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CHAPTER - I

1.1 Introduction:

Bhutan Living Standard Survey (BLSS) 2003 is a nation-wide survey of households undertaken by the National Statistical Bureau. BLSS 2003 is an improved version of the Pilot Household Income and Expenditure Survey (HIES) 2000. The BLSS followed the LSMS methodology developed by researchers at the World Bank. However, based on the unsatisfactory income data as evidence from the HIES 2000 the survey was designed to collect only consumption expenditure from the household to assess people's well-being and to construct comprehensive poverty profile for the country. Apart from collecting basic information about each household, the BLSS collected information on housing, employment, health status, fertility, education, access to public facilities, assets ownership, accompanied by a community questionnaire aimed at collecting information on service provision and prices of commodities. The information collected in the survey will enable the government to assess the effectiveness of the present policies and programmes on the living conditions of different sections of population and identify households that need assistance to formulate specific policies and programmes.

1.2 Objectives of the BLSS:

The broad objective of the survey was to collect detailed information about the economic and social conditions of households. Besides, the survey also addressed the following specific objectives:

- To provide useful inputs for the compilation of national accounts of the household sector as well as statistics of household expenditure and consumption pattern.
- To provide benchmark information on household consumption expenditure to update weights required in the rebasing of consumer price indices.
- To provide inputs in the estimation of the poverty profile for the country and various poverty indicators.

1.3 Scope and Coverage:

The BLSS collected data on

- Household assets, housing, consumption expenditure and access to utilities
- Demographic characteristics of the household members
- Health, education and employment status of all household members
- Remittances sent by the household
- Prices of different commodities paid in the local market

The geographical coverage extended over the entire area of Bhutan excepting a few satellite towns, which are neither identified as urban areas nor under the administrative control of gups and chupen in the rural areas. Also due to security reasons the rural area in Sarpang and Samdrup Jongkhar Dzongkhags were not covered in the survey. Therefore, the BLSS covered 86 gewogs from eighteen Dzongkhags and 27 urban settlements including the towns of Sarpang, Gelephug and Samdrup Jongkhar.

The population coverage included all households in the country except the following:

- Diplomatic and expatriates households
- Residents of hotels, boarding and lodging houses, monasteries, nunneries, school hostels, orphanages, rescue homes, and under trails in jails and indoor patients of hospitals, nursing homes and
- Barracks of military and Para-military forces including the police

1.4 Survey Methodology and Sample Design:

The Bhutan Living Standard Survey followed the Living Standard Measurement Survey (LSMS) methodology developed by researchers at the World Bank. The methodology has been customized for Bhutanese population and collected information through an integrated household questionnaire covering consumption, assets, housing, education, health, fertility, accompanied by a community questionnaire aimed at collecting information on services and prices of the common commodities.

The Survey and Data Processing Division of the National Statistical Bureau maintains an updated list of households by gewog for the entire country. Mapping of the urban centers was conducted and a sketch map was drawn for all the urban centers included in the survey prior to the block selection.

The sample size for the BLSS was determined using the information relating to the coefficient of variation (CV) of some key expenditure variables as recommended by the United Nations Statistical Office based on the log-normal distribution of key expenditure variables. Keeping in view the uses of the survey results, it was felt that sampling precision of 5 percent at the national level would serve the purpose of the survey. Taking the assumption, it was derived that n , the sample size required for estimating the population mean y with 95 percent confidence.

$$n = 1600(CV)^2$$

Taking into account of the CV of 1.0492 for the log-normal distribution and design effect of 2 for a stratified multi-stage sampling design, sample size of 4200 distributed to urban and rural with provisions for some non-response households was determined.

In order to get a representative sample of the households the entire country was divided into three regions based on the number of households and their geographic location; namely Western, Central and Eastern.

Western Region:	Thimphu, Paro, Ha, Samtse, Chhukha, Punakha and Gasa
Central Region:	Wangduephodrang, Daga, Tsirang, Sarpang, Zhemgang, Trongsa and Bumthang
East Region:	Lhuntse, Mongar, Pemagatsel, Samdrup Jongkhar, Trashigang and Trashi Yangtse

The different areas were divided into seven strata. Each stratum composed of four urban strata (Thimphu city, rest of Western, Central and Eastern) and three rural strata (Western, Central and Eastern) has been designed to yield 600 households. Two rural areas of Sarpang and Samdrup Jongkhar were dropped out in the sample due to security reasons. The final sample size for the survey was 4120 households. The distribution of the sample household is shown in table 1.1.

Table 1.1: Distribution of sample blocks/gewogs and households by Dzongkhag, by Urban and Rural.

Region	Dzongkhag/Town	Urban		Rural		Total	
		Sample Blocks	Sample Households	Sample Gewogs	Sample Households	Sample Households	
Western	Thimphu	60	600	4	80	680	
	Paro	3	30	4	80	110	
	Haa	2	20	2	40	60	
	Samtse	12	120	10	200	320	
	Chhukha	9	90	6	120	210	
	Phuentsholing	29	290	-	-	290	
	Punakha	4	40	3	60	100	
	Gasa	1	10	1	20	30	
	Total	120	1200	30	600	1800	
Central	Wangduephodrang	14	140	8	160	300	
	Dagana	3	30	6	120	150	
	Tsirang	5	50	6	120	170	
	Sarpang	7	70	Excluded from survey		70	
	Gelephug	21	210			210	
	Zhemgang	4	40	3	60	100	
	Trongsa	3	30	4	80	110	
	Bumthang	3	30	3	60	90	
	Total	60	600	30	600	1200	
	Eastern	Lhuntse	4	40	2	40	80
		Mongar	5	50	7	140	190
		Pemagatshel	5	50	3	60	110
		Samdrup Jongkhar	26	260	Excluded from survey		260
Trashigang		15	150	10	200	350	
Trashigang		5	50	4	80	130	
Total		60	600	26	520	1120	
Grand total		240	2400	86	1720	4120	

The urban areas were divided into number of blocks. Each block was formed with a well-defined boundary and number of households ranging from a low of 100 households to maximum of 300 households. Gewogs in the rural area and blocks in the urban area were treated as enumeration areas and thereby the primary sampling units (PSU). The PSUs were selected based on probability proportional to size for both urban and rural areas. Within the selected PSUs a total of 20 households and 10 households were selected based on systematic circular sampling scheme for the Gewogs and blocks respectively.

1.5 Survey Instruments used

There were four main sets of questionnaires/schedules used for the BLSS 2003, two for the listing of households for the sample selection (one each for urban and rural) and the other two for the collection of data on household consumption expenditure and prices at the community level. The main household questionnaire for the collection of consumption expenditure data was divided into ten homogenous sections, called blocks.

Each block collected detailed information for a specific subject/topic of interest. Some of the blocks were further divided into sub-blocks according to the nature of the topic covered. The list of instruments used for the BLSS 2003 is as shown in the Box 1.

Box 1 list of survey instruments used for the BLSS 2003.

Household listing forms	
Block listing form for urban areas	
Gewog listing form for rural areas	
Household schedule	
Household identification	Block 3 – Assets ownership
Household roster	Block 4 – Access and distance to services
Block 1 – Housing	Block 5 – Remittances sent
Block 2.1 – Demographics	Block 6 – Priorities, opinions & miscellaneous
Block 2.2 – Education	Block 7 – Main source of income
Block 2.3 – Health	Block 8 – Food consumption
Block 2.4 – Employment	Block 9 – Non-food consumption
Block 2.5 – Information on parents	Block 10 – Home produced non-food items
Community and price questionnaire	
(The instruments are presented in annex)	

The Survey and Data Processing Division of the NSB prepared two comprehensive manuals:

- **Interviewer Manual:** this manual was prepared for the enumerators. It contained the basic concepts and definitions of different items of information, procedures for interview and instructions for (i) listing of households, (ii) selection of sample households, and (iii) recording information in each of the blocks and sub-blocks of the questionnaire.
- **Supervisor Manual:** This manual was prepared for the supervisors. The manual provided detailed instructions for (i) undertaking rationalized supervision of fieldwork, (ii) ensuring quality of data and (iii) selection of sample households in the urban and rural area.

In addition to the two important instruction manuals there were few special documents prepared as reference materials for the field operators. The documents included (i) age conversion table from Bhutanese to English, (ii) Unit conversion table from local units to standard international unit, (iii) table of International Standard Industrial classification (ISIC) and International Standard Classification of Occupation (ISOC) codes.

1.6 Reference Period

Keeping in view the data collection technique to be used for the survey different reference periods have been defined for different purposes. To get the population estimates of the sample households the members of the households were identified on the basis of their “usual place of residence”. For the purposes of this survey, “usual” is taken to mean that the person concerned has lived in the household for at least six months of the year. In order to get an estimate of the household’s average food consumption expenditure, a reference periods of last two weeks and a typical month were taken. Although a reference period of last two weeks could have provided a good estimate of the food consumption expenditure the typical month data would substantiate the expenditure by providing data on the consumption of items not available during the last two weeks of the survey period

but the household consumed the items when it was available. The reference period for both durable and non-food items were used as last twelve months

1.7 Training of Supervisory staff and Enumerators:

The NSB then the Central Statistical Office recruited a group of 66 enumerators for conducting the fieldwork of the survey. A majority of the enumerators selected were under graduate who had written the final year examination from Sherubtse college and a few 12th grade students waiting for their scholarship.

The training sessions was divided into two groups. A weeklong training was conducted specifically for the staffs of the NSB who supervised the field operation of the BLSS. The training imparted instructions and skills to carry out the sampling procedures and mapping of the urban centers. It also discussed the questionnaire in detail. The supervisors were also familiarized on the use ISIC and ISOC codes for the industries and occupation respectively.

The enumerators training was conducted from March 26th to 5th April 2003, for two weeks. All the fourteen supervisors were the basic trainers at the program. The survey coordinator ensured that every enumerator and supervisor was provided with the instruction manual and the important documents. The general pattern of the first week training was that after a section of the questionnaire had been presented, using visual aids by the main trainer, the interviewers broke up into pre-assigned groups, under the direction of a supervisor to discuss the section in more detail. The composition of the groups changed from day to day, so that enumerators were forced to interact with as many different interviewers and supervisors as possible. Interviewers took turns in interviewing each other to become familiar with the questionnaire. The problems encountered were discussed in plenary session and resolved before moving on to the next section.

