |
| UFS | Urban Frame Sample |
| W | |
| WHO | World Health Organization |

State Profile of Tripura



Tripura is a state in North-East India which borders Bangladesh, Mizoram and Assam. It is surrounded by Bangladesh on its north, south and west: the length of its international border is 856 km (84 per cent of its total border). It shares a 53 km long border with Assam and a 109 km long border with Mizoram. The state is connected with the rest of India by only one road (NH-44) that runs through the hills to the border of Karimganj District in Assam and then winds through the states of Meghalaya, Assam and North Bengal to Calcutta.

For administrative convenience and decentralization of power Tripura which had once been a single district only is now divided into altogether eight districts, twenty three subdivisions and fifty eight rural development blocks. Besides, a special feature of the state is the vibrant existence of an Autonomous District Council (ADC) for tribal's based on 6th schedule of the Indian constitution. The ADC in Tripura encompasses 68.10% of the state's total geographical territory and is home to roughly one third of the state's population.

State Health indicators:

| INDICATORS | SRS BULLETIN | | | | | | | |
|--------------------------|----------------------|------------|---------|---------|---------|---------|---------|--------------|
| | Sep, 14 | Sep, 13 | Jan, 11 | Oct, 09 | Oct, 08 | Oct, 07 | Oct, 06 | April' 06 |
| Birth rate | 13.7 | 13.9 | 14.8 | 15.4 | 17.1 | 16.6 | 16 | 15 |
| Death rate | 4.7 | 4.8 | 5.1 | 5.9 | 6.5 | 6.3 | 5.7 | 5.5 |
| Infant Mortality Rate | 26 | 28 | 31 | 34 | 39 | 36 | 31 | 32 |
| TFR | 2.22 (as per NFHS-3) | | | | | | | |

State Demographic profile:

| Name | | TRIPURA | DHALAI |
|--------------------------------|---------|---------|--------|
| Population | | 3671032 | 377988 |
| ST Population | | 1166813 | 210608 |
| in % | | 31.8 | 55.7 |
| SC Population | | 654918 | 61688 |
| in % | | 17.8 | 16.3 |
| Percentage Decadal Growth Rate | 1991-01 | 16.03 | 18.48 |
| | 2001-11 | 14.75 | 12.5 |
| Sex Ratio | 2001 | 948 | 951 |
| | 2011 | 961 | 964 |
| Sex Ratio in the age 0-6 | 2011 | 953 | 942 |
| Population Density per Sq. Km | 2001 | 305 | 512 |
| | 2011 | 350 | 576 |
| Literacy Rate 2011 | Person | 88 | 89 |
| | Male | 92 | 93 |
| | Female | 83 | 85 |

State Economic indicators:

Expenditure on Medical and Public Health and Family Welfare* – As Ratio to Aggregate Expenditure

(STATE FINANCES A STUDY OF BUDGETS OF 2012-13, RBI January 2013)

| | | | | | | | | | | | | | (Per cent) | |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|--------------|--------------|--|
| State | 2000-01 | 2001-02 | 2002-03 | 2003-04 | 2004-05 | 2005-06 | 2006-07 | 2007-08 | 2008-09 | 2009-10 | 2010-11 | 2011-12 (RE) | 2012-13 (BE) | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | |
| 10. Tripura | 4.0 | 3.7 | 3.8 | 3.4 | 3.5 | 4.7 | 5.1 | 5.0 | 4.8 | 4.8 | 4.4 | 5.8 | 3.9 | |
| All States (India) | 4.6 | 4.4 | 4.0 | 3.4 | 3.4 | 3.9 | 3.9 | 3.8 | 3.9 | 4.2 | 4.2 | 4.3 | 4.4 | |
| RE: Revised Estimates. BE: Budget Estimates. | | | | | | | | | | | | | | |
| '-': Not applicable/Not available. | | | | | | | | | | | | | | |
| *: Revenue Expenditure and Capital Outlay. | | | | | | | | | | | | | | |
| Source: Budget Documents of the State Governments, State Finance Accounts, CAG for 2010-11 in respect of Jammu and Kashmir. | | | | | | | | | | | | | | |

Household access to safe drinking water, North Eastern State (Source : Economic Survey 2012-13)

| State | 2011 | | |
|---------|-------|-------|-------|
| | Total | Rural | Urban |
| Tripura | 67.5 | 58.1 | 91.9 |
| India | 85.5 | 82.7 | 91.4 |

State wise: Population, GSDP, Per capita Income and Growth Rate, 2011-12

| State wise: Population, GSDP, Per capita Income and Growth Rate, 2011-12 | | | | | | |
|--|------------|----------------------|--------------------|-------------------------|--------------------|---|
| State | Population | GSDP (Rs. In crores) | | Per Capita Income (Rs.) | | Growth Rate of GSDP at (2004-05) prices (%) |
| | | At current Prices | At constant Prices | At current Prices | At constant Prices | |
| Tripura | 3671032 | 19731 | 15463 | 50750 | 40411 | 8.87 |
| India | 1210193422 | 8279976 | 5222027 | 60972 | 38005 | 6.88 |

Number and Percentage of below Poverty lines by States- 2011-12 (Tendulkar methodology)

| Number and Percentage of below Poverty lines by States- 2011-12 (Tendulkar Methodology) | | | | | | | | | HDI* 2006 |
|--|--|-------|-----------------|------------------------|-----------------|------------------------|-----------------|------------------------|------------------|
| Name Of State | State Specific Poverty Lines for 2011-12- Monthly per Capita (Rs.) | | Rural | | Urban | | Total | | |
| | Rural | Urban | %age of Persons | No. of Persons (lakhs) | %age of Persons | No. of Persons (lakhs) | %age of Persons | No. of Persons (lakhs) | |
| | | | | | | | | | |
| Tripura | 798 | 920 | 16.53 | 4.49 | 7.42 | 0.75 | 14.05 | 5.24 | 0.663 |
| India | 816 | 1000 | 25.7 | 2166.58 | 13.7 | 531.25 | 21.92 | 2697.83 | 0.605 |

*Human Development index in North Eastern State 2006 ((Source : Ministry of Woman and Child Development))

Infrastructure Details (RHS2014)

| State | SC | PHC | CHC | SDH | DH |
|---------|-----|-----|-----|-----|----|
| Tripura | 972 | 84 | 18 | 13 | 3 |

CHAPTER I

INTRODUCTION

Universal health coverage can be defined as providing financial protection from the costs of using health services for all people of a country as well as enabling them to obtain the health services that they need (of sufficient quality to be effective) (3). This definition embodies three specific policy goals

- Equity in the use of health services;
- Quality of care; and
- Financial protection.

Translating the broad concept of universal coverage into these specific goals is an important step in defining a health financing (and indeed, a wider health system) reform strategy. While no country in the world can fully achieve the three “UHC goals”, all countries seek to make progress on them; hence, “moving towards UHC” is relevant to all and can be used to orient the direction in which reforms are intended to move the system. Further steps are needed to tailor these three (still broad) goals to country specificities. Supporting this tailoring process is one of the purposes of this guide. **(Guidance on conducting a situation analysis of health financing for universal health coverage, WHO)**

Because progress towards Universal Health Coverage (UHC) involves a range of complex technical challenges, it is easy to lose sight of the fact that moving toward UHC is a **political process** that involves negotiation between different interest groups in society over the allocation of health benefits and who should pay for these benefits. Over recent decades, civil society organizations (CSOs) have frequently played a crucial role in representing the views of the poor and the vulnerable in these negotiations, pushing for a more equitable distribution of both the responsibility for funding the system and the benefits received. CSOs have also played an important part in shaping health systems at the national level, increasing communities’ involvement in the decision making process, and in creating accountability mechanisms.

CSOs have achieved most when they have been able to develop robust positions based on solid arguments and compelling examples. It is to support CSOs in their efforts to develop such positions that this document was written. Intended for those organizations involved in health financing policy debates, this tool articulates the pro-UHC arguments, and presents relevant evidence and examples. It is designed to support policies that promote equity, efficiency and effectiveness, and ensure that the rights of the most vulnerable are not forgotten. **(Arguing for Universal Health Coverage, WHO)**

Universal Health Coverage (UHC) is based on the World Health Organization constitution of 1948 that declared health as a fundamental right. The Health for All agenda set by the Alma-Ata declaration in 1978 further reinforced the emphasis on Universal Health Coverage. The UHC is a priority focus in global and national agendas of many countries. The Director-General of the World Health Organization, Margaret Chan stated in 2012 that Universal Health Coverage is “the single most powerful concept that public health has to offer”. The Constitution of India also has provisions regarding the right to health. These are outlined in the Directive Principles of State Policy (Articles 42 and 47 in Chapter IV)¹, and are therefore non-justiciable.

India is the second largest populous country and tenth largest economy in the world. The country also accounts for 21 percent of the world’s global burden of diseases and is losing more than six percent of its GDP annually due to premature deaths and preventable illnesses.² It has the highest burden of maternal and child mortality among the BRICS (Brazil, India, Russia, China and South Africa) countries. Although the country has made impressive progress in eradication of communicable diseases like polio, the rise in non-communicable diseases has been found to be responsible for 53 percent of total deaths (an increase from 40.4 percent in 1990 and expected to increase to 59 percent by 2015)³. However India has also made appreciable efforts to improve the delivery of health care services across the country. A number of initiatives had been taken by the Government of India which include adoption of a National Health Policy (1983); the 73rd and 74th Constitutional Amendments and devolution of power to PRIs (1992), the National Nutrition Policy (1993); the National Health Policy (2002), the National Policy on Indian System of Medicine and Homeopathy (2002) and Drug Policy (2002); the Universal Health Insurance Scheme (2003), the mission based intervention in rural health viz. National Rural Health Mission (2005) and subsequent National health Mission have tried to bring about a change in the health care delivery services to the people at large. The expenditure on health as percentage of GDP in India is just four percent. Of the total expenditure 33 percent is met from public services while the out of pocket expenditure remains fairly high with a share of 57.6 percent in the country. Hospitalization or treatment for major sickness has continued to be the single most important factor responsible for impoverishment and indebtedness of many Households in the country. Despite the large scale intervention from NRHM, the country continues to grapple with the problem of high MMR and IMR. One of the reasons for the wide

¹ **Article 42 states:** “Provision for just and humane conditions of work and maternity relief- The State shall make provision for securing just and humane conditions of work and for maternity relief” and **Article 47 states:** “Duty of the State to raise the level of nutrition and the standard of living and to improve public health- The State shall regard the raising of the level of nutrition and the standard of living of its people and the improvement of public health as among its primary duties and, in particular, the State shall endeavour to bring about prohibition of the consumption, except for medicinal purposes, of intoxicating drinks and of drugs which are injurious to health”

² World Health Organization, Country Cooperation Strategy, (CCS) India, 2012-2017

³ *Ibid.*

variations in health outcomes across the country is because health is a state subject in India and therefore health expenditures have wide variations across the states. In general, the variation in per capita expenditure across states has increased over the years and expenditure on health is positively correlated with income levels of the states. The states with low expenditures on health also have low per capita GSDP and some of the poorest health indicators and infrastructure in the country⁴.

It is against this backdrop that a High Level Expert Group on Universal Health Coverage (UHC) was constituted by the Planning Commission of India in 2010 to develop a framework for UHC for the Twelfth Five Year Plan. The Committee submitted a detailed report in 2011 which *inter-alia* called for incorporation of the different dimensions of universal health assurance, i.e. health care which includes ensuring access to various preventive, curative and rehabilitative health services at different levels of care, coverage that is inclusive of all sections of the society without any discrimination and prejudice or biases. It also called for promotion of health care services through its social determinants and these services should be delivered at an affordable cost such that people are relieved from financial hardships in the pursuit of seeking health care services. It is a universal entitlement to comprehensive health security and an obligation on the part of the State to provide adequate food and nutrition, appropriate medical care, access to safe drinking water, proper sanitation, education, health-related information, and other contributors to good health. The creation of a robust and sustainable system of UHC is therefore necessary for ensuring overall well being and human development (**OOP Assam study by OKDISD**).

The present study on Out-of-pocket expenditure on health (OOPEH) is designed by the National Health System Resource Centre to estimate the household healthcare utilization and healthcare expenditures in a district to generate evidence on current breadth (population covered), depth (healthcare services covered) and height (financial protection) of healthcare coverage. The study was conducted in Dhalai district of Tripura. The selection of the district for UHC was done by the State Government.

1.1. Objective:

The basic objectives of the survey are:

1. To understand the household health status/episode of sickness or illness
2. To understand the healthcare utilization pattern among the sick.

⁴ M. Govinda Rao and Mita Choudhury, Health Care Financing Reforms in India, Working Paper No: 2012-100 March- 2012, National Institute of Public Finance and Policy

3. To understand the healthcare expenditure towards health insurance, payments related to health status/episode of sickness or illness as stated in objective 1
4. To analyze the healthcare related expenditures
5. To estimate the average medical and non-medical healthcare related expenditures, households facing catastrophic health expenditures and impoverishment.

1.2 Methodology:

The survey was planned as a district survey and household was the primary unit of data collection. The sample size for the survey was 1027 households across the selected district. Distribution of sample across the district was done by multi-stratified random sampling.

Step I. The sample frame of First Sample Units (FSUs) i.e. villages in rural areas and wards in urban areas were determined based on Primary Census Abstract (PCA) of Dhalai district, Census 2011.

Step II. Total number of FSUs to be selected was taken as 25 including rural and urban out of which no. of rural and urban FSUs was determined as per proportion to rural and urban population given by Census 2011 as given under.

Dhalai District

| FSUs | Total Population, Census 2011 | Percentage of Population | Sample FSUs |
|-------------|--------------------------------------|---------------------------------|--------------------|
| Rural | 337731 | 89.29 | 23 |
| Urban | 40499 | 10.71 | 2 |

The four Second Stage Stratification (SSS) were made for the district as shown below:

| SSS | Population Size |
|------------|------------------------|
| 1 | 201 – 999 |
| 2 | 1000 – 1999 |
| 3 | 2000 – 4999 |
| 4 | Above 5000 |

Accordingly, following strata were formed with the FSUs for:

| SSS | No. of Sample Villages | No. of Sample Urban FSUs |
|-------|------------------------|--------------------------|
| 1 | 1 | -- |
| 2 | 4 | -- |
| 3 | 15 | -- |
| 4 | 3 | 2 |
| Total | 23 | 2 |

Step IV. In the selected FSU, every household was listed. A house listing schedule was prepared using the following indicative categories of

1. Whether any hospitalization recorded in the household in last 365 days
2. Whether any chronic illness recorded in the household in last 30 days
3. Whether any illness recorded in the household in last 30 days
4. Number of children between 0-24 months in the household
5. None of the above categories

In large FSUs with a population more than 1200, clusters of approximately 300 households were created within such FSUs and listing was done within the clusters only. The total number of households listed from all the sub-sampling units in an FSU was not more than 300.

Step V. In each of the FSU the number of households to be surveyed was fixed within the range of 40 to 48 depending on population size of villages/ wards. If the probability of reported hospitalization in any of the sub sampling unit was below 10 per 1000, the lower range of 40 households per FSU was used. In cases where the households as per the criterion could not be found the number of sampled households was less.

Step VI. After allocating the Sample Units stratum wise, the sample households were selected from each of the four stratum (the indicative categories) mentioned above with the expected proportion of households for every 12 households to be surveyed in a village/ ward selected as follows:

- 1) Hospitalization in last 365 days: 0.4
- 2) chronic illness: 0.2

- 3) Illness in last 30 days: 0.2
- 4) Household with children (0-24) months: 0.2
- 5) None of the above categories: 0.2

The selection was done by simple random sampling based on 5-digit fixed random number table.

Step VII. The estimates for every indicator for district level was calculated using weights as per the number of households in each of the stratum in proportion to all the households listed and the actual population of the district.

CHAPTER II

Key observations

The study design does not permit to reveal the percentage of people suffered from chronic ailment, OPD cases or persons hospitalized to the total population. The analysis is based on randomly selected samples of these groups from the universe by using ratio method of the different categories. Total number of randomly selected persons suffering from chronic ailments is 349, suffering from an ailment in last 30 days is 567, hospitalized during last 365 days is 521 and those mothers who delivered a baby in last two years is 202.

2.1 Chronic ailments:

From the present study it is seen that 19 pc persons suffered from Bone/ Joint Pain followed by Blood pressure (mostly Hypertension) 18.3 pc, then Gastritis (15.5 pc) and 8 pc were diabetic patients. It is also interesting to see that male patients suffering from chronic ailments were nearly 70 pc.

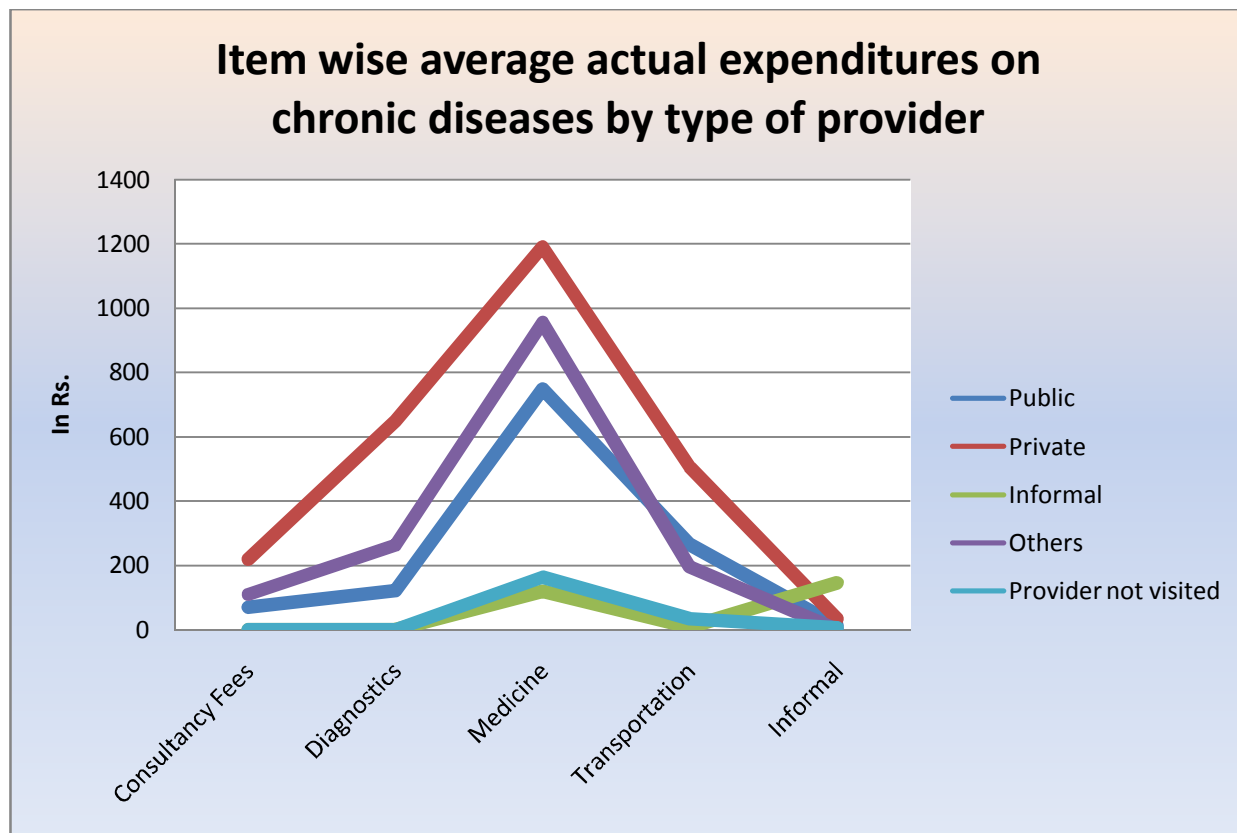
Age wise distribution of the chronic ailments shows that age group in the range of 30 to 50 years contributed the highest (40 pc) for chronic illness, followed by age group in the range of 50 to 65 years of age (32.4 pc).

The leading findings of the patients suffering from chronic ailments is that, only nearly 50 pc of the patients are taking daily medicines for their ailments.

The study also reveals that 40 pc of the people suffering with chronic ailments preferably visited the private doctors / clinic followed by Sub - district hospital (14 pc) and PHC (11.5 pc). In a nutshell majority of them (45 pc) went to the private sector, only 37.5 pc made visit to public sector and 8.3 pc of the patients did not visit to any of the provider in the last 30 days.

The study also shows that there is a huge amount of out of expenditure incurred by the patient. It is seen that on an average the expenditures incurred on medicine is nearly Rs. 900/-, which is the highest, followed by expenditure on diagnostic cost (Rs. 360/-), transportation cost of Rs. 341/- and lowest expenditure was on consultancy fess (Rs. 130/-) in last 30 days (Table 7). Further detail analysis on expenditures in medicines shows that out of 349 patients 21 pc of the

patients spent more than Rs. 1000/- in the last 30 days whereas 20 pc of them did not spent any money. (Table 6.c)



From the study, it is evident that the chronic ailments are mostly in the age group of above 30 years and children/ adolescent below 18 years of age are almost free from chronic ailments except skin diseases.

Average expenditure incurred on different chronic diseases shows that the highest expenditure on treatment of Liver diseases (Rs.8642/-) followed by Cancer & Tumor (Rs.4915/-). There were two patients on HIV AIDs and they were got free treatment. Less expenditure was observed on treatment of mental illness and hypertension were Rs. 425/- and Rs. 596/- respectively.

The study also analyzed the correlation between expenditures on different item with respect to provider and availability of insurance coverage (Table 7.c). Out of 349 patients suffering from chronic ailment, 114 had RSBY insurance, 24 had other insurance or reimbursement mechanism and 211 were without any insurance coverage. It is observed that regarding service fee Rs. 52/- was spent by RSBY holder whereas Rs. 172/- was spent by those without insurance. Similarly, expenditure on diagnostics were Rs. 211/- and Rs. 403/- against RSBY card holder and without insurance coverage respectively. Same pattern of high expenditure was noted on medicine for

patient without insurance coverage; Rs. 625/- and Rs 1081/- for RSBY card holders and without insurance coverage respectively.

2.2 OPD Patients:

The study also studied about the ailments suffered by the population of Dhalai district of Tripura prior to 30 days at the time of field level data collection. It was found that majority of them, nearly 70 pc of the episode suffered from fever (including cold and cough). During the field level data collection it was also known that the malaria outbreak had happened during the summer season in 2014.

Like chronic ailments, here also majority of the patients (44 pc) were in the age group of 30 to 50 years. Children below 10 years were almost free from the diseases prior to 30 days of the data collection. While analyzing the health seeking behavior of the patients, it was seen that majority of them (47 pc) visited the public facilities for treatment and 31 pc did visit to private doctors / clinic etc. It was concerning to note that 12.3 pc of the patients did not visit to any of the provider during their illness. On the other hand, it was encouraging to find that for the OPD services 8 pc of the patients visited to the Sub Centres and 1.4 pc took help of ASHA from their respective villages.

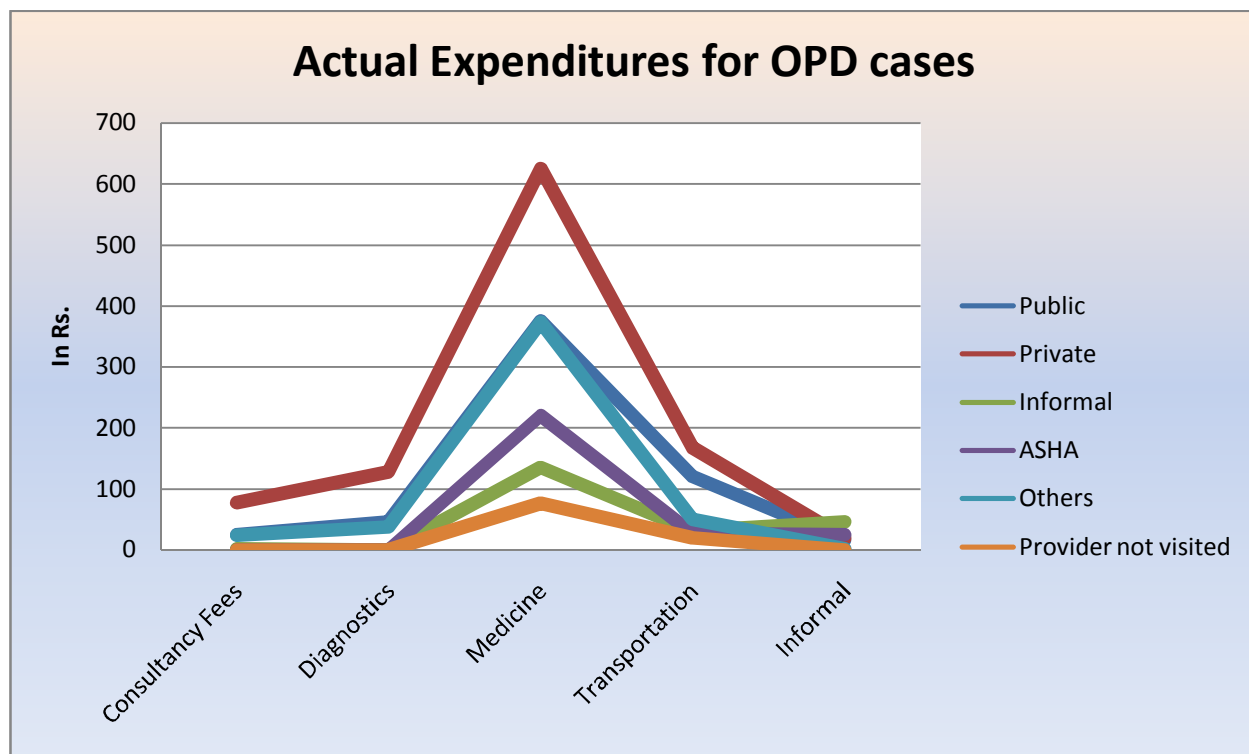
From the data it also learnt that ASHA of the Laban Chara village (the nearest health facility, which is located 16 K.M away from the village) gave the OPD services to the patients suffering from fever.

Similar to chronic ailments, Table 12 shows that, there was out of pocket expenditure incurred by patients even while availing OPD services. The total average expenditures incurred to avail OPD services is Rs. 634/- per patient, where highest expenditures was on medicine Rs. 404/-, transportation took nearly Rs. 110/- per patient and expenditure incurred on consultancy fees and diagnostic charges were Rs. 37/- and Rs. 62/- respectively. However, further analysis shows that nearly 70 pc patients did not spend any money on consultancy fee and 18 pc spent less than Rs 100/-.

Regarding expenditures on medicine, 28.7 pc patients who availed OPD services at public facilities did not spend any money and only 52 pc of the patients spent up to Rs 500/-. It is also noticed that 53 pc patients spent up to Rs 500/- on medicine who did not visit any provider (Table 11c).

The households revealed that non availability of medicines with the SC and PHC often compelled the patients to travel long distances to procure the prescribed medicines. Therefore, out of the total expenditure incurred, the expenditure on medicine has higher proportionate share.

The table 12.b shows that average expenditures on service fee, diagnostic and medicine cost on treatment cancer, Stomach problem and joint pain were above Rs. 1000/-. It is also observed that out of 567 patients 366 were suffered from fever and average expenditure was Rs. 367/- per patients. Other common disease was gastric problem where average expenditures was Rs. 317/- per patient.



The study also tried to analyze the relation between expenditures on OPD services on different items with respect to the providers and availability of insurance coverage (Table 12.c). Out of 567 patients suffering from any ailment, 320 had RSBY insurance, 30 had other insurance or reimbursement mechanism and 217 were without any insurance coverage. The table 12.b shows that regarding service fee Rs. 33/- was spent by RSBY holder whereas Rs. 37/- was spent by those who did not have insurance. Similarly, expenditure on diagnostics were Rs. 48/- and Rs. 62/- against patients having RSBY card and without insurance coverage respectively. The expenditure pattern in terms of medicine was also high for those without insurance coverage. It was Rs. 341/- and Rs 427/ for patient with RSBY card holder and without insurance coverage respectively. However, it was inferred that patients who were covered under other insurance or reimbursement mechanism spent higher amount on service fee, diagnostic and medicine cost compare to patients with RSBY card or without any insurance.

IPD Patients:

The survey also studied about the disease pattern and health care expenditure on hospitalized patients in last 365 days. Out of 521 inpatients, 22 pc suffered from common fever and 30pc from malaria, whereas all other causes were less than 10 pc of the total inpatients. Patients with stomach problem were 7.3 pc followed by Gastritis 4.8 pc and Hypertension 3.8 pc; other causes were 5.8 pc. Age wise distribution of the hospitalized patients also shows the same trend with patients suffering from chronic ailments and as OPD patients as 44 pc inpatients were in the age group 30 to 50 years. About the service taken by the inpatients, 94 pc availed the services in public facilities of which 37.4 pc was in Sub District Hospital and 23 pc was in Primary Health Centres.

Table 16b shows that 54 pc inpatients stayed in the hospital for 3 to 6 days duration, 22.5 pc stayed up to 2 days and 15.5 pc stayed for 7 to 10 days in the hospital.

The study also reveals that the average total expenditures per patients during hospitalization irrespective of the duration of stay was Rs. 3136/-. The total expenditures incurred by the patients by the type of place where the services were taken were Rs. 2128/- (94% patients), Rs. 20119/- (5.6% patients) and Rs. 3750/-(0.4% patients) per patients in Public facilities, Private facilities and informal service providers respectively.

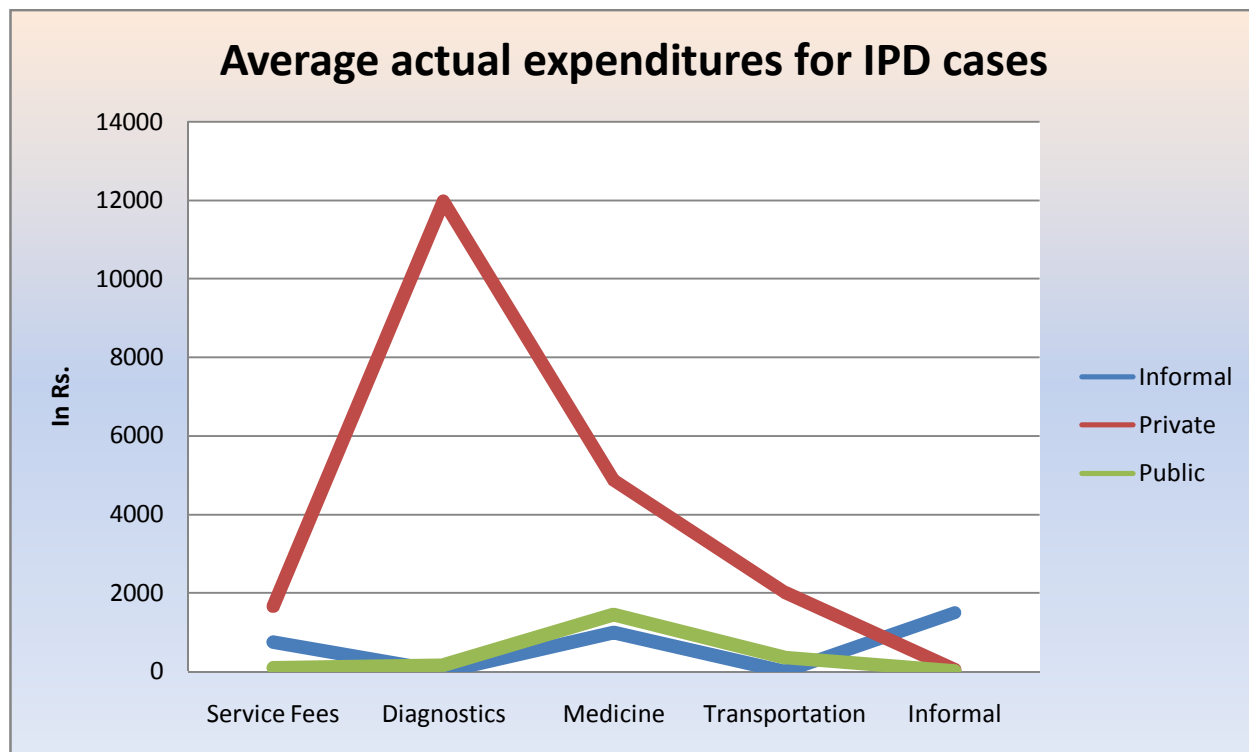
In public facilities most of the expenditures was on medicines which was nearly Rs. 1450/-per patient whereas in private facilities Rs. 11983/- was spent on diagnostics per patient.