At the end of each day's training every enumerator was asked to collect data for their own household for the completed sections of the questionnaire. The questionnaires filled-in by the enumerators were thoroughly scrutinized by the group supervisors and the problems noted were pointed out to the concerned enumerators and discussed in plenary sessions. A particular day was assigned to conduct a field practice of the household interview. Filled-in questionnaires were collected from the enumerators and checked by the group supervisor to ensure that enumerator completely understood the concepts and data to be collected. The problems were discussed in the question answer sessions.

1.8 Field Operation:

Prior to the field operation the NSB ensured that the public was informed about the BLSS. Public awareness were created through a series of announcement through Bhutan Broadcasting Service radio broadcast and the Kuensel (weekly newspaper), Besides, all the Dzongkhag (district) officers were informed about the time schedule of the BLSS field operation. The NSB also requested the Dzongkhag administration to issue instructions to all Gewog (block) officers to extend full cooperation to the survey team. Each enumerator was given a letter signed by Secretary, Planning Commission introducing him/her and ensuring confidentiality of the information to be provided by the household.

A total of 90 field operators (24 NSB Officials and 66 enumerators) were divided into fourteen teams, each headed by a supervisor and an assistant supervisor. The officials of the NSB were the main supervisors during the field operation. Each team was provided with a vehicle to facilitate smooth field operation. The field operation started on 5th April and was completed on 30th June 2003. The supervisor accompanied the enumerators throughout the survey and conducted field edits. The survey coordinator visited the

teams and verified the problems encountered by the enumerators during the field operation.

1.9 Response Rates:

There were non-responses despite the best efforts made by the enumerators and supervisors. A household was treated as non-response after three revisits. The overall response rate was 97.3 percent with 96.6 percent and 98.1 percent for urban and rural areas respectively. Some of the main reasons reported by the field staff for non-response were failure to establish contact with any adult family member in the household in spite of at least three attempts. This was found common in both urban and rural areas. There were a few cases of refusal to cooperate particularly in the urban areas. In most of the cases the concerned supervisor made sincere efforts to convince the head of the household by explaining the merits of survey results at the end. The head of the household was assured that the data collected would remain confidential and no way their household status be revealed to the public. The response rate for urban and rural areas is shown in table 1.2.

Table 1.2: Sample Size and Response Rate by Urban-Rural

Stratum	Sample Household Planned	Sample Household Canvassed	Rate
Urban	2400	2319	96.6
Rural	1720	1688	98.1
Total	4120	4007	97.3

1.10 Data Processing and Analysis:

After the completion of the field operation the filled-in questionnaires were reviewed by a group of trained manual editors under each supervisor. A manual scrutiny manual was prepared and distributed to the group of manual editors and the supervisors.

The data entry application was designed using CSpro software under the guidance of a technical assistance and the programmers of NSB. The office recruited 15 temporary staffs to carry out the manual scrutiny and data entry. Manual scrutiny and data entry of the BLSS was completed at the end of September 2003. Computer editing, validation of the data and analysis began at the beginning of October 2003.

CHAPTER – II

DEMOGRAPHIC PROFILE OF THE SURVEY POPULATION

2.1 Estimate of survey population

It may be noted that unless otherwise stated the estimate of the population and number of households will refer to “Survey Estimate”. The survey covered a total sample of 4007 households accounting to 19428 persons. Table 2.1: presents the estimate of population by age and sex separately for each of urban, rural and Bhutan. This sample represented a total extrapolated population of 547178 people and 106869 households. This figure is an estimate based on the sample frame, which does not cover whole population of the kingdom. The overall sex ratio of the survey population worked out to 93 males for every 100 females. Of the total survey population 19 percent represented urban.

2.2 Age Dependency Ratio

The age dependency ratio of the surveyed population had been partially based on the United Nations concepts and on the Bhutan civil service rules. The lower age group of the dependent children have been fixed at 14 or less years of age as per UN recommendation and the upper age group have been fixed based on Bhutan Civil Service rules, which states that it is mandatory to retire from the services at sixty years of age. Therefore, the age dependency ratio is defined as the ratio of persons in the “dependent” ages (under 15 and over 60 years of age) to those in the “economically productive “ ages (15 to 59 years of age) in the population. Age dependency ratio indicates the burden that needs to be shouldered by potential working population. Surveyed population by broad age groups in table 2.2 showed that 35 percent of the population is under 15 years of age, 56 per cent of the population in the productive age and 9 per cent above 60 years or more. The overall dependency ratio is 79 with 72 and 80 for urban and rural areas respectively. Table 2.2 show dependency ratio for different areas by sex.

2.3 Household Composition and Relationship to Head

Family ties are very strong in Bhutan and members support one another in times of illness, death and other adversity. Extended family is the predominant system in Bhutan and older persons usually nurture the family and take care of the younger children (CEDAW report). The average size of a household is estimated to be 5.12 with 4.32 and 5.36 for urban and rural areas, respectively. Table 2.3, present the household composition of the surveyed population. The surveyed population showed strong relation with the existing family structure. However, it is seen that trend is slowly changing in the urban areas as evidenced by the lesser percent of household composition with members other than the couple and children.

In Bhutan both men and women who work for the household make most household decisions jointly. These include decisions about education of children, purchase or sale of goods and services and marriages of sons and daughters (CEDAW). However, it has been found that most of the households willingly state the elder member of the family as head. Table 2.4, present the head of households by sex for urban and rural areas and showed that female head constitute about 31 percent. From table 2.5, it could be seen that most of the head of the households are among the active work group between (20 – 59) years of age, constituting more than 75 percent.

Marriages in Bhutan result in the exchange of work force between families. Sons are usually sent out in marriages, while daughters stay home. Daughter’s marriage is considered to bring in an additional worker in the family, most families favour early marriages for girls. Although, many choose their own partners, arranged marriages still occur in rural areas (CEDAW). From table 2.6, it could be seen that marriages below the

age of 15 years of age is almost negligible and exist only with females. Most of the married persons are between (20 – 39) years of age.

Table 2.1: Age-sex distribution of the extrapolated population by Area (Percent)

AGE GROUP	BHUTAN			URBAN			RURAL		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
0 - 4	4.55	4.78	9.33	5.52	5.47	10.99	4.31	4.62	8.93
5 - 9	6.22	5.92	12.14	6.55	6.46	13.01	6.14	5.79	11.93
10 - 14	6.32	7.14	13.46	6.57	7.93	14.50	6.26	6.96	13.22
15 - 19	5.54	5.97	11.51	4.92	6.21	11.13	5.69	5.91	11.60
20 - 24	3.58	4.51	8.08	3.16	5.37	8.53	3.68	4.30	7.98
25 - 29	2.92	4.17	7.08	4.38	6.07	10.45	2.57	3.71	6.28
30 - 34	2.77	3.06	5.83	4.27	3.72	7.99	2.41	2.90	5.31
35 - 39	2.42	3.10	5.52	4.18	3.63	7.81	2.00	2.98	4.98
40 - 45	2.68	2.72	5.40	2.67	2.35	5.02	2.68	2.80	5.48
45 - 49	2.73	2.56	5.29	2.63	1.23	3.86	2.75	2.88	5.63
50 - 54	1.96	2.09	4.05	1.40	0.88	2.27	2.10	2.38	4.48
55 - 59	1.52	1.66	3.18	0.64	0.59	1.23	1.74	1.91	3.65
60 +	4.91	4.21	9.12	1.63	1.59	3.22	5.69	4.84	10.53
Total	48.11	51.89	100.00	48.50	51.50	100.00	48.02	51.98	100.00

Table 2.2: Distribution of Surveyed Population by Broad Age Groups by Sex and Area (percent)

Area / Sex	Age Groups				Dependency
	0 - 14	15 - 59	60+	All ages	Ratio
BHUTAN	34.93	55.95	9.12	100.00	78.73
Male	35.51	54.29	10.21	100.00	84.20
Female	34.39	57.49	8.12	100.00	73.94
URBAN	38.48	58.30	3.22	100.00	71.53
Male	38.40	58.24	3.36	100.00	71.71
Female	38.55	58.36	3.10	100.00	71.36
RURAL	34.08	55.39	10.53	100.00	80.54
Male	34.81	53.34	11.85	100.00	87.49
Female	33.41	57.29	9.30	100.00	74.56

Table 2.3: Distribution of Surveyed Population by Relationship to Head of Household by Area (Percent)

Relation to the head	Bhutan	Urban	Rural
Head	19.53	4.45	15.08
Spouse	14.34	3.54	10.80
Son/daughter	42.13	8.70	33.43
Parents	1.97	0.22	1.75
Brothers/sisters	2.31	0.47	1.84
Nephew/Niece/grand child	12.39	0.73	11.66
In-laws	5.29	0.45	4.84
Other Relatives	2.05	0.68	1.36
All	100.00	19.24	80.76

(In-laws include father/mother in-laws and sister/brother in-laws)

Table 2.4: Distribution of Characteristics of Household head by Area (Percent)

Area	Male Headed Household	Female Headed Household	Total
Bhutan	68.93	31.07	100.00
Urban	19.37	3.43	22.81
Rural	49.56	27.63	77.19
Marital Status			
Never Married	66.90	33.10	100.00
Married	76.43	23.57	100.00
Widowed	32.94	67.06	100.00
Divorced/separated	37.69	62.31	100.00

Table 2.5: Distribution of Head of Household by Age-Sex and Area (percent)

Area/Sex	Age Group in Years				
	All ages	19 or Less	20 – 39	40 – 59	60+
Bhutan	106900	0.19	31.81	44.39	23.60
Male	73700	0.18	32.92	44.21	22.68
Female	33200	0.22	29.35	44.78	25.65
Urban	24400	0.53	60.94	32.70	5.83
Male	20700	0.46	60.48	33.55	5.51
Female	3700	-	63.57	27.90	7.60
Rural	82500	0.09	23.21	47.84	28.86
Male	53000	-	22.15	48.38	29.39
Female	29500	-	25.10	46.88	27.89

Note: “-” indicates a sample estimate less than 100 persons. Estimate not sufficiently reliable because of small number of observations.