It needs to be also mentioned that there are no private facilities in Dhalai District of Tripura; therefore the use of private hospitals in case of hospitalizations is very less as compared to public facilities. Detail analysis shows that those (5.6%) patients who availed IPD services at Pvt. Facilities had moved to either Agartala or outside of Tripura; therefore expenditures incurred for IPD cases including transportation were on higher side.

From the study it is evident that for short term morbidity cases people in Dhalai district usually went to private and government providers for treatment. However, in cases of hospitalizations, the people revealed their preferences for public service providers. For certain diseases like cancer, heart ailment, typhoid, and ophthalmological problems etc people preferably went to private service providers.

Average expenditure incurred on different diseases of hospitalized patients shows that the highest expenditure on treatment of Heart diseases (Rs.51908/-) followed by Cancer & Tumor (Rs.26000/-) and O&G problem (Rs.10331/-). Less expenditure was observed on treatment of TB and Leprosy were Rs. 674/- and Rs. 250/- respectively. It is also observed that the most

common diseases were common fever and malaria where expenditures were Rs. 1166/- and Rs. 840/- respectively



The study shows that out of 521 hospitalized patients, 247 had RSBY insurance, 19 had other insurance or reimbursement mechanism and 255 were without any insurance coverage. The table also shows about expenditures on different items. But it is interesting to see that RSBY card holder spent more amount as compare to without card holder regarding service fee and medicine cost. The service fee cost incurred by RSBY card holder was Rs. 251/- per patient whereas Rs. 114/- was spent as service fee by those without insurance. But regarding diagnostic cost RSBY card holder spent only Rs. 170 /- compare to Rs. 1781/- spent by patient without insurance card.

ANC, Delivery and PNC:

From the study, it is observed that expenditures during ANC and delivery per beneficiaries were found to be in higher side as compared with the other studies in other regions. Rs. 6283/- was spent by each mother during her pregnancy and delivery. Out of Rs. 6283/- spent by the mothers Rs. 2175/- was spent during ANC and Rs. 4108/- during delivery. From the analysis it is learnt that the average expenditure is high due to few sample mothers who had their ANC and

delivery at private facilities where average expenditures were above Rs. 20000/- per beneficiaries.

During ANC:

It is little bit difficult to recall the expenditures during ANC by type of providers by the mothers during ANC because as expected many beneficiaries availed both public and private clinics during different visits of ANC. Therefore, the study captured only expenditures on different items. Table 21 shows that out of 202 mothers, expenditures on service fee during ANC was nil for 122 (60%) pregnant mothers, 194 (96%) did not incur expenditure for diagnostic and 59 (29%) did not pay for medicine cost. Expenditures above Rs. 5000/ for transportation and medicine during ANC were borne by 6 (3%) and 5 (2.5%) mothers respectively.

During Delivery & PNC:

The study also shows that 94 (46.5%) mothers did not pay any amount for service fee where 36.6 pc delivered in public facilities and 10 pc in home. It is also found that from the table 24.b 130 mothers (64.4%) did not spend any amount on diagnostic charges where 63% mothers delivered at home and public facilities.

The study reveals that expenditures on medicines are also highest during delivery and PNC. The detail analysis shows that only 41 mothers (20.3%) did not spend any amount on medicine where 17 pc mothers delivered at home. It also shows that nearly 78 (40%) mothers spent Rs. 1000/- to Rs. 5000/- on medicine where 69 (34.2%) delivered at public facilities. It is also observed that 6 mothers reported that they spent on medicines between Rs. 10000/- to Rs. 20000/- during delivery.

The higher average expenditure on institutional delivery has been mainly due to higher expenditure incurred at private health service providers.

Source of expenditure:

It was difficult for the respondents to segregate the source of funding on their health care expenditures. In spite of that, with best recall method the respondents gave an idea of the source of fund they spent on health care. More than 80 percent households met their expenditure from their current income and savings for outpatient treatment and chronic ailments. In respect of inpatient treatment, households borrowed from friends, relatives or professional money lenders or sold their assets besides spending from their past savings. Nearly 5 pc households had to sell their assets to meet the expenditure which shows the insecurity faced by households as far as health care expenditure is concerned.

CONCLUSION:

There are no any private health care facilities in the Dhalai district but private practices at clinic / pharmacy is going on and as such 95 pc of the hospitalized cases were at Government facilities but for OPD cases private provider's presence was observed.

The survey results showed that the overall health status of the children in the district was good and ninety eight percent of the children did not report of any short term morbidity. Cough/cold and fever were the common disease found among the children in the district.

It is also observed from the study that service charge is within a certain considerable limit of the patients but cost of medicine is little bit on higher side.

Non availability of medicines with the SC and PHC often compel the patients to travel long distances to procure the prescribed medicines. Therefore, out of the total expenditure incurred, the expenditure on medicine has higher proportionate share.

From the study it may be conclude that the common diseases were fever and expenditures on treatment on fever is under certain limit of Rs 1000/- for IPD patients and Rs. 400/- for OPD patients.

General Information

Table 1: Comprehensive overview of the study estimates

| S. No | Variable | Estimates |
|-------|---|---------------------------------------|
| 1 | Total Population | 378230 |
| | Rural Population | 337731 |
| | Urban Population (as a percentage of total population) | 10.71 |
| 2 | Sampled Households | 1027 |
| | Persons in the sampled households | 5147 |
| 3 | Average Household Size | 5.01 |
| 4 | Number of persons reporting chronic ailment in the sample | 349 |
| 5 | Number of hospitalizations reported in the sample (reference period of last 365 days) | 521 |
| 6 | Number of persons reporting an ailment in the sample (reference period of last 30 days) | 567 |
| 7 | Number of women in the sample who delivered (reference period of last 2 years) | 202 |
| 9 | Number of women hospitalized during pregnancy/ delivery (reference period of last 2 years) | Average- 148 Median – 0 |
| 10 | Out of Pocket Expenditure (in Rs) per outpatient visit (reference period of last 30 days) | Average- 634 |
| 11 | Out of Pocket Expenditure (in Rs) per hospitalization episode (reference period of last 365 days) | Average - 3136 Median – 1100 |
| 12 | Out of Pocket Expenditure (in Rs) per chronic illness in a month (reference period of last 30 days) | Average - 1745 Median – 600 |
| 13 | Out of Pocket Expenditure (in Rs) per delivery including ANC (reference period of last 2 years) | Average - 6283 Median – 3141 |

Household Information

Table 2a: Size of Households

| S. No. | Size | Number | Percent |
|--------|-----------|--------|---------|
| 1 | Up to 2 | 62 | 6.0 |
| 2 | 3 to 4 | 495 | 48.2 |
| 3 | 5 to 6 | 344 | 33.5 |
| 4 | 7 & above | 126 | 12.3 |
| | Total | 1027 | 100.0 |

Table 2b: Economic status of sample Households

| S. No. | Economic Category | Number | Percent |
|--------|-------------------|--------|---------|
| 1 | BPL | 573 | 55.8 |
| 2 | Non BPL | 446 | 43.4 |
| 3 | No response | 8 | 0.8 |
| | Total | 1027 | 100.0 |

Table 2c: Religion wise distribution of sample Households

| S. No. | Religion | Number | Percent |
|--------|--------------|--------|---------|
| 1 | Hinduism | 732 | 71.3 |
| 2 | Islam | 12 | 1.2 |
| 3 | Christianity | 89 | 8.7 |
| 4 | Sikhism | 2 | 0.2 |
| 5 | Jianism | 1 | 0.1 |
| 6 | Buddhism | 191 | 18.6 |
| | Total | 1027 | 100.0 |

Table 2d: Social class wise Distribution of sample Households

| S. No. | Social Class | Number | Percent |
|--------|--------------|--------|---------|
| 1 | ST | 607 | 59.1 |
| 2 | SC | 153 | 14.9 |
| 3 | OBC | 177 | 17.2 |
| 4 | General | 90 | 8.8 |
| | Total | 1027 | 100.0 |

Table 2e: Distribution of sample Households according to type of house

| S. No. | House Type | Number | Percent |
|--------|------------|--------|---------|
| 1 | Pucca | 33 | 3.2 |
| 2 | Semi pucca | 297 | 28.9 |
| 3 | Kutcha | 697 | 67.9 |
| | Total | 1027 | 100.0 |

Table 2f: Distribution of sample Households according to type of Latrine

| S. No. | Latrine Type | Number | Percent |
|--------|--------------------|--------|---------|
| 1 | Service | 71 | 6.9 |
| 2 | Pit | 771 | 75.1 |
| 3 | Septic tank/ Flush | 102 | 9.9 |
| 4 | No Latrine | 83 | 8.1 |
| | Total | 1027 | 100.0 |

Table 2g: Distribution of sample Households according to source of drinking water

| S. No. | Source of Drinking water | Number | Percent |
|--------|--------------------------|--------|---------|
| 1 | Bottled water | 0 | 0 |
| 2 | Tap | 407 | 39.6 |
| 3 | Tube Well/ Hand pump | 229 | 22.3 |
| 4 | Tankers | 5 | 0.5 |
| 5 | Pucca Well | 52 | 5.1 |
| 6 | Tank/ pond | 53 | 5.2 |
| 7 | River / | 157 | 15.3 |
| 9 | Others | 124 | 12.1 |
| | Total | 1027 | 100.0 |

Table 2h: Distribution of sample Households according to type Source of energy for cooking

| S. No. | Source of energy for cooking | Number | Valid Percent |
|--------|------------------------------|--------|---------------|
| 1 | Coke/ Coal | 4 | 0.4 |
| 2 | Firewood | 911 | 88.7 |
| 3 | LPG | 100 | 9.7 |
| 4 | Gobar Gas | 2 | 0.2 |
| 5 | Kerosene | 6 | 0.6 |
| 6 | Electricity | 4 | 0.4 |
| | Total | 1027 | 100.0 |

Table 2i: Nearest functional health care provider from the household

| S. No | Type of provider | Estimates | |
|----------|--------------------------|-----------|---------|
| | | Number | Percent |
| | All Providers | | |
| 1 | Formal -Public | | |
| 1.1 | Sub Centre | 573 | 55.8 |
| 1.2 | Primary Health Centre | 211 | 20.5 |
| 1.3 | Community Health Centre | 20 | 1.9 |
| 1.4 | Sub district Hospital | 221 | 21.5 |
| 1.5 | District Hospital | 2 | 0.2 |
| 1.6 | Medical College Hospital | | |
| 2 | Formal -Private | | |
| 2.1 | Nursing home | | |
| 2.2 | Private hospital | | |
| 2.4 | Multi/Super specialty | | |
| 2.5 | Medical college hospital | | |
| | Total | 1027 | 100.0 |

Table 2j: Distance of the nearest functional healthcare provider from the household

| S. No | Type of provider | Estimates | |
|-------|------------------|-----------|---------|
| | | Number | Percent |
| 1 | Within 2 K.M. | 551 | 53.7 |
| 2 | 2 to 5 K.M. | 274 | 26.7 |
| 3 | 5 to 10K.M. | 113 | 11.0 |
| 4 | 10 K.M. & Above | 89 | 8.7 |
| | Total | 1027 | 100.0 |

Table 2k: Distribution of patient by their enrolled f Health Insurance scheme

| Enrolled for Health Insurance scheme | | | | | | | | |
|--------------------------------------|------------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| Type of Insurance / Patients | Chronic ailments | | OPD | | IPD | | Delivery | |
| | No. | % | No. | % | No. | % | No. | % |
| Community Health Insurance | 9 | 2.6 | 15 | 2.6 | 11 | 2.1 | 2 | 1.0 |
| Micro finance institution | 15 | 4.3 | 13 | 2.3 | 8 | 1.5 | 4 | 2.0 |
| ESI | - | - | - | - | - | - | - | - |
| CGHS | - | - | - | - | - | - | - | - |
| Pvt. Employer | - | - | - | - | - | - | - | - |
| RSBY | 108 | 30.9 | 217 | 38.3 | 247 | 47.4 | 72 | 35.6 |
| Govt Ins. under scheme | 1 | 0.3 | 1 | 0.2 | - | - | - | - |
| Pvt. Health insurance | 1 | 0.3 | 1 | 0.2 | - | - | - | - |
| No | 215 | 61.6 | 320 | 56.4 | 255 | 48.9 | 124 | 61.4 |
| Total | 349 | 100.0 | 567 | 100.0 | 521 | 100.0 | 202 | 100.0 |

Chronic ailment

Table 3: Distribution of chronic ailments

| Chronic ailment suffering | | | | | | |
|-------------------------------|-------------|-------|--------|------|------------|----------------------|
| Ailments / Sex | Male | | Female | | Total | |
| | No. | PC | No. | PC | No. | PC of total patients |
| Tuberculosis | 6 | 85.7 | 1 | 14.3 | 7 | 2.0 |
| Leprosy | 1 | 100.0 | - | - | 1 | 0.3 |
| Hypertension | 30 | 46.9 | 34 | 53.1 | 64 | 18.3 |
| Heart disease | 14 | 82.4 | 3 | 17.6 | 17 | 4.9 |
| Diabetes | 19 | 67.9 | 9 | 32.1 | 28 | 8.0 |
| Mental Illness | 11 | 78.6 | 3 | 21.4 | 14 | 4.0 |
| Asthama | 14 | 70.0 | 6 | 30.0 | 20 | 5.7 |
| HIV/AIDS | 2 | 100.0 | - | - | 2 | 0.6 |
| Cancers/Tumor | 5 | 100.0 | - | - | 5 | 1.4 |
| Paralysis of limbs | 14 | 87.5 | 2 | 12.5 | 16 | 4.6 |
| Gastric | 40 | 74.1 | 14 | 25.9 | 54 | 15.5 |
| Skin diseases | 9 | 75.0 | 3 | 25.0 | 12 | 3.4 |
| Liver disease | 4 | 66.7 | 2 | 33.3 | 6 | 1.7 |
| Bone /Joint disease | 48 | 72.7 | 18 | 27.3 | 66 | 18.9 |
| Thoroid | 4 | 50.0 | 4 | 50.0 | 8 | 2.3 |
| Others | 21 | 72.4 | 8 | 27.6 | 29 | 8.3 |
| Total | 242 | 69.3 | 107 | 30.7 | 349 | 100.0 |
| Total Persons surveyed | 5147 | | | | | |