Table 2.6a: Distribution of Surveyed Population by Marital Status, by Age and Sex (Percent)

Marital Status	Age Group in Years					
	Total	<15	15-19	20-39	40-59	60+
Both Sexes	100.00	34.93	11.51	26.52	17.92	9.12
Married	100.00	0.20	2.79	45.75	37.01	14.25
Never married	100.00	65.71	19.44	12.35	1.94	0.57
Divorced	100.00	0.08	3.38	53.44	30.62	12.47
Separated	100.00	-	3.60	51.05	26.50	18.84
Widowed	100.00	-	-	5.87	28.84	65.29
MALE	100.00	35.51	11.52	24.28	18.48	10.20
Married	100.00	-	1.48	41.15	39.36	18.01
Never married	100.00	64.76	19.88	12.52	2.19	0.65
Divorced	100.00	-	2.01	27.22	38.94	31.83
Separated	100.00	-	-	34.68	36.09	29.24
Widower	100.00	-	-	3.49	21.82	74.69
FEMALE	100.00	34.39	11.51	28.59	17.40	8.12
Married	100.00	0.38	4.02	50.10	34.80	10.70
Never married	100.00	66.64	19.00	12.17	1.69	0.50
Divorced	100.00	0.11	3.83	62.10	27.88	6.08
Separated	100.00	-	6.02	62.05	20.07	11.86
Widowed	100.00	-	-	6.98	32.12	60.90

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 2.6b: Distribution of Surveyed Population by Marital Status, by Age and Sex (Percent)

Marital Status	Total	Age Group in Years				
		15 or Less	15-19	20-39	40-59	60+
Both Sexes	100.00	100.00	100.00	100.00	100.00	100.00
Married	40.81	0.23	9.88	70.41	84.30	63.75
Never married	53.03	99.77	89.52	24.69	5.74	3.33
Divorced	1.36	-	0.40	2.74	2.32	1.86
Separated	0.64	-	0.20	1.24	0.95	1.33
Widow	4.15	-	-	0.92	6.69	29.73
MALE	100.00	100.00	100.00	100.00	100.00	100.00
Married	41.19	-	5.30	69.79	87.73	72.69
Never married	54.83	100.00	94.58	28.27	6.51	3.49
Divorced	0.70	-	0.12	0.79	1.48	2.18
Separated	0.54	-	-	0.77	1.05	1.54
Widower	2.75	-	-	0.39	3.24	20.09
FEMALE	100.00	100.00	100.00	100.00	100.00	100.00
Married	40.46	0.45	14.13	70.91	80.93	53.33
Never married	51.37	99.54	84.82	21.87	4.98	3.15
Divorced	1.97	-	0.66	4.28	3.15	1.48
Separated	0.74	-	0.39	1.61	0.86	1.08
Widow	5.46	-	-	1.33	10.08	40.97

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

CHAPTER - III

EMPLOYMENT STATUS

For the purpose of this report, a person was classified as employed if the person worked in any of the activities like farming, hunting, fishing, or gathering of fruits, worked for pay, or as any unpaid worker in household enterprises during the seven days prior to interview and persons with jobs but not working during the reference period. Persons who did not work during the seven days prior to interview but was available and looked for work, or did not look for work due to the following reasons; waiting for a job to start, awaiting employer's reply, waiting for seasonal jobs and other reasons were considered unemployed. All others who did not work or did not look for work for reasons like currently studying, taking care of home, too old or disable or not healthy and pensioner and doesn't want to work were treated as inactive. **(Caution:- It should be noted that the BLSS is different from standard labour force survey due to relatively small sample size, the results should be analyzed with extra care.)**

Table 3.1: Surveyed Population 15 years and over by Labour Force Status and Participation Rates by Sex and Area

Sex	Employed	Unemployed	Not Active	Total	Labour Force Participation Rate	Unemployment Rate
Bhutan	251500	7500	97000	356000	72.76	2.91
Male	127500	4200	38100	169800	77.57	3.18
Female	124000	3400	59000	186300	68.37	2.64
Urban	34300	2400	28100	64700	56.63	6.54
Male	23400	1000	7000	31400	77.78	4.22
Female	10800	1400	21100	33300	36.67	11.18
Rural	217200	5100	68900	291300	76.34	2.32
Male	104100	3200	31100	138300	77.52	2.94
Female	113100	2000	37800	153000	75.27	1.74

Table 3.2a: Surveyed Population by Age-Sex Specific Activity Status and LFPR and Unemployment Rates, National.

Age/Sex	Employed	Unemployed	Not Active	Total	Labour Force Participation Rate	Unemployment Rate
Both Sexes	251500	7500	97000	356000	72.75	2.91
15 – 24	59600	3300	44300	107200	58.71	5.26
25 – 34	59200	1400	10100	70700	85.76	2.35
35 – 44	51600	1400	6700	59700	88.70	2.65
45 – 54	42500	700	7900	51100	84.56	1.70
55 – 64	26200	300	8600	35200	75.45	1.28
65 +	12400	300	19400	32200	39.69	2.58
Male	127500	4200	38100	169800	77.57	3.17
15 – 24	25900	1700	22400	49900	55.18	6.09
25 – 34	29100	600	1400	31100	95.61	2.13
35 – 44	26200	900	800	27900	97.27	3.40
45 – 54	23600	400	1600	25700	93.58	1.77
55 – 64	14800	200	2900	17900	83.85	1.62
65 +	8000	300	9100	17300	47.72	3.39
Female	124000	3400	58920	186300	68.37	2.64
15 – 24	33800	1600	21900	57300	61.78	4.62
25 – 34	30100	800	8700	39500	78.01	2.55
35 – 44	25400	500	6000	31800	81.20	1.88
45 – 54	18900	300	6200	25400	75.46	1.62
55 – 64	11400	100	5700	17300	66.74	0.83
65 +	4500	-	10300	14800	30.32	1.09

Note:“-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

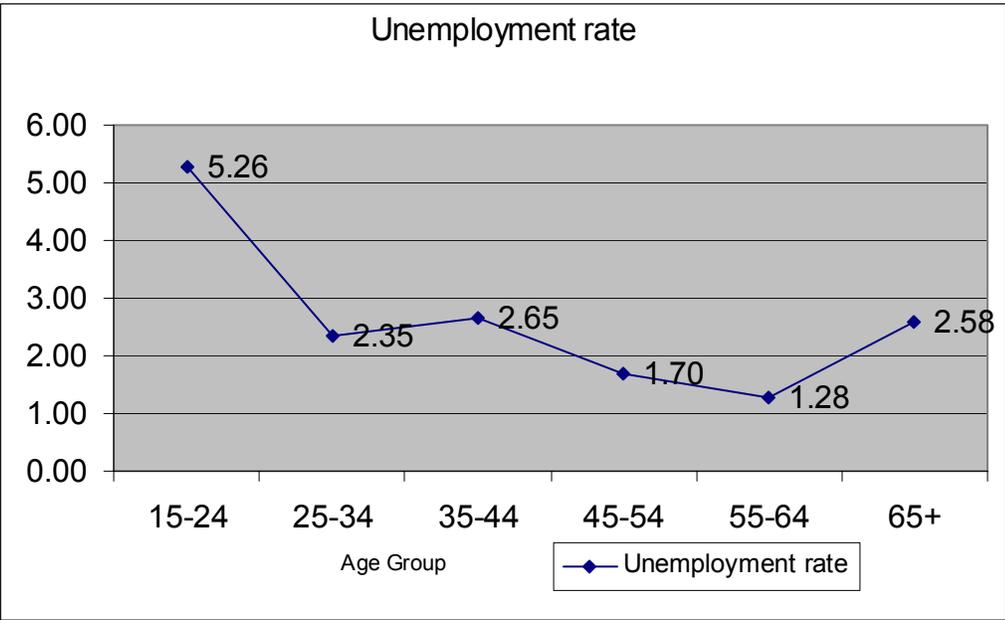
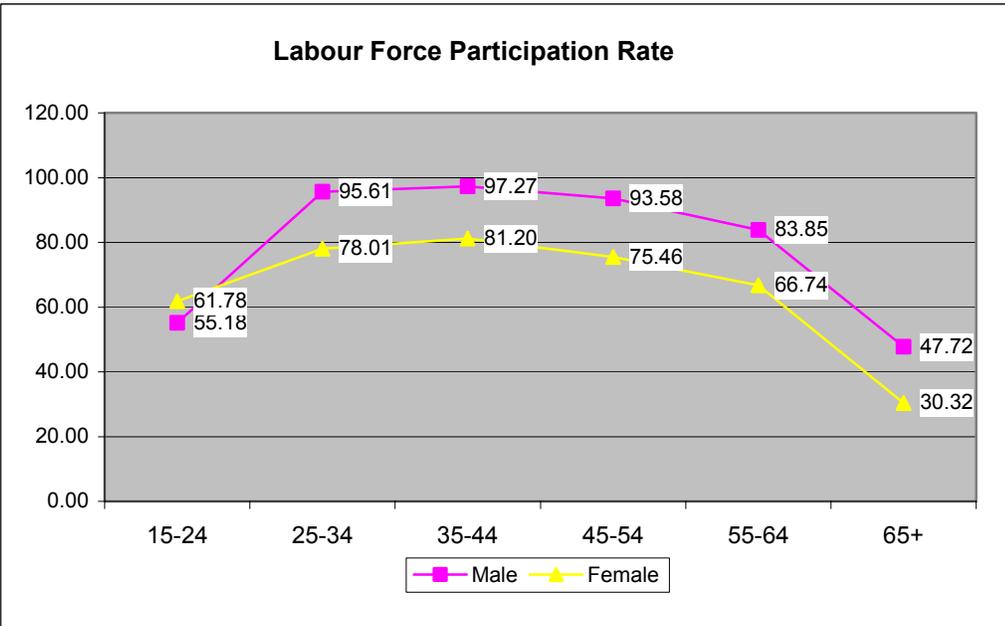


Table 3.2b: Surveyed Population by Age-Sex Specific Activity Status and LFPR and Unemployment Rates for Urban Area.

Age/Sex	Employed	Unemployed	Not Active	Total	Labour Force Participation Rate	Unemployment Rate
Both Sexes	34300	2400	28100	64700	56.63	6.53
15 – 24	5100	1400	14200	20700	31.13	21.36
25 – 34	13000	600	5800	19400	70.12	4.34
35 – 44	9600	200	3700	13500	72.46	1.96
45 – 54	4800	100	1500	6500	76.55	1.96
55 – 64	1300	100	1000	2500	58.12	8.42
65 +	400	-	1800	2200	19.98	4.33
Male	23400	1000	7000	31400	77.78	4.22
15 – 24	2400	600	5600	8500	34.68	19.46
25 – 34	8600	200	300	9100	96.89	2.58
35 – 44	7000	100	100	7200	98.15	0.89
45 – 54	4000	100	100	4200	96.86	2.36
55 – 64	1100	100	200	1300	85.50	5.51
65 +	400	-	700	1000	34.45	1.94
Female	10800	1400	21100	33300	36.66	11.18
15 – 24	2700	800	8700	12200	28.66	22.97
25 – 34	4400	400	5500	10300	46.50	7.57
35 – 44	2600	100	3600	6300	43.04	4.76
45 – 54	800	-	1400	2200	37.65	0.00
55 – 64	200	100	800	1200	26.41	19.34
65 +	100	-	1100	1100	6.79	15.38

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 3.2c: Surveyed Population by Age-Sex Specific Activity Status and LFPR and Unemployment Rates for Rural Area.

Age/Sex	Employed	Unemployed	Not Active	Total	Labour Force Participation Rate	Unemployment Rate
Both Sexes	217200	5100	68900	291300	76.34	2.32
15 – 24	54600	1900	30000	86500	65.30	3.43
25 – 34	46200	800	4300	51200	91.68	1.77
35 – 44	42000	1200	3000	46200	93.44	2.81
45 – 54	37600	600	6400	44600	85.72	1.67
55 – 64	24900	200	7600	32700	76.77	0.87
65 +	12000	300	17600	30000	41.13	2.52
Male	104100	3100	31100	138300	77.52	2.94
15 – 24	23500	1100	16800	41400	59.40	4.49
25 – 34	20500	400	1100	22000	95.08	1.94
35 – 44	19200	900	600	20700	96.96	4.28
45 – 54	19600	300	1500	21400	92.93	1.64
55 – 64	13700	200	2700	16600	83.72	1.31
65 +	7600	300	8400	16300	48.58	3.46
Female	113100	2000	37800	153000	75.27	1.74
15 – 24	31100	800	13200	45100	70.73	2.61
25 – 34	25600	400	3200	29200	89.12	1.64
35 – 44	22800	400	2400	25500	90.60	1.54
45 – 54	18100	300	4900	23200	79.07	1.69
55 – 64	11200	-	4900	16100	69.62	0.33
65 +	4400	-	9300	13700	32.29	0.84

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 3.3a: Distribution of Not Economically Active Surveyed Population by Main Activity status by Age by Sex, National (Percent)

Sex/Age	Currently Studying	Taking care of home	Pensioner/ Disabled/ Unhealthy	Not willing to work	Total
Both Sexes	37.84	28.50	32.73	0.93	100.00
15 – 24	81.32	14.18	4.14	0.36	100.00
25 – 34	6.42	75.82	15.47	2.30	100.00
35 – 44	0.87	74.74	24.15	0.24	100.00
45 – 54	-	57.29	40.15	2.56	100.00
55 – 64	-	31.44	67.25	1.31	100.00
65 +	-	7.55	91.53	0.92	100.00
Male	56.21	3.83	38.44	1.52	100.00
15 – 24	93.48	1.66	4.52	0.34	100.00
25 – 34	32.06	12.88	45.02	10.03	100.00
35 – 44	7.75	19.32	71.22	1.71	100.00
45 – 54	-	12.99	78.02	8.99	100.00
55 – 64	-	5.16	90.93	3.91	100.00
65 +	-	4.43	94.56	1.01	100.00
Female	25.97	44.45	29.03	0.55	100.00
15 – 24	68.90	26.97	3.74	0.39	100.00
25 – 34	2.39	85.70	10.82	1.08	100.00
35 – 44	-	81.78	18.17	0.05	100.00
45 – 54	-	68.97	30.16	0.86	100.00
55 – 64	-	44.66	55.34	-	100.00
65 +	-	10.28	88.88	0.84	100.00

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

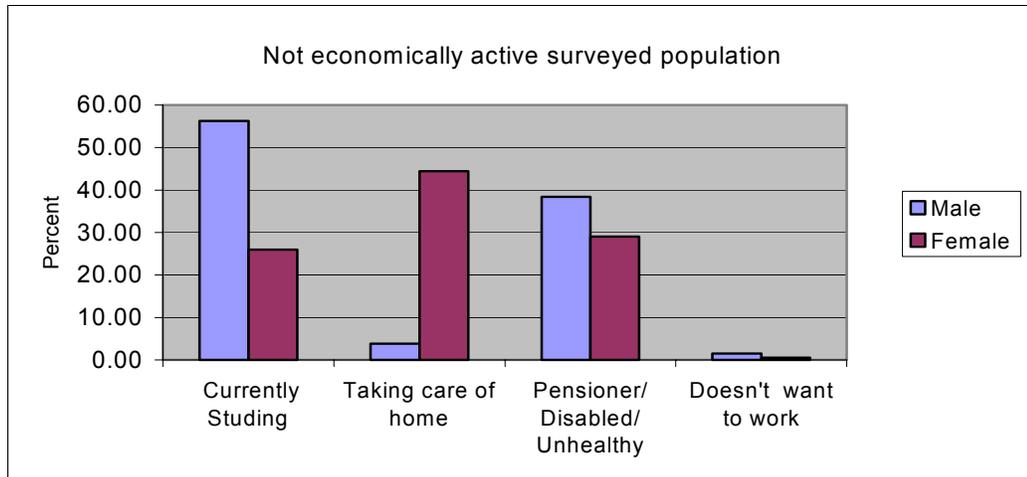


Table 3.3b: Distribution of Not Economically Active Surveyed Population by Main Activity status by Age by Sex for Urban Area (Percent)

Sex/Age	Studying	Taking care of home	Pensioner /Disabled /Unhealthy	Not willing to work	Total
Both Sexes	38.25	50.74	10.30	0.71	100.00
15 – 24	74.10	23.89	1.53	0.48	100.00
25 – 34	3.14	92.46	3.47	0.93	100.00
35 – 44	-	93.30	6.27	0.43	100.00
45 – 54	-	77.69	21.58	0.73	100.00
55 – 64	-	62.42	36.72	0.86	100.00
65 +	-	10.64	87.09	2.28	100.00
Male	76.95	5.33	16.19	1.53	100.00
15 – 24	95.48	2.93	1.04	0.54	100.00
25 – 34	24.73	40.99	26.15	8.13	100.00
35 – 44	-	39.39	50.76	9.85	100.00
45 – 54	-	18.05	73.68	8.27	100.00
55 – 64	-	8.76	86.60	4.64	100.00
65 +	-	-	96.94	3.06	100.00
Female	25.43	65.78	8.35	0.44	100.00
15 – 24	60.43	37.28	1.84	0.45	100.00
25 – 34	2.03	95.10	2.30	0.56	100.00
35 – 44	-	95.29	4.63	0.08	100.00
45 – 54	-	83.43	16.57	-	100.00
55 – 64	-	74.68	25.32	-	100.00
65 +	-	17.46	80.77	1.77	100.00

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 3.3c: Distribution of Not Economically Active Surveyed Population by Main Activity status by Age by Sex for Rural Area (Percent)

Sex/Age	Studying	Taking care of home	Pensioner /Disabled /Unhealthy	Not willing to work	Total
Both Sexes	37.68	19.44	41.86	1.02	100.00
15 – 24	84.75	9.58	5.37	0.30	100.00
25 – 34	10.91	53.14	31.78	4.17	100.00
35 – 44	1.95	51.96	46.09	-	100.00
45 – 54	-	52.43	44.57	3.00	100.00
55 – 64	-	27.19	71.44	1.37	100.00
65 +	-	7.24	91.97	0.79	100.00
Male	51.56	3.50	43.43	1.51	100.00
15 – 24	92.82	1.24	5.67	0.27	100.00
25 – 34	34.04	5.54	49.91	10.52	100.00
35 – 44	9.38	15.10	75.52	-	100.00
45 – 54	-	12.55	78.40	9.05	100.00
55 – 64	-	4.90	91.24	3.86	100.00
65 +	-	4.79	94.36	0.85	100.00
Female	26.27	32.55	40.57	0.61	100.00
15 – 24	74.48	20.18	4.99	0.35	100.00
25 – 34	3.02	69.37	25.60	2.01	100.00
35 – 44	-	61.62	38.38	-	100.00
45 – 54	-	64.85	34.04	1.11	100.00
55 – 64	-	39.45	60.55	-	100.00
65 +	-	9.45	89.82	0.73	100.00

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 3.4: Distribution of Employed Persons by Main Economic Activity by Sex by Area (Percent)

Areas/Sex	Main Sector of Employment				Total
	Agriculture	Industry	Services	Others	
Bhutan	79.63	2.69	4.46	13.22	100.00
Male	70.84	4.04	4.88	20.24	100.00
Female	88.67	1.30	4.03	6.01	100.00
Urban	5.85	10.77	21.02	62.36	100.00
Male	2.57	10.66	17.77	69.00	100.00
Female	12.93	11.02	28.04	48.01	100.00
Rural	91.27	1.42	1.85	5.47	100.00
Male	86.20	2.56	1.98	9.26	100.00
Female	95.93	0.37	1.72	1.98	100.00

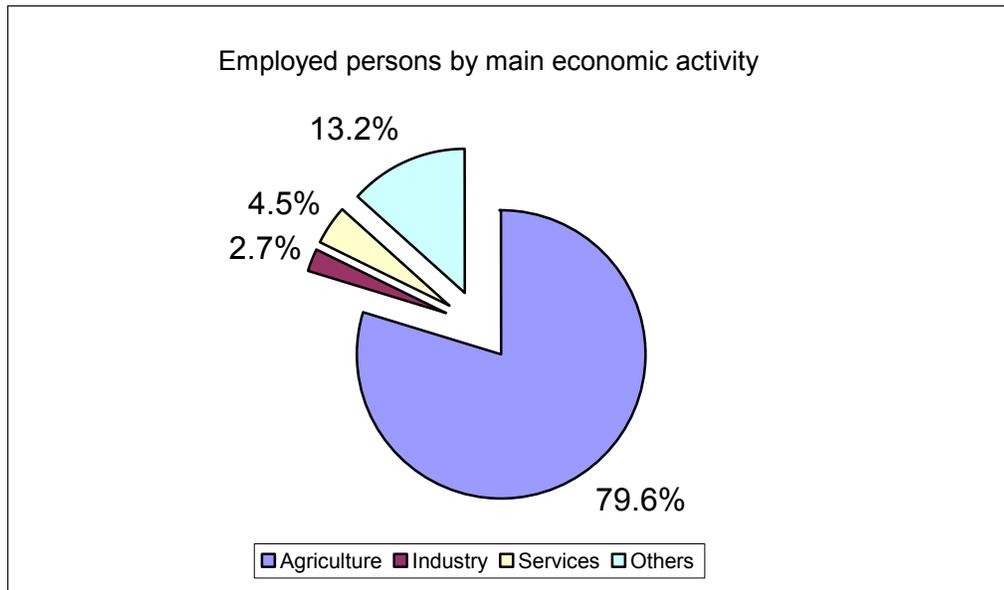


Table 3.5: Employed Persons by Type of Enterprises by Sex by Area (Percent)