Table 3a: Distribution of chronic ailments by age group (in numbers)

| Persons suffering from chronic ailment by age group (in numbers) | | | | | | | | |
|--|-----------|--------------|---------------|---------------|---------------|---------------|------------------|------------|
| Ailments / Age Group | 0-2 years | 2.1 -5 years | 10.1-18 years | 18.1-30 years | 30.1-50 years | 50.1-65 years | Above 65.1 years | Total |
| Tuberculosis | - | - | - | 1 | - | 4 | 2 | 7 |
| Leprosy | - | - | - | - | - | 1 | - | 1 |
| Hypertension | - | - | 1 | 1 | 23 | 28 | 11 | 64 |
| Heart disease | - | - | - | 3 | 7 | 3 | 4 | 17 |
| Diabetes | - | - | - | 1 | 15 | 7 | 5 | 28 |
| Mental Illness | - | - | - | - | 7 | 4 | 3 | 14 |
| Asthama | 1 | - | - | 3 | 4 | 10 | 2 | 20 |
| HIV/AIDS | - | - | - | - | 1 | 1 | - | 2 |
| Cancers/Tumor | - | - | - | 2 | 1 | 1 | 1 | 5 |
| Paralysis of limbs | - | - | - | 1 | 7 | 4 | 4 | 16 |
| Gastric | - | - | - | 5 | 26 | 14 | 9 | 54 |
| Skin diseases | - | - | 1 | 3 | 5 | 2 | 1 | 12 |
| Liver disease | - | - | - | - | 3 | 1 | 2 | 6 |
| Bone /Joint disease | - | - | 1 | 8 | 19 | 24 | 14 | 66 |
| Thairod | - | - | - | - | 4 | 3 | 1 | 8 |
| Others | - | 1 | 1 | 1 | 17 | 6 | 3 | 29 |
| Total | 1 | 1 | 4 | 29 | 139 | 113 | 62 | 349 |

Table 3b: Distribution of chronic ailments by age group (in %)

| Persons suffering from chronic ailment by age group (in %) | | | | | | | | |
|--|------------|--------------|---------------|---------------|---------------|---------------|------------------|--------------|
| Ailments / Age Group | 0-2 years | 2.1 -5 years | 10.1-18 years | 18.1-30 years | 30.1-50 years | 50.1-65 years | Above 65.1 years | Total |
| Tuberculosis | - | - | - | 14.3 | - | 57.1 | 28.6 | 100.0 |
| Leprosy | - | - | - | - | - | 100.0 | - | 100.0 |
| Hypertension | - | - | 1.6 | 1.6 | 35.9 | 43.8 | 17.2 | 100.0 |
| Heart disease | - | - | - | 17.6 | 41.2 | 17.6 | 23.5 | 100.0 |
| Diabetes | - | - | - | 3.6 | 53.6 | 25.0 | 17.9 | 100.0 |
| Mental Illness | - | - | - | - | 50.0 | 28.6 | 21.4 | 100.0 |
| Asthma | 5.0 | - | - | 15.0 | 20.0 | 50.0 | 10.0 | 100.0 |
| HIV/AIDS | - | - | - | - | 50.0 | 50.0 | - | 100.0 |
| Cancers/Tumor | - | - | - | 40.0 | 20.0 | 20.0 | 20.0 | 100.0 |
| Paralysis of limbs | - | - | - | 6.3 | 43.8 | 25.0 | 25.0 | 100.0 |
| Gastric | - | - | - | 9.3 | 48.1 | 25.9 | 16.7 | 100.0 |
| Skin diseases | - | - | 8.3 | 25.0 | 41.7 | 16.7 | 8.3 | 100.0 |
| Liver disease | - | - | - | - | 50.0 | 16.7 | 33.3 | 100.0 |
| Bone /Joint disease | - | - | 1.5 | 12.1 | 28.8 | 36.4 | 21.2 | 100.0 |
| Thyroid | - | - | - | - | 50.0 | 37.5 | 12.5 | 100.0 |
| Others | - | 3.4 | 3.4 | 3.4 | 58.6 | 20.7 | 10.3 | 100.0 |
| Total | 0.3 | 0.3 | 1.1 | 8.3 | 39.8 | 32.4 | 17.8 | 100.0 |

Table 4: Persons taking daily medication for chronic ailment

| Persons taking daily medication for chronic ailment | | |
|---|------------|--------------|
| | Number | PC |
| Yes | 180 | 51.6 |
| No | 152 | 43.6 |
| No response | 17 | 4.9 |
| Total | 349 | 100.0 |

Table 5a: Distribution of individuals sought outpatient care for chronic ailments in last 30days according to type of provider by facility wise

| Type of provider visited for Chronic ailments | | |
|--|---------------|--------------|
| Provider | Number | PC |
| Sub center | 3 | 0.9 |
| Primary health centre | 40 | 11.5 |
| Community health centre | 14 | 4.0 |
| Sub district Hospital | 49 | 14.0 |
| District Hospital | 16 | 4.6 |
| Medical College Hospital | 9 | 2.6 |
| Doctor/Clinic | 140 | 40.1 |
| Nursing home | 1 | 0.3 |
| Charitable/Trust Hospital | 11 | 3.2 |
| Multi/Super specialty | 1 | 0.3 |
| Medical college hospital | 1 | 0.3 |
| RMP | 2 | 0.6 |
| Traditional Healer | 11 | 3.2 |
| Pharmacist | 3 | 0.9 |
| Others | 19 | 5.4 |
| Provider Not Visited | 29 | 8.3 |
| Total | 349 | 100.0 |

Table 5b: Distribution of individuals sought outpatient care for chronic ailments in last 30days according to type of provider in broad groups

| Type of provider for Chronic ailments | | |
|--|---------------|------------|
| Type | Number | PC |
| Public | 131 | 37.5 |
| Private | 157 | 45 |
| Informal | 13 | 3.7 |
| Others | 19 | 5.4 |
| Provider Not Visited | 29 | 8.3 |
| Total | 349 | 100 |

Table 6a: Distribution of average consultation fee cost for patients with chronic disease by type of provider

| Provider / Amount | Consultation fee cost for patients with Chronic disease (In Rs.) | | | | | | | | | | | | Total patients |
|----------------------|--|-------------|-----------|-------------|------------|-------------|------------|------------|-------------|------------|--------------|------------|----------------|
| | Nil | | Up to 100 | | 101 to 300 | | 201 to 500 | | 501 to 1000 | | 1001 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 71 | 54.2 | 35 | 26.7 | 21 | 16 | 4 | 3.1 | - | - | - | - | 131 |
| Private | 48 | 30.6 | 33 | 21 | 67 | 42.7 | 4 | 2.5 | 4 | 2.5 | 1 | 0.6 | 157 |
| Informal | 13 | 100 | - | - | - | - | - | - | - | - | - | - | 13 |
| Others | 16 | 84.2 | 2 | 10.5 | - | - | - | - | - | - | 1 | 5.3 | 19 |
| Provider Not Visited | 29 | 100 | - | - | - | - | - | - | - | - | - | - | 29 |
| Total | 177 | 50.7 | 70 | 20.1 | 88 | 25.2 | 8 | 2.3 | 4 | 1.1 | 2 | 0.6 | 349 |

Table 6b: Distribution of average diagnostic tests cost for patients with chronic disease by type of provider

| Provider / Amount | Diagnostic tests cost for patients with Chronic disease (In Rs.) | | | | | | | | | | Total patients |
|----------------------|--|-------------|-----------|------------|------------|------------|-------------|------------|--------------|------------|----------------|
| | Nil | | Up to 200 | | 201 to 500 | | 500 to 1000 | | 1001 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 108 | 82.4 | 7 | 5.3 | 11 | 8.4 | 3 | 2.3 | 2 | 1.5 | 131 |
| Private | 97 | 61.8 | 10 | 6.4 | 16 | 10.2 | 7 | 4.5 | 27 | 17.2 | 157 |
| Informal | 13 | 100 | - | - | - | - | - | - | - | - | 13 |
| Others | 18 | 94.7 | - | - | - | - | - | - | 1 | 5.3 | 19 |
| Provider Not Visited | 29 | 100 | - | - | - | - | - | - | - | - | 29 |
| Total | 265 | 75.9 | 17 | 4.9 | 27 | 7.7 | 10 | 2.9 | 30 | 8.6 | 349 |

Table 6c: Distribution of average medicines cost for patients with chronic disease by type of provider

| Provider / Amount | Medicines cost for patients with Chronic disease (In Rs.) | | | | | | | | |
|----------------------|---|-------------|------------|-------------|-------------|-------------|--------------|-------------|----------------|
| | Nil | | Up to 500 | | 500 to 1000 | | 1001 & above | | Total patients |
| | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 25 | 19.1 | 62 | 47.3 | 22 | 16 | 22 | 17.6 | 131 |
| Private | 16 | 10.2 | 68 | 43.3 | 24 | 15.3 | 49 | 31.2 | 157 |
| Informal | 4 | 30.8 | 9 | 69.2 | | 0 | | 0 | 13 |
| Others | 8 | 42.1 | 8 | 42.1 | 1 | 5.3 | 2 | 10.5 | 19 |
| Provider Not Visited | 17 | 58.6 | 12 | 41.4 | | 0 | | 0 | 29 |
| Total | 70 | 20.1 | 159 | 45.6 | 47 | 13.2 | 73 | 21.2 | 349 |

Table 6d: Distribution of average transportation Cost for patients with chronic disease by type of provider

| Provider / Amount | Transportation Cost for patients with Chronic disease (In Rs.) | | | | | | | | |
|----------------------|--|-------------|------------|-------------|-------------|------------|--------------|------------|----------------|
| | Nil | | Up to 500 | | 500 to 1000 | | 1001 & above | | Total patients |
| | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 32 | 24.4 | 86 | 65.6 | 5 | 3.8 | 8 | 6.1 | 131 |
| Private | 48 | 30.6 | 75 | 47.8 | 12 | 7.6 | 22 | 14 | 157 |
| Informal | 12 | 92.3 | 1 | 7.7 | - | - | - | - | 13 |
| Others | 14 | 73.7 | 4 | 21.1 | - | - | 1 | 5.3 | 19 |
| Provider Not Visited | 26 | 89.7 | 3 | 10.3 | - | - | - | - | 29 |
| Total | 132 | 37.8 | 169 | 48.4 | 17 | 4.9 | 31 | 8.9 | 349 |

Table 7a: Distribution of average actual expenditures for patients with chronic disease by type of provider

| Item wise average actual expenditures chronic disease by type of provider | | | | | | |
|---|------------------|--------------|--------------|----------------|-------------|-------------|
| Services / Provider | Consultancy Fees | Diagnostics | Medicine | Transportation | Informal | Total |
| Public | 69.2 | 121.3 | 749.8 | 265.9 | 12.2 | 1218 |
| Private | 219.1 | 649.7 | 1191.1 | 506.8 | 34.7 | 2601 |
| Informal | 0.0 | 0.0 | 119.2 | 7.7 | 146.2 | 273 |
| Others | 110.5 | 263.2 | 956.8 | 195.8 | 0.0 | 1526. |
| Provider not visited | 0.0 | 0.0 | 164.5 | 33.4 | 6.9 | 205 |
| Total | 130.6 | 360.2 | 887.5 | 341.5 | 26.2 | 1746 |

Table 7b: Distribution of average actual expenditures on service fee, Medicine and diagnostic cost for patients with chronic disease by type of diseases

| Ailments wise average expenditures on Service fee, Medicine and Diagnostics | | |
|---|---------------------|----------------|
| Chronic ailment suffering from | Expenditures in Rs. | Total patients |
| Tuberculosis | 1676 | 7 |
| Leprosy | 1200 | 1 |
| Hypertension | 596 | 64 |
| Heart disease | 2729 | 17 |
| Diabetes | 2976 | 28 |
| Mental Illness | 425 | 14 |
| Asthma | 1394 | 20 |
| HIV/AID | 0 | 2 |
| Cancers/Tumor | 4915 | 5 |
| Paralysis of limbs | 1309 | 16 |
| Gastric | 910 | 54 |
| Skin diseases | 750 | 12 |
| Liver disease | 8642 | 6 |
| Bone /Joint disease | 673 | 66 |
| Thyroid | 2819 | 8 |
| Others | 1512 | 29 |
| Total | 1378 | 349 |

Table 7c: Distribution of average actual expenditures for patients with chronic disease by type of provider & insurance coverage

| Average expenditures on Chronic ailments in last 30 days (in Rs.) | | | | | |
|--|-------------------------|---------------------|------------------------|-----------------------|---|
| Status of Insurance | Service provider | Service fees | Diagnostic cost | Medicines cost | Total patients with Chronic ailments |
| RSBY | Informal | 0 | 0 | 183 | 6 |
| | Others | 9 | 0 | 164 | 11 |
| | Private | 113 | 685 | 1102 | 31 |
| | Public | 47 | 57 | 648 | 50 |
| | Not visited | 0 | 0 | 113 | 16 |
| Sub -Total | | 52 | 211 | 625 | 114 |
| Other insurances / reimbursement mechanism | Others | 0 | 0 | 640 | 2 |
| | Private | 160 | 1107 | 522 | 15 |
| | Public | 121 | 0 | 187 | 7 |
| Sub -Total | | 135 | 692 | 434 | 24 |
| No | Informal | 0 | 0 | 64 | 7 |
| | Others | 333 | 833 | 2517 | 6 |
| | Private | 257 | 603 | 1323 | 111 |
| | Public | 79 | 176 | 872 | 74 |
| | Not visited | 0 | 0 | 82 | 13 |
| Sub -Total | | 172 | 403 | 1081 | 211 |
| Average total expenditure | | 131 | 360 | 887 | 349 |

OPD

Table 8a: Distribution of episodes of ailments in the last 30 days according to ailment categories

| Ailment suffering in last 30 days | | |
|--|---------------|--------------|
| Ailments | Number | PC |
| Asthma | 4 | 0.7 |
| Back pain | 6 | 1.1 |
| Body pain | 12 | 2.1 |
| BP | 15 | 2.6 |
| Cancer | 4 | 0.7 |
| Chest | 2 | 0.4 |
| Diarrhea | 5 | 0.9 |
| Fever | 366 | 64.6 |
| Gastric Problem | 21 | 3.7 |
| GB stone | 1 | 0.2 |
| Headache | 10 | 1.8 |
| Joint pain | 23 | 4.1 |
| Malaria | 22 | 3.9 |
| Others | 47 | 8.3 |
| Skin | 6 | 1.1 |
| Stomach | 5 | 0.9 |
| Stomach pain | 18 | 3.2 |
| Total | 567 | 100.0 |

Table 8b: Distribution of episodes of ailments in the last 30 days according to ailment categories (in detail)

| Ailment suffering in last 30 days (in broad groups) | | |
|--|---------------|-----------|
| Ailments | Number | PC |
| Accident | 1 | 0.2 |
| Asthma | 4 | 0.7 |
| Back pain | 7 | 1.2 |
| Body pain | 13 | 2.3 |
| BP | 15 | 2.6 |

| | | |
|-----------------|-----|-------|
| Breathing | 1 | 0.2 |
| Burn Injury | 1 | 0.2 |
| Cancer | 4 | 0.7 |
| Chest | 2 | 0.4 |
| Dental | 1 | 0.2 |
| Diarrhea | 5 | 0.9 |
| Eye | 2 | 0.4 |
| Fever | 361 | 63.7 |
| Fracture | 1 | 0.2 |
| Gastric Problem | 21 | 3.7 |
| GB stone | 1 | 0.2 |
| Gland | 1 | 0.2 |
| Headache | 10 | 1.8 |
| Health Check up | 1 | 0.2 |
| Heart | 1 | 0.2 |
| Infection | 2 | 0.4 |
| Injury | 2 | 0.4 |
| Joint pain | 23 | 4.1 |
| Liver | 1 | 0.2 |
| Malaria | 22 | 3.9 |
| Mental | 2 | 0.4 |
| Neck pain | 1 | 0.2 |
| Nerve | 2 | 0.4 |
| Others | 5 | 0.9 |
| Pain of hand | 1 | 0.2 |
| Pox | 2 | 0.4 |
| Skin | 6 | 1.1 |
| Stomach | 5 | 0.9 |
| Stomach pain | 18 | 3.2 |
| Sugar | 3 | 0.5 |
| Sinus | 1 | 0.2 |
| TB | 1 | 0.2 |
| Teeth pain | 1 | 0.2 |
| Thyroid | 1 | 0.2 |
| Tumor | 2 | 0.4 |
| Typhoid | 5 | 0.9 |
| Uric acid | 1 | 0.2 |
| Vomiting | 2 | 0.4 |
| Weakness | 4 | 0.7 |
| Worm | 1 | 0.2 |
| Total | 567 | 100.0 |

Table 9a: Distribution of ailments in the last 30 days by age group (in numbers)

| Ailments / Age Group | Persons suffered any illness during last 30 days by age group | | | | | | | | Total persons suffered |
|----------------------|---|--------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------------|
| | 0-2 years | 2.1 -5 years | 5.1 - 10 years | 10.1- 18 years | 18.1- 30 years | 30.1- 50 years | 50.1- 65 years | Above 65.1 years | |
| Asthma | - | - | - | - | 1 | 1 | - | 2 | 4 |
| Back pain | - | - | - | - | - | 3 | 2 | 1 | 6 |
| Body pain | - | - | - | - | 1 | 6 | 2 | 3 | 12 |
| BP | - | - | - | 1 | 1 | 5 | 5 | 3 | 15 |
| Cancer | - | - | - | - | - | - | 3 | 1 | 4 |
| Chest | - | - | - | - | 1 | - | 1 | - | 2 |
| Dyrrohea | - | - | - | - | 1 | 1 | 3 | - | 5 |
| Fever | 3 | 2 | 4 | 2 | 81 | 169 | 83 | 22 | 366 |
| Gastric Problem | - | - | - | - | 1 | 9 | 6 | 5 | 21 |
| GB stone | - | - | - | - | - | 1 | - | - | 1 |
| Headache | - | - | - | - | 1 | 5 | 4 | - | 10 |
| Joint pain | - | - | - | - | 2 | 9 | 9 | 3 | 23 |
| Malaria | - | - | - | - | 10 | 7 | 4 | 1 | 22 |
| Others | - | - | - | 1 | 8 | 19 | 12 | 7 | 47 |
| Skin | - | - | - | - | 1 | 3 | 1 | 1 | 6 |
| Stomach | - | - | - | - | - | 2 | 3 | - | 5 |
| Stomach pain | - | - | - | 1 | 1 | 8 | 2 | 6 | 18 |
| Total | 3 | 2 | 4 | 5 | 110 | 248 | 140 | 55 | 567 |

Table 9b: Distribution of ailments in the last 30 days by age group (in %)

| Ailments / Age Group | Persons suffered any illness during last 30 days by age group (in %) | | | | | | | | Total persons suffered |
|----------------------|--|--------------|----------------|----------------|----------------|----------------|----------------|------------------|------------------------|
| | 0-2 years | 2.1 -5 years | 5.1 - 10 years | 10.1- 18 years | 18.1- 30 years | 30.1- 50 years | 50.1- 65 years | Above 65.1 years | |
| Asthma | - | - | - | - | 25.0 | 25.0 | - | 5.0 | 100.0 |
| Back pain | - | - | - | - | - | 5.0 | 33.3 | 16.7 | 100.0 |
| Body pain | - | - | - | - | 8.3 | 5.0 | 16.7 | 25.0 | 100.0 |
| BP | - | - | - | 6.7 | 6.7 | 33.3 | 33.3 | 2.0 | 100.0 |
| Cancer | - | - | - | - | - | - | 75.0 | 25.0 | 100.0 |
| Chest | - | - | - | - | 5.0 | - | 5.0 | - | 100.0 |
| Diarrhea | - | - | - | - | 2.0 | 2.0 | 6.0 | - | 100.0 |
| Fever | 0.8 | 0.5 | 1.9 | 0.5 | 22.1 | 46.2 | 22.7 | 6.2 | 100.0 |
| Gastric Problem | - | - | - | - | 4.8 | 42.9 | 28.6 | 23.9 | 100.0 |
| GB stone | - | - | - | - | - | 1.0 | - | - | 100.0 |
| Headache | - | - | - | - | 1.0 | 5.0 | 4.0 | - | 100.0 |
| Joint pain | - | - | - | - | 8.7 | 39.1 | 39.1 | 13.4 | 100.0 |
| Malaria | - | - | - | - | 45.5 | 31.8 | 18.2 | 4.5 | 100.0 |
| Others | - | - | - | 2.1 | 17.2 | 4.4 | 25.5 | 14.9 | 100.0 |
| Skin | - | - | - | - | 16.7 | 5.0 | 16.7 | 16.7 | 100.0 |
| Stomach | - | - | - | - | - | 4.0 | 6.0 | - | 100.0 |
| Stomach pain | - | - | - | 5.6 | 5.6 | 44.4 | 11.1 | 33.3 | 100.0 |
| Total | 0.5 | 0.4 | 0.8 | 0.9 | 19.4 | 43.7 | 24.7 | 9.7 | 100.0 |

Table 10a: Distribution of individuals sought outpatient care for chronic ailments in last 30days according to type of provider by facility wise

| Provider visited for OPD cases | | |
|---------------------------------------|---------------|--------------|
| Provider | Number | PC |
| Sub center | 46 | 8.1 |
| Primary health centre | 72 | 12.7 |
| Community health centre | 17 | 3.0 |
| Sub district Hospital | 106 | 18.7 |
| District Hospital | 20 | 3.5 |
| Medical College Hospital | 1 | 0.2 |
| Doctor/Clinic | 175 | 30.9 |
| Private Hospital | 1 | 0.2 |
| Charitable/Trust Hospital | 2 | 0.4 |
| RMP | 4 | 0.7 |
| Traditional Healer | 20 | 3.5 |
| ASHA | 8 | 1.4 |
| Others | 25 | 4.4 |
| Provider Not Visited | 70 | 12.3 |
| Total | 567 | 100.0 |

Table 10b: Distribution of individuals sought outpatient care for chronic ailments in last 30days according to type of provider

| Provider visited for OPD cases | | |
|---------------------------------------|---------------|--------------|
| Type | Number | PC |
| ASHA | 8 | 1.4 |
| Others | 22 | 3.9 |
| Private | 178 | 31.4 |
| Provider not visited | 70 | 12.3 |
| Public | 265 | 46.7 |
| Informal | 24 | 4.2 |
| Total | 567 | 100.0 |

Table 11a: Distribution of Consultation fee cost for OPD cases by type of provider

| Provider / Amount | Consultation fee cost for OPD cases (In Rs.) | | | | | | | | | | | | Total patients |
|-------------------------|--|-------------|------------|-------------|------------|------------|------------|------------|-------------|------------|--------------|------------|----------------|
| | Nil | | Up to 100 | | 101 to 300 | | 301 to 500 | | 501 to 1000 | | 1001 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 203 | 76.6 | 44 | 16.6 | 18 | 6.8 | - | - | - | - | - | - | 265 |
| Private | 84 | 47.2 | 56 | 31.5 | 35 | 19.7 | 1 | 0.6 | 1 | 0.6 | 1 | 0.6 | 178 |
| ASHA | 8 | 100.0 | - | - | - | - | - | - | - | - | - | - | 8 |
| Informal | 23 | 95.8 | 1 | 4.2 | - | - | - | - | - | - | - | - | 24 |
| Others | 17 | 77.3 | 4 | 18.2 | 1 | 4.5 | - | - | - | - | - | - | 22 |
| Provider not visited | 70 | 100.0 | - | - | - | - | - | - | - | - | - | - | 70 |
| Total Inpatients | 405 | 71.4 | 105 | 18.5 | 54 | 9.5 | 1 | 0.2 | 1 | 0.2 | 1 | 0.2 | 567 |

Table 11b: Distribution of Diagnostic tests cost for OPD cases by type of provider

| Provider / Amount | Diagnostic tests cost for OPD cases (In Rs.) | | | | | | | | | | Total patients |
|-------------------------|--|-------------|-----------|------------|------------|------------|-------------|------------|--------------|------------|----------------|
| | Nil | | Up to 200 | | 201 to 500 | | 500 to 1000 | | 1001 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 222 | 83.8 | 23 | 8.7 | 17 | 6.4 | 1 | 0.4 | 2 | 0.8 | 265 |
| Private | 135 | 75.8 | 24 | 13.5 | 12 | 6.7 | 3 | 1.7 | 4 | 2.2 | 178 |
| ASHA | 8 | 100.0 | - | - | - | - | - | - | - | - | 8 |
| Informal | 24 | 100.0 | - | - | - | - | - | - | - | - | 24 |
| Others | 18 | 81.8 | 2 | 9.1 | 2 | 9.1 | - | - | - | - | 22 |
| Provider not visited | 70 | 100.0 | - | - | - | - | - | - | - | - | 70 |
| Total Inpatients | 477 | 84.1 | 49 | 8.6 | 31 | 5.5 | 4 | 0.7 | 6 | 1.1 | 567 |

Table 11c: Distribution of Medicines cost for OPD cases by type of provider

| Provider / Amount | Medicines cost for OPD cases (In Rs.) | | | | | | | | |
|-------------------------|---------------------------------------|-------------|------------|-------------|-------------|-------------|--------------|------------|----------------|
| | Nil | | Up to 500 | | 500 to 1000 | | 1001 & above | | Total patients |
| | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 76 | 28.7 | 137 | 51.7 | 34 | 12.8 | 18 | 6.8 | 265 |
| Private | 9 | 5.1 | 124 | 69.7 | 26 | 14.6 | 19 | 10.7 | 178 |
| ASHA | 4 | 50.0 | 3 | 37.5 | - | - | 1 | 12.5 | 8 |
| Informal | 8 | 33.3 | 16 | 66.7 | - | - | - | - | 24 |
| Others | 5 | 22.7 | 11 | 50.0 | 3 | 13.6 | 3 | 13.6 | 22 |
| Provider not visited | 31 | 44.3 | 37 | 52.9 | 2 | 2.9 | - | - | 70 |
| Total Inpatients | 133 | 23.5 | 328 | 57.8 | 65 | 11.5 | 41 | 7.2 | 567 |

Table 11d: Distribution of Transportation cost for OPD cases by type of provider

| Provider / Amount | Transportation Cost for OPD cases (In Rs.) | | | | | | | | |
|-------------------------|--|-------------|------------|-------------|-------------|------------|--------------|------------|----------------|
| | Nil | | Up to 500 | | 500 to 1000 | | 1001 & above | | Total patients |
| | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 171 | 64.5 | 91 | 34.3 | 3 | 1.1 | - | - | 265 |
| Private | 104 | 58.4 | 67 | 37.6 | 3 | 1.7 | 4 | 2.2 | 178 |
| ASHA | 6 | 75.0 | 2 | 25.0 | - | - | - | - | 8 |
| Informal | 22 | 91.7 | 2 | 8.3 | - | - | - | - | 24 |
| Others | 15 | 68.2 | 7 | 31.8 | - | - | - | - | 22 |
| Provider not visited | 58 | 82.9 | 12 | 17.1 | - | - | - | - | 70 |
| Total Inpatients | 376 | 66.3 | 181 | 31.9 | 6 | 1.1 | 4 | 0.7 | 567 |

Table 11e: Distribution of Informal payments for OPD cases by type of provider

| Provider / Amount | Informal payments for OPD cases (In Rs.) | | | | | | | | Total patients |
|-------------------------|--|-------------|-----------|------------|------------|------------|-------------|------------|----------------|
| | Nil | | Up to 200 | | 200 to 500 | | 501 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 239 | 90.2 | 22 | 8.3 | 2 | 0.8 | 2 | 0.8 | 265 |
| Private | 166 | 93.3 | 8 | 4.5 | 2 | 1.1 | 2 | 1.1 | 178 |
| ASHA | 7 | 87.5 | 1 | 12.5 | - | - | - | - | 8 |
| Informal | 17 | 70.8 | 5 | 20.8 | 2 | 8.3 | - | - | 24 |
| Others | 19 | 90.5 | 2 | 9.5 | - | - | - | - | 21 |
| Provider not visited | 71 | 100.0 | - | - | - | - | - | - | 71 |
| Total Inpatients | 519 | 91.5 | 38 | 6.7 | 6 | 1.1 | 4 | 0.7 | 567 |

Table 12a: Distribution of average actual expenditures for patients for OPD cases by type of provider

| Actual Expenditures for OPD cases | | | | | | |
|-----------------------------------|------------------|-------------|--------------|----------------|-------------|--------------|
| Provider / Amount | Consultancy Fees | Diagnostics | Medicine | Transportation | Informal | Total |
| Public | 24.6 | 45.1 | 375 | 120 | 16 | 580.7 |
| Private | 77.2 | 127 | 625.3 | 167.5 | 19.3 | 1016.4 |
| Informal | 2.1 | 0 | 135.4 | 31.7 | 45.8 | 215 |
| ASHA | 0 | 0 | 220 | 27.5 | 25 | 272.5 |
| Others | 23.8 | 37.7 | 373.4 | 50.5 | 1.8 | 486.1 |
| Provider not visited | 0 | 0 | 76.3 | 19.4 | 0 | 95.7 |
| Total | 36.7 | 62.4 | 404.3 | 114.7 | 15.9 | 634.1 |

Table 12b: Distribution of average actual expenditures for patients for OPD cases on service fee, diagnostic cost and medicine by type of diseases

| Ailments wise average expenditures on Service fee, Medicine and Diagnostics for OPD patients | | |
|---|----------------------------|-----------------------|
| Chronic ailment suffering from | Expenditures in Rs. | Total patients |
| Asthma | 325 | 4 |
| Back pain | 157 | 6 |
| Body pain | 327 | 12 |
| BP | 355 | 15 |
| Cancer | 1938 | 4 |
| Chest | 475 | 2 |
| Diarrhea | 220 | 5 |
| Fever | 367 | 366 |
| Gastric Problem | 317 | 21 |
| Headache | 403 | 10 |
| Joint pain | 1525 | 23 |
| Malaria | 954 | 22 |
| Others | 600 | 47 |
| Skin | 645 | 6 |
| Stomach | 1200 | 5 |
| Stomach pain | 1380 | 19 |
| Grand Total | 503 | 567 |

Table 12c: Distribution of actual expenditures for patients for OPD cases by type of provider and insurance cover

| Expenditures on per OPD patients in last 30 days (in Rs.) | | | | | |
|--|-------------------------|---------------------|------------------------|-----------------------|------------------------------------|
| Status of Insurance | Service provider | Service fees | Diagnostic cost | Medicines cost | Total episodes of OPD cases |
| RSBY | Others | 11 | 8 | 286 | 33 |
| | Private | 83 | 90 | 580 | 110 |
| | Provider not visited | 0 | 0 | 60 | 38 |
| | Public | 16 | 42 | 280 | 139 |
| | Sub Total | 33 | 48 | 341 | 320 |
| Other insurances / reimbursement mechanism | Others | 0 | 0 | 200 | 2 |
| | Private | 190 | 1040 | 2580 | 5 |
| | Provider not visited | 0 | 0 | 225 | 6 |
| | Public | 44 | 5 | 226 | 17 |
| | Total | 57 | 176 | 617 | 30 |
| No | Others | 11 | 21 | 224 | 19 |
| | Private | 69 | 107 | 562 | 63 |
| | Provider not visited | 0 | 0 | 64 | 26 |
| | Public | 29 | 53 | 468 | 109 |
| | Total | 37 | 62 | 427 | 217 |
| Average total expenditure | | 37 | 62 | 404 | 567 |