Areas/ Sex	Type of Business/Enterprise					Total
	Public Enterprises	Private Corporation/Enterprises	Agriculture Farming	Family non-farm enterprises	Others	
Bhutan	9.40	0.77	78.50	9.17	2.16	100.00
Male	14.97	1.15	70.40	10.79	2.69	100.00
Female	3.68	0.37	86.84	7.51	1.60	100.00
Urban	51.29	3.37	8.39	33.42	3.53	100.00
Male	60.05	3.99	5.18	27.76	3.01	100.00
Female	32.37	2.04	15.32	45.64	4.64	100.00
Rural	2.80	0.36	89.56	5.35	1.94	100.00
Male	4.82	0.51	85.07	6.97	2.62	100.00
Female	0.93	0.21	93.69	3.85	1.31	100.00

Table 3.6: Employed Persons by Hours Worked in the Main Occupation One-Week Prior to the Survey by Sex and Area (Percent)

Areas/Sex	Up to 14 hours	(15-24) Hours	(25-44) Hours	45+ Hours	Total
Bhutan	2.59	4.50	31.16	61.75	100.00
Male	1.94	3.75	28.96	65.35	100.00
Female	3.27	5.26	33.43	58.04	100.00
Urban	2.02	2.98	37.01	57.99	100.00
Male	1.02	1.90	36.46	60.61	100.00
Female	4.18	5.31	38.19	52.32	100.00
Rural	2.68	4.73	30.24	62.34	100.00
Male	2.14	4.16	27.27	66.42	100.00
Female	3.18	5.26	32.97	58.59	100.00

Table 3.7a: Distribution of Employed Persons by Status in Main Occupation by Area and Sex (Percent)

Status	Bhutan			Urban			Rural		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Employee	80.19	19.81	100.00	79.59	20.41	100.00	81.80	18.20	100.00
Member of cooperative	42.45	57.55	100.00	60.51	39.49	100.00	36.33	63.67	100.00
Own account worker	60.09	39.91	100.00	58.66	41.34	100.00	60.33	39.67	100.00
Employer	67.67	32.33	100.00	64.61	35.39	100.00	71.58	28.42	100.00
Family worker	41.89	58.11	100.00	28.12	71.88	100.00	42.23	57.77	100.00
Collective farmer	54.18	45.82	100.00	41.18	58.82	100.00	54.41	45.59	100.00
Other	68.14	31.86	100.00	51.80	48.20	100.00	70.72	29.28	100.00

Table 3.8: Distribution of Employed Persons by Status in Secondary Occupation by Area and Sex (Percent)

Status	Bhutan			Urban			Rural		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Employee	18.96	4.82	11.97	74.05	41.02	63.59	6.40	1.33	3.75
Member of cooperative	1.04	1.44	1.24	2.02	2.84	2.28	0.81	1.30	1.07
Own account worker	20.85	14.19	17.56	16.24	24.66	18.91	21.90	13.18	17.34
Employer	0.23	0.11	0.17	0.67	0.79	0.71	0.13	-	-
Family worker	53.55	76.39	64.85	4.66	25.84	11.36	64.70	81.26	73.36
Collective farmer	1.29	1.11	1.20	-	0.28	0.15	1.56	1.19	1.37
Other	4.08	1.95	3.02	2.27	4.57	3.00	4.49	1.70	3.03
All	100.00								

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 3.9: Distribution of Employed Persons by Status of Secondary Employment by Sex and Area (Percent)

Area/Sex	Secondary Occupation		
	With	Without	Total
Bhutan	4.55	95.45	100.00
Male	5.71	94.29	100.00
Female	3.37	96.63	100.00
Urban	2.30	97.70	100.00
Male	1.61	98.39	100.00
Female	3.81	96.19	100.00
Rural	4.93	95.07	100.00
Male	6.67	93.33	100.00
Female	3.34	96.66	100.00

Table 3.10: Employed Persons with Secondary Employment by Economic Activity by Sex by Area (Percent)

Areas/Sex	Secondary Sector of Employment				Total
	Agriculture	Industry	Services	Others	
Bhutan	78.81	2.33	6.42	12.43	100.00
Male	74.35	2.96	7.03	15.66	100.00
Female	86.56	1.25	5.37	6.82	100.00
Urban	23.45	5.96	17.11	51.08	100.00
Male	12.77	12.50	11.17	63.56	100.00
Female	33.17	0.00	22.52	44.31	100.00
Rural	82.95	2.05	5.62	9.37	100.00
Male	77.75	2.42	6.80	13.03	100.00
Female	92.43	1.39	3.48	2.70	100.00

Table 3.11: Employed Persons in Secondary Employment by Enterprises by Sex by Area (Percent)

Areas/Sex	Type of Business/Enterprise					Total
	Public Enterprises	Corporate Enterprises	Agriculture Farming	Family non-farm Enterprises	Others	
Bhutan	8.89	1.56	77.48	8.99	3.08	100.00
Male	11.92	1.74	73.78	9.54	3.03	100.00
Female	3.64	1.25	83.91	8.02	3.18	100.00
Urban	0.63	8.63	16.62	59.26	14.85	100.00
Male	-	12.50	17.82	56.65	13.03	100.00
Female	1.21	5.10	15.53	61.65	16.50	100.00
Rural	7.92	1.58	28.52	45.76	16.21	100.00
Male	9.60	2.45	26.00	46.59	15.36	100.00
Female	4.87	-	33.13	44.25	17.75	100.00

Note:“-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 3.12: Persons with Secondary Employment by Hours Worked by Sex and Area (Percent)

Areas/Sex	Up to 14 hours	(15-24) Hours	(25-44) Hours	45+ Hours	Total
Bhutan	32.57	28.66	26.63	12.14	100.00
Male	26.67	28.70	27.00	17.63	100.00
Female	42.80	28.60	25.98	2.63	100.00
Urban	37.69	29.44	17.01	15.86	100.00
Male	30.59	31.12	11.97	26.33	100.00
Female	44.17	27.91	21.60	6.31	100.00
Rural	32.19	28.60	27.34	11.86	100.00
Male	26.47	28.56	27.83	17.15	100.00
Female	42.64	28.68	26.46	2.22	100.00

Table 3.13a: Distribution of Unemployed Persons by Reason of Unemployment by Age and Sex, National (Percent)

Sex/Age	Looking for a job	Waiting for job to start	Awaiting employer's reply	Waiting for seasonal work	No job available	Other	Total
Both Sexes	20.85	10.71	1.68	22.08	7.06	37.62	100.00
15 – 24	24.57	20.74	1.84	17.11	7.33	28.40	100.00
25 – 34	36.08	5.84	4.43	9.35	7.59	36.71	100.00
35 – 44	6.97	1.78	-	45.06	9.88	36.32	100.00
45 – 54	6.80	1.77	0.41	41.90	-	49.12	100.00
55 – 64	26.76	-	-	7.06	-	66.18	100.00
65 +	2.13	-	-	-	13.07	84.80	100.00
Male	18.72	11.79	0.84	24.89	5.16	38.59	100.00
15 – 24	17.46	22.17	0.77	24.20	7.57	27.83	100.00
25 – 34	42.27	13.09	3.00	14.67	1.74	25.24	100.00
35 – 44	8.03	2.71	-	45.44	8.46	35.36	100.00
45 – 54	11.79	3.07	0.71	23.35	-	61.08	100.00
55 – 64	37.30	-	-	9.84	-	52.87	100.00
65 +	2.50	-	-	-	-	97.50	100.00
Female	23.48	9.36	2.73	18.58	9.42	36.41	100.00
15 – 24	31.87	19.27	2.94	9.85	7.09	28.99	100.00
25 – 34	31.09	-	5.58	5.08	12.31	45.94	100.00
35 – 44	4.95	-	-	44.33	12.58	38.14	100.00
45 – 54	-	-	-	67.20	-	32.80	100.00
55 – 64	-	-	-	-	-	100.00	100.00
65 +	-	-	-	-	87.76	12.24	100.00

Note:“-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 3.13b: Distribution of Unemployed Persons by Reason of Unemployment by Age and Sex for Urban Area (Percent)

Sex/Age	Looking for a job	Waiting for job to start	Awaiting Employer's reply	Waiting for seasonal work	No job available	Other	Total
Both Sexes	20.19	22.06	5.29	6.00	13.95	32.51	100.00
15 – 24	18.21	29.68	4.43	2.47	14.37	30.84	100.00
25 – 34	31.81	14.04	10.66	3.21	18.27	22.00	100.00
35 – 44	14.43	12.89	0.00	21.65	11.86	39.18	100.00
45 – 54	11.22	13.27	3.06	25.51	-	46.94	100.00
55 – 64	5.43	-	-	18.60	-	75.97	100.00
65 +	-	-	-	-	50.00	50.00	100.00
Male	19.13	28.31	3.38	8.21	9.37	31.59	100.00
15 – 24	17.74	29.91	2.26	2.26	14.26	33.57	100.00
25 – 34	32.46	36.40	8.33	8.33	4.82	9.65	100.00
35 – 44	6.25	39.06	-	6.25	6.25	42.19	100.00
45 – 54	11.22	13.27	3.06	25.51	-	46.94	100.00
55 – 64	10.00	-	-	34.29	-	55.71	100.00
65 +	-	-	-	-	-	-	100.00
Female	20.99	17.34	6.73	4.32	17.41	33.21	100.00
15 – 24	18.56	29.51	5.98	2.62	14.45	28.89	100.00
25 – 34	31.40	-	12.12	0.00	26.72	29.75	100.00
35 – 44	18.46	-	-	29.23	14.62	37.69	100.00
45 – 54	-	-	-	-	-	-	100.00
55 – 64	-	-	-	-	-	100.00	100.00
65 +	-	-	-	-	50.00	50.00	100.00

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 3.13c: Distribution of Unemployed Persons by Reason of Unemployment by Age and Sex for Rural Area (Percent)

Sex/Age	Looking for a job	Waiting for job to start	No job available	Other	Total
Both Sexes	21.12	5.44	29.61	3.89	100.00
15 – 24	29.07	14.46	27.52	2.37	100.00
25 – 34	38.99	-	13.84	-	100.00
35 – 44	5.77	-	48.80	9.65	100.00
45 – 54	6.11	-	44.51	-	100.00
55 – 64	41.74	-	-	-	100.00
65 +	-	-	-	11.94	100.00
Male	18.55	6.38	30.42	3.84	100.00
15 – 24	17.30	18.21	35.60	4.17	100.00
25 – 34	47.54	-	18.47	-	100.00
35 – 44	8.16	-	48.37	8.74	100.00
45 – 54	11.93	-	22.94	-	100.00
55 – 64	50.28	-	-	-	100.00
65 +	-	-	-	-	100.00
Female	25.18	3.95	28.33	3.95	100.00
15 - 24	44.66	9.48	16.81	-	100.00
25 - 34	30.82	-	9.41	-	100.00
35 - 44	-	-	49.86	11.83	100.00
45 - 54	-	-	67.20	-	100.00
55 - 64	-	-	-	-	100.00
65 +	-	-	-	100.00	100.00

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

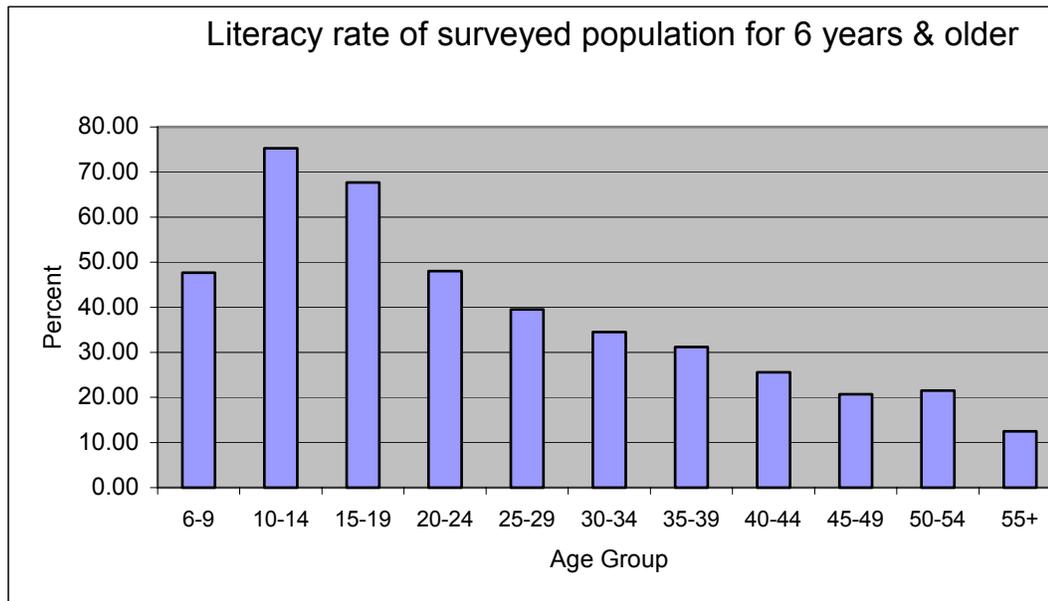
CHAPTER - IV

LITERACY AND EDUCATION

According to this survey individuals were considered literate if they reported that they were able to read and write at least in any one of the languages (Dzongkha, English, Lhotsham or others). However, no literacy test was administered for the literate persons. From table 4.1 it could be seen that overall literacy of the surveyed population is 43 percent with 54 percent and 33 percent respectively among males and females. More than 80 percent of the urban population is literate and only 37 percent among the rural.

Table 4.1: Literacy Rate of the Surveyed Population 6 years and older by Area by Age Group.

Age Group	Bhutan			Urban			Rural		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
6 - 9	47.62	50.16	44.96	68.78	68.02	69.54	42.07	45.57	38.35
10 - 14	75.28	80.00	71.11	91.74	95.86	88.32	70.98	76.03	66.44
15 - 19	67.67	77.45	58.59	87.03	93.20	82.14	63.25	74.20	52.70
20 - 24	48.00	59.06	39.22	72.19	86.75	63.62	41.84	53.39	31.97
25 - 29	39.53	58.80	26.03	64.14	80.36	52.43	29.79	50.05	15.75
30 - 34	34.50	52.28	18.42	65.18	83.01	44.77	23.51	39.34	10.37
35 - 39	31.14	53.20	13.94	61.53	81.35	38.72	19.79	39.20	6.74
40 - 44	25.59	43.48	7.97	55.14	76.62	30.76	19.14	35.61	3.41
45 - 49	20.70	36.35	4.05	63.81	82.68	23.42	13.65	25.77	2.08
50 - 54	21.48	40.59	3.51	56.65	80.27	18.98	17.23	34.31	2.15
55 +	12.47	22.40	1.59	29.75	48.22	10.63	11.18	20.52	0.89
Total	42.90	53.86	32.79	70.42	81.72	59.88	36.50	47.34	26.53



Educational Status

For the purpose of this survey persons 3 years of age or more were classified into three groups based on the educational status; never attended school, have attended school in the past and currently attending school as shown in table 4.1. Table 4.3 deals with the age specifics boys and girls between (6 – 19) years of age cross, classified into in school and out of school. The lower age group (6 – 12) years have been fixed as primary school going age children, (13 – 14) years as Lower Secondary school age, (15 –16) years as Middle Secondary school age and (17 – 19) years as Higher Secondary school age in context of Bhutan. Based on the classification Net and Gross Enrolment Rates for the estimated surveyed population have been calculated. Also an attempt had been made to enumerate the reasons for currently non-school going children between (7 – 17) years of age and assessment of the existing schooling facilities.

Table 4.2: Educational Status of the Surveyed Population 3 years and older by Sex by Area (Percent)

Area/Sex	Educational Status			
	Total	Never Attended	Attended in the Past	Currently Attending
Bhutan	100.00	62.92	12.83	24.25
Male	100.00	56.11	16.95	26.94
Female	100.00	69.23	9.02	21.75
Urban	100.00	35.23	29.30	35.47
Male	100.00	26.33	37.46	36.21
Female	100.00	43.52	21.71	34.77
Rural	100.00	69.41	8.97	21.62
Male	100.00	63.11	12.12	24.76
Female	100.00	75.25	6.05	18.70

Table 4.3a: Distribution of In-school and Out of School Children by specific Age and Sex by Area (Number of Persons)

Status/Age	Bhutan			Urban			Rural		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
(6 - 12) years	98500	48400	51000	20600	10000	10600	77900	38400	39500
In School	69200	35600	33600	18300	9000	9300	50900	26600	24300
Not in school	29300	12900	16500	2300	1000	1300	27100	11900	15200
(13-14) years	29600	14000	15600	6000	2600	3400	23600	11400	12200
In School	19200	9700	9500	5200	2400	2800	14000	7300	6800
Not in school	10400	4300	6000	800	200	600	9600	4100	5400
(15-16) years	27000	13900	13100	5200	2500	2700	21900	11400	10400
In School	14900	10000	5800	4400	2300	2100	10500	6800	3700
Not in school	12100	4900	7200	800	200	600	11300	4600	6700
(17-19) years	36000	16400	19600	6600	2700	3900	29400	13700	15700
In School	14200	7800	6500	4100	2000	2200	10100	5800	4300
Not in school	21700	8700	13100	2400	800	1700	19300	7900	11400

Table 4.3b: Distribution of In-school and Out of School Children by specific Age and Sex by Area (Percent)

Status/Age	Bhutan			Urban			Rural		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
(6 - 12) years	100.00								
In School	70.22	73.45	67.10	88.93	90.16	87.78	65.28	69.11	61.55
Not in school	29.78	26.55	32.90	11.07	9.84	12.22	34.72	30.89	38.45
(13-14) years	100.00								
In School	64.95	68.98	61.33	86.45	92.23	81.96	59.51	63.65	55.64
Not in school	35.05	31.02	38.67	13.55	7.77	18.04	40.49	36.35	44.36
(15-16) years	100.00								
In School	55.22	65.18	44.61	85.04	91.88	78.67	48.18	59.38	35.87
Not in school	44.78	34.82	55.39	14.96	8.12	21.33	51.82	40.62	64.13
(17-19) years	100.00								
In School	39.56	47.26	33.11	62.85	73.06	55.72	34.36	42.18	27.54
Not in school	60.44	52.74	66.89	37.15	26.94	44.28	65.64	57.82	72.46

Table 4.4a: Distribution of In-school and Out of School Children by Level of Education, by Age and Sex.

Sex/ Age group	Total	Level of education			Does not attend	
		Primary	Lower Secondary	Middle Secondary		Higher Secondary
Both Sexes	191100	89700	15900	9500	2400	73500
6 – 12	98500	68400	800	-	-	29300
13 – 14	29600	14600	3900	700	-	10400
15 – 16	27000	6100	6100	2500	200	12100
17 – 19	36000	600	5200	6200	2200	21800
Male	92800	47400	8000	5400	1300	30700
6 – 12	48400	35300	300	-	-	12900
13 – 14	14000	7600	1800	300	-	4300
15 – 16	13900	4100	3400	1500	100	4900
17 – 19	16400	400	2500	3600	1200	8700
Female	98300	42300	7900	4100	1100	42800
6 – 12	50100	33100	500	-	-	16500
13 – 14	15600	7000	2100	500	-	6000
15 – 16	13100	2000	2700	1000	100	7200
17 – 19	19600	200	2600	2600	1000	13100

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 4.4b: Distribution of In-school and Out of School Children by Level of Education, by Age and Sex (Percent).

Sex/ Age group	Total	Level of education				Does not attend
		Primary	Lower Secondary	Middle Secondary	Higher Secondary	
Both Sexes	100.00	100.00	100.00	100.00	100.00	100.00
6 – 12	51.55	76.24	4.85	-	-	39.88
13 – 14	15.48	16.25	24.36	7.86	-	14.09
15 – 16	14.14	6.81	38.30	26.44	8.44	16.45
17 – 19	18.83	0.69	32.50	65.69	91.56	29.58
Male	100.00	100.00	100.00	100.00	100.00	100.00
6 – 12	52.21	74.47	3.86	-	-	41.88
13 – 14	15.09	16.07	22.13	5.19	-	14.15
15 – 16	15.02	8.66	42.26	27.38	9.68	15.80
17 – 19	17.68	0.80	31.75	67.43	90.32	28.18
Female	100.00	100.00	100.00	100.00	100.00	100.00
6 – 12	50.93	78.22	5.85	-	-	38.45
13 – 14	15.84	16.46	26.60	11.39	-	14.05
15 – 16	13.31	4.75	34.30	25.21	6.92	16.92
17 – 19	19.92	0.57	33.25	63.40	93.08	30.58

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 4.5a: Distribution of In-school and Out of School Children by Level of Education, by Age by Area.