IPD

Table 13: Hospitalization during last 365 days according to ailment

| Sl | Ailment for IPD in last 365 days | | | | | | PC of total IPD patients |
|--------------|----------------------------------|------------|-------------|------------|-------------|------------|--------------------------|
| | Ailments | Male | | Female | | Total | |
| | | No. | PC | No. | PC | No. | |
| 1 | Accident | 14 | 82.4 | 3 | 17.6 | 17 | 3.3 |
| 2 | Asthma | 7 | 87.5 | 1 | 12.5 | 8 | 1.5 |
| 3 | BP | 14 | 70.0 | 6 | 30.0 | 20 | 3.8 |
| 4 | Burn Injury | 1 | 100.0 | - | - | 1 | 0.2 |
| 5 | Cancer | 3 | 100.0 | - | - | 3 | 0.6 |
| 6 | Dyrrohea | 9 | 60.0 | 6 | 40.0 | 15 | 2.9 |
| 7 | Eye | 2 | 66.7 | 1 | 33.3 | 3 | 0.6 |
| 8 | Eye | - | - | 1 | 100.0 | 1 | 0.2 |
| 9 | Fever | 83 | 73.5 | 30 | 26.5 | 113 | 21.7 |
| 10 | Fracture | 3 | 75.0 | 1 | 25.0 | 4 | 0.8 |
| 11 | Gastric | 19 | 76.0 | 6 | 24.0 | 25 | 4.8 |
| 12 | GB stone | 4 | 100.0 | - | - | 4 | 0.8 |
| 13 | Heart | 5 | 83.3 | 1 | 16.7 | 6 | 1.2 |
| 14 | Joint Pain | 9 | 64.3 | 5 | 35.7 | 14 | 2.7 |
| 15 | Jaundice | 3 | 100.0 | - | - | 3 | 0.6 |
| 16 | Leprosy | 1 | 50.0 | 1 | 50.0 | 2 | 0.4 |
| 17 | Liver Disease | 5 | 83.3 | 1 | 16.7 | 6 | 1.2 |
| 18 | Lungs | 1 | 100.0 | - | - | 1 | 0.2 |
| 19 | Malaria | 114 | 73.1 | 42 | 26.9 | 156 | 29.9 |
| 20 | O&G | 7 | 87.5 | 1 | 12.5 | 8 | 1.5 |
| 21 | Others | 21 | 70.0 | 9 | 30.0 | 30 | 5.8 |
| 22 | Pain | 3 | 100.0 | - | - | 3 | 0.6 |
| 23 | Paralysis | 9 | 90.0 | 1 | 10.0 | 10 | 1.9 |
| 24 | Skin | - | - | 2 | 100.0 | 2 | 0.4 |
| 25 | Stomach | 32 | 84.2 | 6 | 15.8 | 38 | 7.3 |
| 26 | Sugar | 9 | 90.0 | 1 | 10.0 | 10 | 1.9 |
| 27 | TB | 3 | 60.0 | 2 | 40.0 | 5 | 1.0 |
| 28 | Typhoid | 6 | 85.7 | 1 | 14.3 | 7 | 1.3 |
| 29 | Urinary | 3 | 100.0 | - | - | 3 | 0.6 |
| 30 | Vomiting | 3 | 100.0 | - | - | 3 | 0.6 |
| Total | | 393 | 75.4 | 128 | 24.6 | 521 | 100.0 |

Table 14a: Distribution of diseases for hospitalized cases during last 365 days by age group (in no.)

| Sl. | Ailments / Age Group | Persons hospitalized during last 365 days by age group (in no.s) | | | | | | | | Total persons hospitalized |
|--------------|----------------------|--|--------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------------------|
| | | 0-2 years | 2.1 -5 years | 5.1 - 10 years | 10.1- 18 years | 18.1- 30 years | 30.1- 50 years | 50.1- 65 years | Above 65.1 years | |
| 1 | Accident | - | - | - | - | 1 | 14 | 2 | - | 17 |
| 2 | Asthma | - | - | - | - | - | 1 | 4 | 3 | 8 |
| 3 | BP | - | - | - | - | - | 12 | 3 | 5 | 20 |
| 4 | Burn Injury | - | - | - | 1 | - | - | - | - | 1 |
| 5 | Cancer | - | - | - | - | - | 1 | 1 | 1 | 3 |
| 6 | Diarrhea | - | - | - | - | 4 | 6 | 3 | 2 | 15 |
| 7 | Eye | - | - | - | - | - | 1 | - | 2 | 3 |
| 8 | Eye | - | - | - | - | - | - | 1 | - | 1 |
| 9 | Fever | 1 | - | - | - | 27 | 45 | 28 | 12 | 113 |
| 10 | Fracture | - | - | - | - | - | 2 | 1 | 1 | 4 |
| 11 | Gastric | - | - | - | 1 | 2 | 11 | 5 | 6 | 25 |
| 12 | GB stone | - | - | - | - | - | 2 | 2 | - | 4 |
| 13 | Heart | - | - | - | - | - | 2 | 3 | 1 | 6 |
| 14 | Joint Pain | - | - | - | - | 2 | 4 | 5 | 3 | 14 |
| 15 | Jaundice | - | - | - | - | - | 1 | 2 | - | 3 |
| 16 | Leprosy | - | - | - | - | - | 2 | - | - | 2 |
| 17 | Liver Disease | - | - | - | - | - | 2 | 1 | 3 | 6 |
| 18 | Lungs | - | - | - | - | - | - | - | 1 | 1 |
| 19 | Malaria | 1 | 4 | 5 | 9 | 41 | 63 | 18 | 15 | 156 |
| 20 | O&G | - | - | - | - | 1 | 3 | 3 | 1 | 8 |
| 21 | Others | 1 | - | - | - | 6 | 15 | 8 | - | 30 |
| 22 | Pain | - | - | - | - | 1 | 1 | - | 1 | 3 |
| 23 | Paralysis | - | - | - | - | 2 | 4 | 3 | 1 | 10 |
| 24 | Skin | - | - | - | - | 1 | 1 | - | - | 2 |
| 25 | Stomach | 2 | - | - | 1 | 5 | 22 | 8 | - | 38 |
| 26 | Sugar | - | - | - | - | 2 | 5 | 1 | 2 | 10 |
| 27 | TB | - | - | - | - | 1 | 1 | 2 | 1 | 5 |
| 28 | Typhoid | - | - | - | - | - | 3 | 3 | 1 | 7 |
| 29 | Urinary | - | - | - | - | - | 3 | - | - | 3 |
| 30 | Vomiting | - | - | - | - | 1 | 1 | - | 1 | 3 |
| Total | | 5 | 4 | 5 | 12 | 97 | 228 | 107 | 63 | 521 |

Table 14b: Table 9b: Distribution of ailments for hospitalized cases during last 365 days by age group (in %)

| Sl. | Ailments / Age Group | Persons hospitalized during last 365 days by age group (in %) | | | | | | | | Total persons hospitalized |
|-----|----------------------|---|--------------|----------------|----------------|----------------|----------------|----------------|------------------|----------------------------|
| | | 0-2 years | 2.1 -5 years | 5.1 - 10 years | 10.1- 18 years | 18.1- 30 years | 30.1- 50 years | 50.1- 65 years | Above 65.1 years | |
| 1 | Accident | - | - | - | - | - | 12.5 | 5.0 | 37.5 | 100.0 |
| 2 | Asthma | - | - | - | - | - | 6.0 | 15.0 | 25.0 | 100.0 |
| 3 | BP | - | - | - | 1.0 | - | - | - | - | 100.0 |
| 4 | Burn Injury | - | - | - | - | - | 33.3 | 33.3 | 33.3 | 100.0 |
| 5 | Cancer | - | - | - | - | 26.7 | 4.0 | 2.0 | 13.3 | 100.0 |
| 6 | Diarrhea | - | - | - | - | - | 33.3 | - | 66.7 | 100.0 |
| 7 | Eye | - | - | - | - | - | - | 1.0 | - | 100.0 |
| 8 | Eye | 0.9 | - | - | - | 23.9 | 39.8 | 24.8 | 1.6 | 100.0 |
| 9 | Fever | - | - | - | - | - | 5.0 | 25.0 | 25.0 | 100.0 |
| 10 | Fracture | - | - | - | 4.0 | 8.0 | 44.0 | 2.0 | 24.0 | 100.0 |
| 11 | Gastric | - | - | - | - | - | 5.0 | 5.0 | - | 100.0 |
| 12 | GB stone | - | - | - | - | - | 33.3 | 5.0 | 16.7 | 100.0 |
| 13 | Heart | - | - | - | - | 14.3 | 28.6 | 35.7 | 21.4 | 100.0 |
| 14 | Joint Pain | - | - | - | - | - | 33.3 | 66.7 | - | 100.0 |
| 15 | Jaundice | - | - | - | - | - | 1.0 | - | - | 100.0 |
| 16 | Leprosy | - | - | - | - | - | 33.3 | 16.7 | 5.0 | 100.0 |
| 17 | Liver Disease | - | - | - | - | - | - | - | 1.0 | 100.0 |
| 18 | Lungs | 0.6 | 2.6 | 3.3 | 5.8 | 26.3 | 4.4 | 11.5 | 9.6 | 100.0 |
| 19 | Malaria | - | - | - | - | 12.5 | 37.5 | 37.5 | 12.5 | 100.0 |
| 20 | O&G | 3.3 | - | - | - | 2.0 | 5.0 | 26.7 | - | 100.0 |
| 21 | Others | - | - | - | - | 33.3 | 33.3 | - | 33.3 | 100.0 |
| 22 | Pain | - | - | - | - | 2.0 | 4.0 | 3.0 | 1.0 | 100.0 |
| 23 | Paralysis | - | - | - | - | 5.0 | 5.0 | - | - | 100.0 |
| 24 | Skin | 5.3 | - | - | 2.6 | 13.2 | 57.9 | 21.5 | - | 100.0 |
| 25 | Stomach | - | - | - | - | 2.0 | 5.0 | 1.0 | 2.0 | 100.0 |
| 26 | Sugar | - | - | - | - | 2.0 | 2.0 | 4.0 | 2.0 | 100.0 |
| 27 | TB | - | - | - | - | - | 42.9 | 42.9 | 14.3 | 100.0 |
| 28 | Typhoid | - | - | - | - | - | 1.0 | - | - | 100.0 |
| 29 | Urinary | - | - | - | - | 33.3 | 33.3 | - | 33.3 | 100.0 |
| 30 | Vomiting | 1.0 | 0.8 | 1.0 | 2.3 | 18.6 | 43.8 | 2.5 | 12.9 | 100.0 |
| | Total | 1.0 | 0.8 | 1.0 | 2.3 | 18.6 | 43.8 | 2.5 | 12.9 | 100.0 |

Table 15a: Distribution of individuals hospitalized during last 365 days according to type of provider by facility wise

| Provider visited for IPD cases | | |
|---------------------------------------|------------|--------------|
| Provider | Number | PC |
| Primary health centre | 119 | 22.8 |
| Community health centre | 86 | 16.5 |
| Sub district Hospital | 195 | 37.4 |
| District Hospital | 65 | 12.5 |
| Medical College Hospital | 25 | 4.8 |
| Doctor/Clinic | 13 | 2.5 |
| Private Nursing Home | 3 | 0.6 |
| Private Hospital | 8 | 1.5 |
| Charitable/Trust Hospital | 4 | 0.8 |
| Prvt. Super specialty Hospital | 1 | 0.2 |
| RMP | 2 | 0.4 |
| Total | 521 | 100.0 |

Table 15a: Distribution of individuals hospitalized during last 365 days according to type of provider

| Provider visited for IPD cases | | |
|---------------------------------------|------------|--------------|
| Type | Number | PC |
| Informal | 2 | 0.4 |
| Private | 29 | 5.6 |
| Public | 490 | 94.0 |
| Total | 521 | 100.0 |

Table 16a: Distribution of individuals hospitalized during last 365 days by duration (in no.s)

| Sl. | Ailments / duration of stay | Duration of hospitalization (in days) | | | | | | Grand Total |
|--------------|-----------------------------|---------------------------------------|------------|-----------|-----------|----------|------------|-------------|
| | | Up to 2 | 3 to 6 | 7 to 10 | 11 to 20 | 21 to 30 | 30 & above | |
| 1 | Accident | 5 | 6 | 4 | 2 | - | - | 17 |
| 2 | Asthma | 1 | 3 | 4 | - | - | - | 8 |
| 3 | BP | 4 | 12 | 4 | - | - | - | 20 |
| 4 | Burn Injury | - | - | - | 1 | - | - | 1 |
| 5 | Cancer | - | - | 1 | 1 | - | 1 | 3 |
| 6 | Diarrhea | 5 | 9 | - | 1 | - | - | 15 |
| 7 | Eye | 1 | 2 | - | - | - | - | 3 |
| 8 | Eye | 1 | - | - | - | - | - | 1 |
| 9 | Fever | 39 | 55 | 12 | 6 | 1 | - | 113 |
| 10 | Fracture | 1 | 1 | - | 1 | 1 | - | 4 |
| 11 | Gastric | 5 | 14 | 6 | - | - | - | 25 |
| 12 | GB stone | 1 | 1 | 1 | 1 | - | - | 4 |
| 13 | Heart | 3 | 1 | 1 | - | - | 1 | 6 |
| 14 | Joint Pain | 3 | 9 | 2 | - | - | - | 14 |
| 15 | Jaundice | - | 2 | - | - | - | 1 | 3 |
| 16 | Leprosy | 2 | - | - | - | - | - | 2 |
| 17 | Liver Disease | 2 | 1 | 2 | 1 | - | - | 6 |
| 18 | Lungs | - | 1 | - | - | - | - | 1 |
| 19 | Malaria | 16 | 110 | 27 | 3 | - | - | 156 |
| 20 | O&G | 1 | 3 | 1 | 2 | 1 | - | 8 |
| 21 | Others | 6 | 14 | 5 | 4 | 1 | - | 30 |
| 22 | Pain | 1 | 2 | - | - | - | - | 3 |
| 23 | Paralysis | 1 | 3 | 1 | 2 | 1 | 2 | 10 |
| 24 | Skin | 1 | - | 1 | - | - | - | 2 |
| 25 | Stomach | 12 | 20 | 6 | - | - | - | 38 |
| 26 | Sugar | 1 | 7 | - | 1 | - | 1 | 10 |
| 27 | TB | 3 | 1 | 1 | - | - | - | 5 |
| 28 | Typhoid | - | 4 | 2 | 1 | - | - | 7 |
| 29 | Urinary | - | - | - | 2 | 1 | - | 3 |
| 30 | Vomiting | 2 | - | - | 1 | - | - | 3 |
| Total | | 117 | 281 | 81 | 30 | 6 | 6 | 521 |