Areas/ Age group	Total	Level of education				Does not attend
		Primary	Lower Secondary	Middle Secondary	Higher Secondary	
Bhutan	191100	89700	15900	9500	2400	73500
6 - 12	98500	68400	800	-	-	29300
13 - 14	29600	14600	3900	700	-	10400
15 - 16	27000	6100	6100	2500	200	12100
17 - 19	36000	600	5200	6200	2200	21700
Urban	38300	21400	5100	3600	1800	6300
6 - 12	20600	17800	500	-	-	2300
13 - 14	6000	2700	2100	300	-	800
15 - 16	5200	800	1800	1500	200	800
17 - 19	6600	100	600	1800	1600	2400
Rural	152800	68300	10800	5800	600	67200
6 - 12	77900	50600	200	-	-	27100
13 - 14	23600	11900	1800	400	-	9600
15 - 16	21900	5300	4300	1000	-	11300
17 - 19	29400	500	4500	4500	600	19300

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 4.5b: Distribution of In-school and Out of School Children by Level of Education, by Age by Area (Percent).

Areas/Age group	Total	Level of education				Does not attend
		Primary	Lower Secondary	Middle Secondary	Higher Secondary	
Bhutan	100.00	100.00	100.00	100.00	100.00	100.00
6 – 12	51.55	76.24	4.85	-	-	39.88
13 – 14	15.48	16.25	24.36	7.85	-	14.09
15 – 16	14.14	6.81	38.30	26.44	8.44	16.45
17 – 19	18.83	0.69	32.50	65.70	91.56	29.58
Urban	100.00	100.00	100.00	100.00	100.00	100.00
6 – 12	53.76	83.06	10.26	-	-	36.16
13 – 14	15.61	12.68	41.31	8.97	-	12.84
15 – 16	13.48	3.69	35.87	42.54	11.35	12.25
17 – 19	17.16	0.57	12.56	48.49	88.65	38.75
Rural	100.00	100.00	100.00	100.00	100.00	100.00
6 – 12	51.00	74.11	2.27	-	-	40.23
13 – 14	15.44	17.37	16.27	7.15	-	14.21
15 – 16	14.31	7.79	39.45	16.38	-	16.85
17 – 19	19.25	0.73	42.00	76.46	100.00	28.72

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 4.6 Distribution of Currently School going Children by Level of Education by Sex and Area (Number of Persons)

Level of Education	Bhutan			Urban			Rural		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
Primary	91300	48300	43000	22500	11300	11200	68800	37000	31800
Lower Secondary	16500	8300	8100	5200	2400	2900	11200	6000	5300
Middle Secondary	12100	6800	5200	4000	1800	2200	8100	5000	3100
Higher Secondary	4700	3100	1600	2600	1500	1100	2100	1600	400
Bhutan	124500	66600	57900	34300	16900	17400	90200	49600	40600

Table 4.7: Gross Enrolment Rates for Boys and Girls by Level of Education and Area

Level of Education	Bhutan			Urban			Rural		
	Total	Boys	Girls	Total	Boys	Girls	Total	Boys	Girls
Primary	92.65	99.66	85.86	109.01	112.57	105.65	88.32	96.30	80.55
Lower Secondary	55.65	59.41	52.27	87.17	90.16	84.84	47.66	52.35	43.29
Middle Secondary	44.69	49.15	39.93	77.52	73.47	81.29	36.93	43.86	29.32
Higher Secondary	13.02	18.94	8.06	39.90	55.20	29.23	7.03	11.82	2.85
Bhutan	65.15	71.74	58.93	89.53	95.14	84.66	59.04	66.18	52.16

Note:- Gross enrolment rate is the proportion of children in the specified level of education regardless of age by the total number of children between the ages specified for particular level of education.

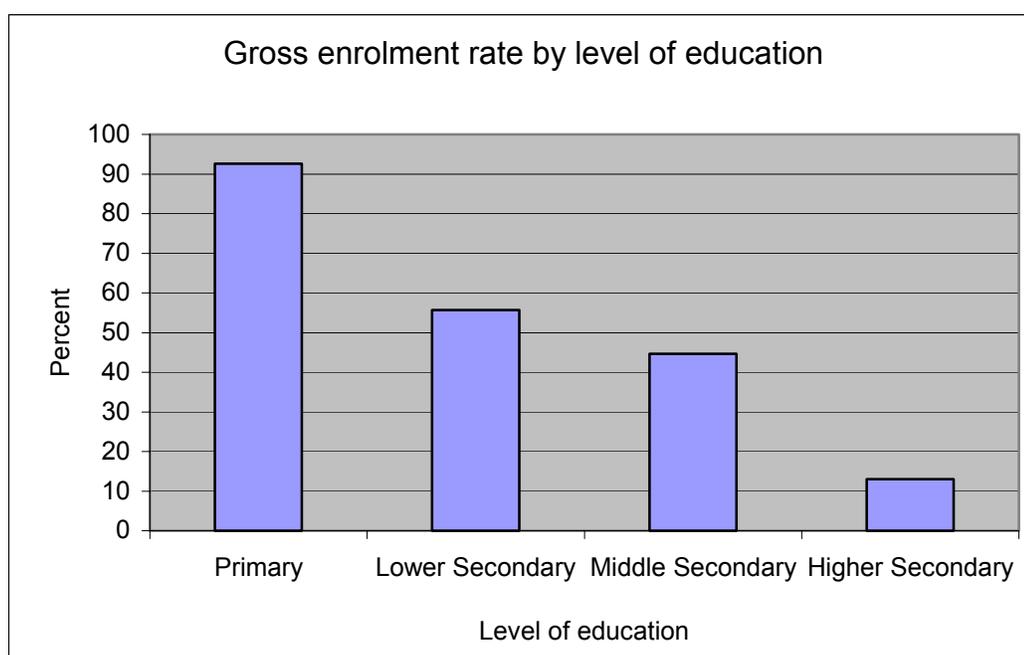


Table 4.8: Percent distribution of Children between (7–17) years of age not attending School by Reasons by Sex and Area

SEX	Reasons for not attending school								
	Total	Not interested	Cannot Afford	Needed to Work	Did not Qualify	School Far	Illness / Caring Sick	Problems at Home	Other Reasons
Bhutan	6300	24.07	8.71	23.68	9.76	3.45	1.64	15.07	12.07
Male	2900	30.08	8.46	19.24	9.08	2.82	-	14.07	15.43
Female	500	18.84	-	27.54	-	-	-	15.94	-
Urban	600	22.37	20.07	8.22	10.69	4.93	10.20	11.84	10.69
Male	200	44.59	-	-	-	-	-	-	-
Female	500	14.63	27.05	-	11.53	-	-	13.97	-
Rural	5700	24.25	7.51	25.32	9.66	3.29	0.73	15.42	12.21
Male	2800	29.26	8.94	19.64	9.12	2.98	-	14.54	15.51
Female	2900	19.49	6.14	30.72	10.17	3.58	4.57	16.25	9.08

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 4.9: Opinion on School Facilities by the Currently School Going Children by age group and Area (Percent)

Opinion on school attended		All	6-12 years	13-19 years	Urban	Rural
Teachers Often Absent	Yes	Col % 18.02	18.55	17.48	17.57	18.18
	No	Col % 64.39	64.55	64.21	66.13	63.73
	Don't know	Col % 17.59	16.90	18.31	16.30	18.08
Books and Supplies are Adequate	Yes	Col % 71.68	70.46	73.68	73.63	70.94
	No	Col % 3.73	4.20	3.08	4.28	3.53
	Don't know	Col % 24.59	25.34	23.23	22.09	25.54
Teachers Competent	Yes	Col % 85.47	86.38	84.41	83.64	86.17
	No	Col % 5.51	4.96	6.10	8.28	4.46
	Don't know	Col % 9.02	8.66	9.49	8.09	9.38
Teaching Program Relevant	Yes	Col % 73.95	72.61	76.12	76.83	72.85
	No	Col % 1.88	2.02	1.61	2.44	1.66
	Don't know	Col % 24.18	25.37	22.27	20.73	25.49
Too Many Children Per Teacher	Yes	Col % 39.48	39.68	39.51	43.78	37.84
	No	Col % 39.44	39.98	38.64	37.74	40.08
	Don't know	Col % 21.08	20.34	21.85	18.47	22.07
Spacious Classroom	Yes	Col % 68.47	69.71	66.78	69.98	67.89
	No	Col % 12.19	12.16	12.28	13.29	11.77
	Don't know	Col % 19.34	18.13	20.94	16.73	20.33
Toilet Facilities Good	Yes	Col % 69.38	68.05	71.33	67.82	69.97
	No	Col % 14.96	16.68	12.58	18.61	13.56
	Don't know	Col % 15.67	15.27	16.09	13.56	16.47

CHAPTER - V

HEALTH AND FAMILY PLANNING

Maintaining the good health of the household members is very important for the well-being of the household. The BLSS collected data on the current status of health of the household members is based on their responses of whether the respondent suffered from sickness/injury prior to four weeks of the survey. The survey also collected information on the use of health facilities as well as some information on the use of family planning methods and fertility of women of reproductive age (15 – 49 years). Tables are constructed to show the health status of the total surveyed population on sickness or injury during the four weeks prior to the enumeration day. Persons who suffered from sickness or injury were classified by their attitude towards health services. Persons who did not consult with any of the institutions were further categorized by reasons.

Data collected for the reproductive women (15-49 years) covered pregnancy outcome and intentions on the use of health facilities during the pre-natal period. The survey also collected information about the knowledge and use of modern contraceptives, which has direct bearing on the pregnancies and sexually transmitted diseases. The survey estimated a total of 142707 Women (15-49 years) of which 13803 women gave birth during the 12 months prior to the survey period. More than 64 percent of the women of reproductive age know about modern contraceptives but only 44 percent of them used the methods. More than 55 percent of the women who had the knowledge and did not use the methods were been classified by age and the reasons as shown in table.