Table 16b: Distribution of individuals hospitalized during last 365 days by duration (in %)

| No. | Ailments / duration of stay | Duration of hospitalization (in days) (in %) | | | | | | Total |
|-----|-----------------------------|--|-------------|-------------|------------|------------|------------|--------------|
| | | Up to 2 | 3 to 6 | 7 to 10 | 11 to 20 | 21 to 30 | 30 & above | |
| 1 | Accident | 29.4 | 35.3 | 23.5 | 11.8 | - | - | 100.0 |
| 2 | Asthma | 12.5 | 37.5 | 5.0 | - | - | - | 100.0 |
| 3 | BP | 20.0 | 6.0 | 2.0 | - | - | - | 100.0 |
| 4 | Burn Injury | 0.0 | - | - | 1.0 | - | - | 100.0 |
| 5 | Cancer | 0.0 | - | 33.3 | 33.3 | - | 33.3 | 100.0 |
| 6 | Diarrhea | 33.3 | 6.0 | - | 6.7 | - | - | 100.0 |
| 7 | Eye | 33.3 | 66.7 | - | - | - | - | 100.0 |
| 8 | Eye | 100.0 | - | - | - | - | - | 100.0 |
| 9 | Fever | 34.5 | 48.7 | 1.6 | 5.4 | 0.9 | - | 100.0 |
| 10 | Fracture | 25.0 | 25.0 | - | 25.0 | 25.0 | - | 100.0 |
| 11 | Gastric | 20.0 | 56.0 | 24.0 | - | - | - | 100.0 |
| 12 | GB stone | 25.0 | 25.0 | 25.0 | 25.0 | - | - | 100.0 |
| 13 | Heart | 50.0 | 16.7 | 16.7 | - | - | 16.7 | 100.0 |
| 14 | Joint Pain | 21.4 | 64.3 | 14.3 | - | - | - | 100.0 |
| 15 | Jaundice | 0.0 | 66.7 | - | - | - | 33.3 | 100.0 |
| 16 | Leprosy | 100.0 | - | - | - | - | - | 100.0 |
| 17 | Liver Disease | 33.3 | 16.7 | 33.3 | 16.7 | - | - | 100.0 |
| 18 | Lungs | 0.0 | 1.0 | - | - | - | - | 100.0 |
| 19 | Malaria | 10.3 | 7.5 | 17.4 | 1.9 | - | - | 100.0 |
| 20 | O&G | 12.5 | 37.5 | 12.5 | 25.0 | 12.5 | - | 100.0 |
| 21 | Others | 20.0 | 46.7 | 16.7 | 13.3 | 3.3 | - | 100.0 |
| 22 | Pain | 33.3 | 66.7 | - | - | - | - | 100.0 |
| 23 | Paralysis | 10.0 | 3.0 | 1.0 | 2.0 | 1.0 | 2.0 | 100.0 |
| 24 | Skin | 50.0 | - | 5.0 | - | - | - | 100.0 |
| 25 | Stomach | 31.6 | 52.6 | 15.8 | - | - | - | 100.0 |
| 26 | Sugar | 10.0 | 7.0 | - | 1.0 | - | 1.0 | 100.0 |
| 27 | TB | 60.0 | 2.0 | 2.0 | - | - | - | 100.0 |
| 28 | Typhoid | 0.0 | 57.1 | 28.6 | 14.3 | - | - | 100.0 |
| 29 | Urinary | 0.0 | - | - | 66.7 | 33.3 | - | 100.0 |
| 30 | Vomiting | 66.7 | - | - | 33.3 | - | - | 100.0 |
| | Total | 22.5 | 53.9 | 15.5 | 5.8 | 1.2 | 1.2 | 100.0 |

Table 17a: Distribution of expenditures for service during hospitalization by type of provider

| Provider / Amount | Expenditure for service during hospitalization (In Rs.) | | | | | | | | | | | | Total patients |
|-------------------|---|------|-----------|------|------------|------|-------------|-----|--------------|------|--------------|-----|----------------|
| | Nil | | Up to 100 | | 101 to 500 | | 501 to 1001 | | 1001 to 5000 | | 5000 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 414 | 84.5 | 42 | 8.6 | 30 | 6.1 | 1 | 0.2 | 2 | 0.4 | 1 | 0.2 | 490 |
| Private | 10 | 34.5 | 4 | 13.8 | 6 | 20.7 | 1 | 3.4 | 6 | 20.7 | 2 | 6.9 | 29 |
| Informal | 1 | 50 | - | - | - | - | - | - | 1 | 50 | - | - | 2 |
| Total | 425 | 81.6 | 46 | 8.8 | 36 | 6.9 | 2 | 0.4 | 9 | 1.7 | 3 | 0.6 | 521 |

Table 17b: Distribution of expenditures for diagnostic done inside hospital during hospitalization by type of provider

| Provider / Amount | Expenditure for diagnostic done inside hospital during hospitalization (In Rs.) | | | | | | | | | | | Total patients |
|-------------------|---|------|-----------|-----|------------|-----|-------------|-----|--------------|-----|-----|----------------|
| | Nil | | Up to 200 | | 201 to 500 | | 501 to 1001 | | 1001 to 5000 | | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | | |
| Public | 471 | 96.1 | 11 | 2.2 | 3 | 0.6 | 2 | 0.4 | 3 | 0.6 | 490 | |
| Private | 26 | 89.7 | - | - | 1 | 3.4 | - | - | 2 | 6.9 | 29 | |
| Informal | 2 | 100 | - | - | - | - | - | - | - | - | 2 | |
| Total | 499 | 95.8 | 11 | 2.1 | 4 | 0.8 | 2 | 0.4 | 5 | 1 | 521 | |

Table 17c: Distribution of expenditures for diagnostic done outside hospital during hospitalization by type of provider

| Provider / Amount | Expenditure for diagnostic done outside hospital during hospitalization (In Rs.) | | | | | | | | | | | Total patients |
|-------------------|--|------|-----------|------|------------|-----|-------------|-----|--------------|------|-----|----------------|
| | Nil | | Up to 200 | | 201 to 500 | | 501 to 1001 | | 1001 to 5000 | | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | | |
| Public | 378 | 77.1 | 54 | 11 | 38 | 7.8 | 8 | 1.6 | 12 | 2.4 | 490 | |
| Private | 13 | 44.8 | 7 | 24.1 | | 0 | 2 | 6.9 | 7 | 24.1 | 29 | |
| Informal | 2 | 100 | | 0 | | 0 | | 0 | | 0 | 2 | |
| Total | 393 | 75.4 | 61 | 11.7 | 38 | 7.3 | 10 | 1.9 | 19 | 3.6 | 521 | |

Table 17d: Distribution of expenditures for diagnostic services during hospitalization by type of provider

| Provider / Amount | Expenditure for total diagnostic during hospitalization (In Rs.) | | | | | | | | | | | | |
|-------------------|--|------|-----------|------|------------|-----|-------------|-----|--------------|------|--------------|------|----------------|
| | Nil | | Up to 200 | | 201 to 500 | | 501 to 1001 | | 1001 to 5000 | | 5000 & above | | Total patients |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 362 | 73.9 | 63 | 12.9 | 41 | 8.4 | 10 | 2 | 13 | 2.7 | 1 | 0.2 | 490 |
| Private | 10 | 34.5 | 7 | 24.1 | 1 | 3.4 | 2 | 6.9 | 5 | 17.2 | 4 | 13.8 | 29 |
| Informal | 2 | 100 | | 0 | | 0 | | 0 | | 0 | | 0 | 2 |
| Total | 374 | 71.8 | 70 | 13.4 | 42 | 8.1 | 12 | 2.3 | 18 | 3.5 | 5 | 1 | 521 |

Table 17e: Distribution of expenditures for medicine purchased from hospital during hospitalization by type of provider

| Provider / Amount | Expenditure for Medicine purchased from hospital during hospitalization (In Rs.) | | | | | | | | |
|-------------------|--|------|-----------|-----|-------------|-----|--------------|-----|----------------|
| | Nil | | Up to 500 | | 501 to 1000 | | 1001 to 5000 | | Total patients |
| | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 473 | 96.5 | 9 | 1.8 | 4 | 0.8 | 4 | 0.8 | 490 |
| Private | 27 | 93.1 | | 0 | | 0 | 2 | 6.9 | 29 |
| Informal | 2 | 100 | | 0 | | 0 | | 0 | 2 |
| Total | 502 | 96.4 | 9 | 1.7 | 4 | 0.8 | 6 | 1.2 | 521 |

Table 17f: Distribution of expenditures for medicine purchased from outside during hospitalization by type of provider

| Provider / Amount | Expenditure for Medicine purchased from outside during hospitalization (In Rs.) | | | | | | | | | | | | |
|-------------------|---|------|-----------|------|-------------|------|--------------|------|---------------|------|---------------|------|----------------|
| | Nil | | Up to 500 | | 501 to 1000 | | 1001 to 5000 | | 5001 to 10000 | | 10000 & above | | Total patients |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 104 | 21.2 | 113 | 23.1 | 94 | 19.2 | 160 | 32.7 | 14 | 2.9 | 5 | 1 | 490 |
| Private | 8 | 27.6 | 4 | 13.8 | 2 | 6.9 | 7 | 24.1 | 3 | 10.3 | 5 | 17.2 | 29 |
| Informal | 1 | 50 | | 0 | | 0 | 1 | 50 | | 0 | | 0 | 2 |
| Total | 113 | 21.7 | 117 | 22.5 | 96 | 18.4 | 168 | 32.2 | 17 | 3.3 | 10 | 1.9 | 521 |

Table 17g: Distribution of expenditures for medicine purchased during hospitalization by type of provider

| Provider / Amount | Expenditure for Total Medicine during hospitalization (In Rs.) | | | | | | | | | | | | Total patients |
|-------------------|--|------|-----------|------|-------------|------|--------------|------|---------------|------|---------------|------|----------------|
| | Nil | | Up to 500 | | 501 to 1000 | | 1001 to 5000 | | 5001 to 10000 | | 10000 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 95 | 19.4 | 113 | 23.1 | 100 | 20.4 | 163 | 33.3 | 14 | 2.9 | 5 | 1 | 490 |
| Private | 6 | 20.7 | 4 | 13.8 | 2 | 6.9 | 9 | 31 | 3 | 10.3 | 5 | 17.2 | 29 |
| Informal | 1 | 50 | | 0 | | 0 | 1 | 50 | | 0 | | 0 | 2 |
| Total | 102 | 19.6 | 117 | 22.5 | 102 | 19.6 | 173 | 33.2 | 17 | 3.3 | 10 | 1.9 | 521 |

Table 17h: Distribution of expenditures for lodging during hospitalization by type of provider

| Provider / Amount | Expenditure for Lodging during hospitalization (In Rs.) | | | | | | | | | | | | Total patients |
|-------------------|---|------|-----------|------|-------------|------|--------------|------|---------------|-----|---------------|-----|----------------|
| | Nil | | Up to 500 | | 501 to 1000 | | 1001 to 5000 | | 5001 to 10000 | | 10000 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 228 | 46.5 | 193 | 39.4 | 40 | 8.2 | 27 | 5.5 | | 0 | 2 | 0.4 | 490 |
| Private | 13 | 44.8 | 5 | 17.2 | 3 | 10.3 | 5 | 17.2 | 2 | 6.9 | 1 | 3.4 | 29 |
| Informal | 2 | 100 | | | | | | | | | | | 2 |
| Total | 243 | 46.6 | 198 | 38 | 43 | 8.3 | 32 | 6.1 | 2 | 0.4 | 3 | 0.6 | 521 |

Table 17i: Distribution of expenditures for informal payments during hospitalization by type of provider

| Provider / Amount | Expenditure for informal payments (In Rs.) | | | | | | | | | | Total patients |
|-------------------|--|------|-----------|-----|-------------|-----|--------------|-----|---------------|-----|----------------|
| | Nil | | Up to 500 | | 501 to 1000 | | 1001 to 5000 | | 5001 to 10000 | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 470 | 95.9 | 9 | 1.8 | 10 | 2 | | 0 | 1 | 0.2 | 490 |
| Private | 26 | 89.7 | 2 | 6.9 | | 0 | 1 | 3.4 | | 0 | 29 |
| Informal | 1 | 50 | | 0 | | 0 | | 0 | 1 | 50 | 2 |
| Total | 497 | 95.4 | 11 | 2.1 | 10 | 1.9 | 1 | 0.2 | 2 | 0.4 | 521 |

Table 17j: Distribution of total expenditures during hospitalization by type of provider

| Provider / Amount | Total Expenditure (In Rs.) | | | | | | | | | | | | Grand Total |
|-------------------|----------------------------|------|------------|------|--------------|------|---------------|------|----------------|------|---------------|-----|-------------|
| | Nil | | Up to 1000 | | 1001 to 5000 | | 5001 to 10000 | | 10001 to 50000 | | 50000 & above | | |
| | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | No. | PC | |
| Public | 16 | 3.3 | 217 | 44.3 | 217 | 44.3 | 27 | 5.5 | 13 | 2.7 | | | 490 |
| Private | 3 | 10.3 | 6 | 20.7 | 6 | 20.7 | 3 | 10.3 | 10 | 34.5 | 1 | 3.4 | 29 |
| Informal | | | | | 2 | 100 | | | | | | | 2 |
| Total | 19 | 3.6 | 223 | 42.8 | 225 | 43.2 | 30 | 5.8 | 23 | 4.4 | 1 | 0.2 | 521 |

Table 18a: Distribution of average actual expenditures during hospitalization by type of provider

| Expenditure head / Type of provider | Informal | Private | Public | Total |
|--|---------------|----------------|---------------|---------------|
| Service | 750.0 | 1655.9 | 88.8 | 178.6 |
| Expenditure for diagnostic done inside hospital | 0.0 | 581.0 | 20.1 | 51.3 |
| Expenditure for diagnostic done outside hospital | 0.0 | 11402.4 | 140.2 | 766.5 |
| Expenditure for total diagnostic | 0.0 | 11983.4 | 160.3 | 817.8 |
| Expenditure for Medicine purchased from hospital | 0.0 | 93.1 | 32.9 | 36.1 |
| Expenditure for Medicine purchased from outside | 1000.0 | 4784.5 | 1414.5 | 1600.5 |
| Expenditure for Total Medicine | 1000.0 | 4877.6 | 1447.4 | 1636.6 |
| Expenditure for Lodging | 0.0 | 2012.1 | 359.3 | 449.9 |
| Expenditure for informal payments | 1500.0 | 44.8 | 13.7 | 21.2 |
| Total Expenditure | 3750.0 | 20119.0 | 2128.2 | 3135.9 |

Table 18b: Distribution of average actual expenditures on Service fee, Medicine and Diagnostics during hospitalization by type of diseases

| Ailments wise average expenditures on Service fee, Medicine and Diagnostics | | |
|--|----------------------------|-----------------------|
| Diseases | Expenditures in Rs. | Total patients |
| Accident | 5981 | 17 |
| Asthma | 2501 | 8 |
| BP | 1119 | 20 |
| Burn Injury | 1000 | 1 |
| Cancer | 26000 | 3 |
| Diarrhea | 687 | 15 |
| Eye | 5667 | 3 |
| Eye | 0 | 1 |
| Fever | 1166 | 113 |
| Fracture | 3625 | 4 |
| Gastric | 1343 | 25 |
| GB stone | 1120 | 4 |
| Heart | 51908 | 6 |
| Joint Pain | 3164 | 14 |
| Jaundice | 3867 | 3 |
| Leprosy | 250 | 2 |
| Liver Disease | 6678 | 6 |
| Lungs | 1950 | 1 |
| Malaria | 840 | 156 |
| O&G | 10331 | 8 |
| Others | 3808 | 30 |
| Pain | 1517 | 3 |
| Paralysis | 5290 | 10 |
| Skin | 900 | 2 |
| Stomach | 1689 | 38 |
| Sugar | 2196 | 10 |
| TB | 674 | 5 |
| Typhoid | 1897 | 7 |
| Urinary | 9287 | 3 |
| Vomiting | 3133 | 3 |
| Total | 2633 | 521 |

Table 18c: Distribution of actual expenditures during hospitalization by type of provider and insurance cover

| Expenditures on per patients in IPD in last 365 days (in Rs.) | | | | | |
|--|-------------------------|---------------------|------------------------|-----------------------|-----------------------|
| Status of Insurance | Service provider | Service fees | Diagnostic cost | Medicines cost | Total patients |
| RSBY | Informal | 0 | 0 | 2000 | 1 |
| | Private | 2538 | 2329 | 5608 | 12 |
| | Public | 134 | 60 | 1281 | 234 |
| | Sub -Total | 251 | 170 | 1494 | 247 |
| Others | Private | 150 | 0 | 700 | 2 |
| | Public | 109 | 159 | 1659 | 17 |
| | Sub -Total | 113 | 143 | 1558 | 19 |
| No | Informal | 1500 | 0 | 0 | 1 |
| | Private | 1151 | 21305 | 4850 | 15 |
| | Public | 43 | 259 | 1595 | 239 |
| | Sub -Total | 114 | 1496 | 1781 | 255 |
| Average total expenditure | | 179 | 818 | 1637 | 521 |

Expenditures during pregnancy, delivery and PNC

Table 20a: Distribution of expenditures during ANC, Delivery & PNC

| Average Expenditures per women during pregnancy and delivery | | |
|---|---------------------|-----------------|
| Period | Services | Amount (in Rs.) |
| ANC | Service fee | 247.3 |
| | Diagnostic charges | 54.2 |
| | Transportation cost | 885.4 |
| | Medicines cost | 909.7 |
| | Inf. Pay ANC | 78.2 |
| Total | | 2174.8 |
| Delivery | Service fee | 621.5 |
| | Diagnostic charges | 348.6 |
| | Transportation cost | 1006.6 |
| | Medicines cost | 1917.9 |
| | Inf. Pay ANC | 213.8 |
| Total | | 4108.3 |
| Total | Service fee | 868.8 |
| | Diagnostic charges | 402.8 |
| | Transportation cost | 1892.0 |
| | Medicines cost | 2827.6 |
| | Inf. Pay ANC | 292.0 |
| Total | | 6283.2 |

Table 20a: Distribution of expenditures during Delivery & PNC by insurance coverage

| Expenditures during Delivery & PNC (in Rs.) | | | | | | |
|---|------------------|--------------|-----------------|----------------|---------------------|---------------|
| Status of Insurance | Service provider | Service fees | Diagnostic cost | Medicines cost | Transportation cost | Total mothers |
| RSBY | Home | 487 | 50 | 195 | 85 | 32 |
| | Private | 5100 | 160 | 1800 | 3100 | 7 |
| | Public | 261 | 298 | 2712 | 1216 | 80 |
| | Total | 451 | 224 | 1969 | 942 | 119 |
| Others | Private | 3673 | 1850 | 3300 | 7600 | 1 |
| | Public | 530 | 1240 | 3340 | 2440 | 5 |
| | Total | 1054 | 1342 | 3333 | 3300 | 6 |
| No | Home | 285 | 111 | 733 | 168 | 22 |
| | Private | 6771 | 2650 | 6871 | 6133 | 2 |
| | Public | 349 | 288 | 1803 | 784 | 53 |
| | Total | 710 | 379 | 1813 | 933 | 77 |
| Average total expenditure | | 621 | 349 | 1918 | 1007 | 202 |

Table 21: Distribution of expenditures during ANC by different categories of amount

| Expenditures during ANC | | | | | | | | | | |
|------------------------------|-------------|-------|--------------------|-------|---------------------|-------|----------------|-------|--------------|-------|
| Amount (in Rs.)/ Services | Service fee | | Diagnostic charges | | Transportation cost | | Medicines cost | | Inf. Pay ANC | |
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| Nil | 122 | 60.4 | 194 | 96.0 | 73 | 36.1 | 59 | 29.2 | 154 | 76.2 |
| UP to 100 | 29 | 14.4 | - | - | 3 | 1.5 | 2 | 1.0 | 7 | 3.5 |
| 101 to 500 | 29 | 14.4 | 1 | 0.5 | 68 | 33.7 | 49 | 24.3 | 38 | 18.8 |
| 501 to 1000 | 8 | 4.0 | 4 | 2.0 | 32 | 15.8 | 38 | 18.8 | 3 | 1.5 |
| 1001 to 5000 | 14 | 6.9 | 3 | 1.5 | 20 | 9.9 | 49 | 24.3 | - | - |
| 5001 to 10000 | - | - | - | - | 4 | 2.0 | 5 | 2.5 | - | - |
| 10000 & above | - | - | - | - | 2 | 1.0 | - | - | - | - |
| Total | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 |

Table 22: Distribution of expenditures during delivery & PNC by different categories of amount

| Expenditures during Delivery & PNC | | | | | | | | | | |
|------------------------------------|-------------|-------|--------------------|-------|---------------------|-------|----------------|-------|--------------|-------|
| Amount (in Rs.)/ Services | Service fee | | Diagnostic charges | | Transportation cost | | Medicines cost | | Inf. Pay ANC | |
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| Nil | 94 | 46.5 | 130 | 64.4 | 42 | 20.8 | 41 | 20.3 | 154 | 76.2 |
| UP to 500 | 67 | 33.2 | 19 | 9.4 | 56 | 27.7 | 33 | 16.3 | 28 | 13.9 |
| 501 to 1000 | 17 | 8.4 | 35 | 17.3 | 62 | 30.7 | 28 | 13.9 | 6 | 3.0 |
| 1001 to 5000 | 17 | 8.4 | 17 | 8.4 | 33 | 16.3 | 78 | 38.6 | 14 | 6.9 |
| 5001 to 10000 | 5 | 2.5 | 1 | 0.5 | 9 | 4.5 | 16 | 7.9 | - | - |
| 10000 to 20000 | 2 | 1.0 | - | - | - | - | 6 | 3.0 | - | - |
| Total | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 |

Table 22: Distribution of total expenditures during ANC, delivery & PNC by different categories of amount

| Total Expenditures during ANC, Delivery & PNC | | | | | | | | | | |
|---|-------------|-------|--------------------|-------|---------------------|-------|----------------|-------|--------------|-------|
| Amount (in Rs.)/ Services | Service fee | | Diagnostic charges | | Transportation cost | | Medicines cost | | Inf. Pay ANC | |
| | No. | % | No. | % | No. | % | No. | % | No. | % |
| Nil | 92 | 45.5 | 130 | 64.4 | 42 | 20.8 | 41 | 20.3 | 152 | 75.2 |
| UP to 500 | 50 | 24.8 | 19 | 9.4 | 31 | 15.3 | 14 | 6.9 | 9 | 4.5 |
| 501 to 1000 | 32 | 15.8 | 33 | 16.3 | 35 | 17.3 | 22 | 10.9 | 22 | 10.9 |
| 1001 to 5000 | 20 | 9.9 | 19 | 9.4 | 73 | 36.1 | 89 | 44.1 | 19 | 9.4 |
| 5001 to 10000 | 3 | 1.5 | 1 | 0.5 | 12 | 5.9 | 24 | 11.9 | - | - |
| 10000 to 20000 | 5 | 2.5 | - | - | 7 | 3.5 | 12 | 5.9 | - | - |
| 20000 & above | - | - | - | - | 2 | 1.0 | - | - | - | - |
| Total | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 | 202 | 100.0 |

Table 23: Distribution of service fee during delivery & PNC by type of provider

| Service fee | Expenditures during delivery & PNC by place of delivery | | | | | | | |
|----------------|---|------|---------|-----|--------|------|-------|-------|
| | Home | | Private | | Public | | Total | |
| | No. | % | No. | % | No. | % | No. | % |
| Nil | 20 | 9.9 | - | - | 74 | 36.6 | 94 | 46.5 |
| UP to 500 | 24 | 11.9 | - | - | 43 | 21.3 | 67 | 33.2 |
| 501 to 1000 | 5 | 2.5 | - | - | 12 | 5.9 | 17 | 8.4 |
| 1001 to 5000 | 5 | 2.5 | 5 | 2.5 | 7 | 3.5 | 17 | 8.4 |
| 5001 to 10000 | - | - | 3 | 1.5 | 2 | 1.0 | 5 | 2.5 |
| 10000 to 20000 | - | - | 2 | - | - | - | 2 | 1.0 |
| Total | 54 | 26.7 | 10 | 5.0 | 138 | 68.3 | 202 | 100.0 |

Table 23a: Distribution of service fee during delivery & PNC by type of provider

| Diagnostic charges | Expenditures during delivery & PNC by place of delivery | | | | | | | |
|--------------------|---|------|---------|-----|--------|------|-------|-------|
| | Home | | Private | | Public | | Total | |
| | No. | % | No. | % | No. | % | No. | % |
| Nil | 48 | 23.8 | 3 | 1.5 | 79 | 39.1 | 130 | 64.4 |
| UP to 500 | 2 | 1.0 | 1 | 0.5 | 16 | 7.9 | 19 | 9.4 |
| 501 to 1000 | 3 | 1.5 | 1 | 0.5 | 31 | 15.3 | 35 | 17.3 |
| 1001 to 5000 | 1 | 0.5 | 4 | 2.0 | 12 | 5.9 | 17 | 8.4 |
| 5001 to 10000 | - | - | 1 | 0.5 | - | - | 1 | 0.5 |
| Total | 54 | 26.7 | 10 | 5.0 | 138 | 68.3 | 202 | 100.0 |

Table 23b: Distribution of diagnostic charges during delivery & PNC by type of provider

| Transportation cost | Expenditures during delivery & PNC by place of delivery | | | | | | | |
|---------------------|---|------|---------|-----|--------|------|-------|-------|
| | Home | | Private | | Public | | Total | |
| | No. | % | No. | % | No. | % | No. | % |
| Nil | 32 | 15.8 | - | - | 10 | 5.0 | 42 | 20.8 |
| UP to 500 | 20 | 9.9 | - | - | 36 | 17.8 | 56 | 27.7 |
| 501 to 1000 | 1 | 0.5 | - | - | 61 | 30.2 | 62 | 30.7 |
| 1001 to 5000 | 1 | 0.5 | 5 | 2.5 | 27 | 13.4 | 33 | 16.3 |
| 5001 to 10000 | - | - | 5 | 2.5 | 4 | 2.0 | 9 | 4.5 |
| Total | 54 | 26.7 | 10 | 5.0 | 138 | 68.3 | 202 | 100.0 |

Table 23c: Distribution of diagnostic charges during delivery & PNC by type of provider

| Medicines cost | Expenditures during delivery & PNC by place of delivery | | | | | | | |
|----------------|---|------|---------|-----|--------|------|-------|-------|
| | Home | | Private | | Public | | Total | |
| | No. | % | No. | % | No. | % | No. | % |
| Nil | 34 | 16.8 | - | - | 7 | 3.5 | 41 | 20.3 |
| UP to 500 | 9 | 4.5 | 1 | 0.5 | 23 | 11.4 | 33 | 16.3 |
| 501 to 1000 | 5 | 2.5 | - | - | 23 | 11.4 | 28 | 13.9 |
| 1001 to 5000 | 4 | 2.0 | 5 | 2.5 | 69 | 34.2 | 78 | 38.6 |
| 5001 to 10000 | 2 | 1.0 | 2 | 1.0 | 12 | 5.9 | 16 | 7.9 |
| 10000 to 20000 | - | - | 2 | 1.0 | 4 | 2.0 | 6 | 3.0 |
| Total | 54 | 26.7 | 10 | 5.0 | 138 | 68.3 | 202 | 100.0 |

Table 23d: Distribution of medicines cost during delivery & PNC by type of provider

| Inf. Pay ANC | Expenditures during delivery & PNC by place of delivery | | | | | | | |
|--------------|---|------|---------|-----|--------|------|-------|-------|
| | Home | | Private | | Public | | Total | |
| | No. | % | No. | % | No. | % | No. | % |
| Nil | 48 | 23.8 | 7 | 3.5 | 99 | 49.0 | 154 | 76.2 |
| UP to 500 | 3 | 1.5 | 2 | 1.0 | 23 | 11.4 | 28 | 13.9 |
| 501 to 1000 | 2 | 1.0 | - | - | 4 | 2.0 | 6 | 3.0 |
| 1001 to 5000 | 1 | 0.5 | 1 | 0.5 | 12 | 5.9 | 14 | 6.9 |
| Total | 54 | 26.7 | 10 | 5.0 | 138 | 68.3 | 202 | 100.0 |

Table 23e: Distribution of medicines cost during delivery & PNC by type of provider

| Total | Expenditures during delivery & PNC by place of delivery | | | | | | | |
|----------------|---|------|---------|-----|--------|------|-------|-------|
| | Home | | Private | | Public | | Total | |
| | No. | % | No. | % | No. | % | No. | % |
| Nil | 8 | 4.0 | - | - | 1 | 0.5 | 9 | 4.5 |
| UP to 500 | 18 | 8.9 | - | - | 8 | 4.0 | 26 | 12.9 |
| 501 to 1000 | 14 | 6.9 | - | - | 13 | 6.4 | 27 | 13.4 |
| 1001 to 5000 | 12 | 5.9 | - | - | 80 | 39.6 | 92 | 45.5 |
| 5001 to 10000 | 1 | 0.5 | 2 | 1.0 | 24 | 11.9 | 27 | 13.4 |
| 10000 to 20000 | 1 | 0.5 | 3 | 1.5 | 10 | 5.0 | 14 | 6.9 |
| Above 20000 | - | - | 5 | 2.5 | 2 | 1.0 | 7 | 3.5 |
| Total | 54 | 26.7 | 10 | 5.0 | 138 | 68.3 | 202 | 100.0 |

ANNEXURE 1 : Sample village list of Dhalai District

| Sl. | Block Name | Name of GP/Village | Type | Population | From different Strata | Sample Villages |
|-----|------------------|---------------------|------|------------|-----------------------|-----------------|
| 1 | Ambassa | Paschim Balaram | GP | 995 | 1 | 1 |
| 2 | Durga Chowmuhani | Shibbari | ADC | 1557 | 2 | 1 |
| 3 | Ambassa | Paschim Lalchari | GP | 1498 | 2 | 2 |
| 4 | Ambassa | Jagannathpur | ADC | 1821 | 2 | 3 |
| 5 | Chamanu | Purba Chawmanu | ADC | 1537 | 2 | 4 |
| 6 | Salema | Paschim Dalucherra | GP | 2034 | 3 | 1 |
| 7 | Salema | Dakshin Kachucherra | ADC | 2887 | 3 | 2 |
| 8 | Durga Chowmuhani | Bamancherra | GP | 4186 | 3 | 3 |
| 9 | Durga Chowmuhani | Halahali | GP | 4225 | 3 | 4 |
| 10 | Durga Chowmuhani | Mahabir | GP | 2447 | 3 | 5 |
| 11 | Durga Chowmuhani | Baligaon | GP | 3051 | 3 | 6 |
| 12 | Ambassa | Lalchhari | ADC | 2162 | 3 | 7 |
| 13 | Manu | Dakshin Dhumacherra | ADC | 3639 | 3 | 8 |

| | | | | | | |
|----|--------------------|-----------------|-----|-------|---|----|
| 14 | Manu | Labancherra | ADC | 3275 | 3 | 9 |
| 15 | Manu | Pur.Karamcherra | ADC | 2710 | 3 | 10 |
| 16 | Chamanu | Devacherra | ADC | 2266 | 3 | 11 |
| 17 | Chamanu | Rajdhar | ADC | 3160 | 3 | 12 |
| 18 | Dumburnagar | Kalajhari | ADC | 3420 | 3 | 13 |
| 19 | Dumburnagar | Sarma | ADC | 4864 | 3 | 14 |
| 20 | Raishyabari | Tuichakma | ADC | 4509 | 3 | 15 |
| 21 | Manu | Lalcherra | ADC | 6245 | 4 | 16 |
| 22 | Dumburnagar | Gandacherra | ADC | 10097 | 4 | 17 |
| 23 | Manu | Jamircherra | ADC | 6006 | 4 | 1 |
| 24 | Kamalpur NP | Ward-VI | NP | 992 | 1 | 1 |
| 25 | Kamalpur NP | Ward-V | NP | 1002 | 2 | 1 |