Table 5.1: Distribution of Surveyed Population that Suffered from Sickness/Injury Four Weeks Prior to Survey by Area and Sex (Percent)

Area/Sex	Yes	No	Total
Bhutan	15.08	84.92	100.00
Male	14.02	85.98	100.00
Female	16.06	83.94	100.00
Urban	12.05	87.95	100.00
Male	10.41	89.59	100.00
Female	13.59	86.41	100.00
Rural	15.80	84.20	100.00
Male	14.88	85.12	100.00
Female	16.65	83.35	100.00

Table 5.2: Distribution of Persons that suffered from Sickness/Injury four weeks prior to the survey with Health Seeking Behaviour by Area and Sex (Percent)

Area/Sex	All Persons	Did Not Consult	Private Doctor	Hospital/BHU	Traditional Practitioner	Others
Bhutan	82500	14.55	2.49	71.20	8.20	3.56
Male	36900	13.52	2.44	70.48	9.28	4.27
Female	45600	15.38	2.53	71.77	7.33	2.99
Urban	12700	11.94	5.48	80.06	1.20	1.32
Male	5300	10.59	6.96	80.53	1.09	-
Female	7400	12.92	4.41	79.73	1.28	1.67
Rural	69800	15.02	1.94	69.59	9.47	3.97
Male	31600	14.02	1.68	68.79	10.66	4.85
Female	38200	15.85	2.17	70.24	8.49	3.25

Note:“-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 5.3: Distribution of Persons who did not Consult any Service Provider Reasons by Sex and Area (Percent)

Area/Sex	Not Necessary	No Time	No Money	No Transportation	No Trust	Others	Total
Bhutan	35.51	22.45	2.92	19.88	0.45	18.79	100.00
Male	46.08	18.87	2.70	18.32	-	14.03	100.00
Female	30.04	24.30	3.04	20.69	0.68	21.26	100.00
Urban	72.48	12.45	-	2.42	0.34	12.31	100.00
Male	80.86	5.25	-	6.75	-	7.13	100.00
Female	67.79	16.47	-	-	0.52	15.22	100.00
Rural	31.30	23.59	3.25	21.87	0.46	19.53	100.00
Male	41.89	20.51	3.03	19.72	-	14.86	100.00
Female	25.87	25.17	3.37	22.98	0.69	21.92	100.00

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 5.4: Distribution of Reproductive Women (15-49 years) by Status of Birth during the 12 months Prior to the Survey by Area (Percent)

Area	Yes	No	Total
Bhutan	9.67	90.33	100.00
Urban	10.37	89.63	100.00
Rural	9.49	9.49	100.00

Table 5.5: Distribution of Women (15-49) years by Status of Birth Delivery during the 12 months Prior to the Survey by Age and Area (Percent)

Age Group	Bhutan			Urban			Rural		
	Yes	No	Total	Yes	No	Total	Yes	No	Total
15 – 19	4.56	95.44	100.00	3.23	96.77	100.00	4.90	95.10	100.00
20 – 24	15.30	84.70	100.00	16.85	83.15	100.00	14.84	85.16	100.00
25 – 29	18.13	81.87	100.00	19.07	80.93	100.00	17.76	82.24	100.00
30 – 34	10.96	89.04	100.00	10.74	89.26	100.00	11.03	88.97	100.00
35 – 39	8.24	91.76	100.00	7.20	92.80	100.00	8.55	91.45	100.00
40 – 44	5.89	94.11	100.00	1.53	98.47	100.00	6.76	93.24	100.00
45 – 49	2.13	97.87	100.00	0.39	99.61	100.00	2.30	97.70	100.00
All Ages	9.67	90.33	100.00	10.37	89.63	100.00	9.49	90.51	100.00

Table 5.6: Distribution of Women (15-49 years) with Access to Pre-natal Services during Pregnancy by Age Group and Area (Percent)

Age Group	Bhutan			Urban			Rural		
	Yes	No	Total	Yes	No	Total	Yes	No	Total
15 – 19	64.56	35.44	100.00	65.88	34.12	100.00	64.35	35.65	100.00
20 – 24	83.25	16.75	100.00	88.66	11.34	100.00	81.45	18.55	100.00
25 – 29	66.97	33.03	100.00	93.27	6.73	100.00	55.97	44.03	100.00
30 – 34	79.29	20.71	100.00	92.86	7.14	100.00	75.25	24.75	100.00
35 – 39	50.50	49.50	100.00	98.18	1.82	100.00	38.84	61.16	100.00
40 – 44	84.82	15.18	100.00	100.00	-	100.00	84.13	15.87	100.00
45 – 49	47.16	52.84	100.00	100.00	-	100.00	46.08	53.92	100.00
All Ages	71.83	28.17	100.00	90.48	9.52	100.00	66.39	33.61	100.00

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

Table 5.7: Distribution of Women (15–49 years) who gave Birth by Place of Delivery by Area (Percent)

Place of Delivery	Bhutan	Urban	Rural
Hospital/Polyclinic/Maternity	36.52	64.31	28.41
At home with medical assistance	19.53	10.57	22.15
At home without specialized assistance	43.56	24.70	49.07
Others	0.38	0.42	0.37
Total	100.00	100.00	100.00

Table 5.8: Distribution of Women (15–49 years) with Knowledge and Use of Modern Contraceptive by Area (Percent)

Area	Yes	No	Don't know	Bhutan
Bhutan	64.44	28.25	7.31	100.00
Urban	75.75	20.14	4.11	100.00
Rural	61.42	30.42	8.16	100.00

Table 5.9: Distribution of Women (15–49 years) with Knowledge of Modern Contraceptive by Age Group and Area (Percent)

Age Group	Bhutan				Urban				Rural			
	Yes	No	Don't know	Total	Yes	No	Don't know	Total	Yes	No	Don't know	Total
15 – 19	55.18	33.58	11.24	100.00	63.66	28.32	8.02	100.00	53.05	34.90	12.05	100.00
20 – 24	66.53	26.97	6.50	100.00	79.97	17.71	2.32	100.00	62.54	29.72	7.74	100.00
25 – 29	70.18	23.86	5.95	100.00	80.47	16.62	2.91	100.00	66.18	26.68	7.14	100.00
30 – 34	69.33	26.48	4.19	100.00	80.82	16.51	2.68	100.00	65.82	29.52	4.65	100.00
35 – 39	69.71	25.23	5.06	100.00	79.65	17.73	2.62	100.00	66.83	27.41	5.76	100.00
40 – 44	63.79	28.74	7.47	100.00	72.99	23.09	3.92	100.00	61.95	29.87	8.17	100.00
45 – 49	61.50	30.46	8.04	100.00	73.49	19.24	7.26	100.00	19.69	77.66	2.65	100.00
All Ages	64.44	28.25	7.31	100.00	75.75	20.14	4.11	100.00	61.42	30.42	8.16	100.00

Table 5.10: Distribution of Women (15-49 years) not using any Contraceptives by Reason by Area and Age (Percent)

Age Group	Not concerned	Not available	Religious /moral objection	Husband /family objection	Due to side effects	Does not want to respond	Total
Bhutan	77.76	0.56	1.22	7.00	3.49	9.97	100.00
15 – 19	79.67	0.24	0.16	6.31	1.18	12.44	100.00
20 – 24	76.06	0.05	0.78	8.39	3.14	11.57	100.00
25 – 29	80.43	0.76	0.52	5.86	2.82	9.61	100.00
30 – 34	75.66	0.11	3.20	7.63	4.52	8.89	100.00
35 – 39	76.69	1.37	0.21	5.42	6.30	10.01	100.00
40 – 44	68.30	1.38	6.93	9.88	10.06	3.45	100.00
45 – 49	82.61	1.34	0.84	6.49	3.27	5.46	100.00
Urban	86.90	0.39	1.18	2.77	3.03	5.72	100.00
15 – 19	88.79	-	0.66	2.99	0.25	7.32	100.00
20 – 24	86.29	0.16	1.52	2.08	3.13	6.82	100.00
25 – 29	86.92	0.53	0.28	2.92	4.50	4.86	100.00
30 – 34	85.55	0.43	2.34	3.46	6.40	1.82	100.00
35 – 39	86.08	0.53	0.88	3.88	3.17	5.46	100.00
40 – 44	79.67	2.69	4.73	2.69	6.78	3.45	100.00
45 – 49	92.29	-	-	1.05	1.75	4.90	100.00
Rural	74.71	0.61	1.24	8.41	3.65	11.38	100.00
15 – 19	76.79	0.31	-	7.36	1.48	14.06	100.00
20 – 24	71.73	-	0.47	11.06	3.15	13.59	100.00
25 – 29	77.37	0.87	0.65	7.25	2.03	11.83	100.00
30 – 34	72.46	-	3.47	8.97	3.94	11.16	100.00
35 – 39	73.76	1.63	-	5.87	7.29	11.44	100.00
40 – 44	65.63	1.07	7.42	11.61	10.82	3.45	100.00
45 – 49	81.17	1.54	0.96	7.29	3.49	5.55	100.00

Note: “-” indicates a sample estimate less than 100 persons. Estimates not sufficiently reliable because of small number of observations.

CHAPTER VI

HOUSEHOLD EXPENDITURE

Household expenditure for the BLSS data were obtained by adding the various goods and services purchased, consumed from own production and received as gifts. Consumption expenditure of all these goods and services reported in the different parts of the BLSS questionnaire was converted into values (Ngultrum), expressed as annual values, and then aggregated together to obtain a measure of annual household expenditure. The various components of consumption expenditure used to construct this aggregate had been grouped into three main groups: (i) Food items, (ii) Non-food items and Housing Services. The specific items included in each component, as well as methodology is briefly outlined below.

6.1 Food Consumption Expenditure

Households consume food obtained from a variety of sources. The food consumption component was constructed from the data collected in Block 8 of the BLSS questionnaire; the food consumption module questionnaire contains separate sets of questions on (i) food purchased in the market place, including meals purchased away from home, (ii) food that is home-produced, (iii) food items received as gifts from other households, as well as (iv) food received from employers as payment in-kind for services rendered. The food purchases module contains questions on purchases of a fairly comprehensive list of food items during a relatively short reference period, i.e. the last two weeks and during a typical month. Data are collected on the total amount spent on purchasing each food item, and also on the quantities purchased, during the specified reference period. Calculating the food purchases sub-aggregate involve converting all reported expenditure on food items to a uniform reference period-one year and then aggregating these expenditures across all food items purchased by the household.

The survey also asked the total value of meals taken outside the home by all household members; this amount was also included in the food consumption aggregate.

Data were collected on both the value and quantity of consumption from home-produced. The home-production food sub-aggregate was calculated by adding the reported value of consumption of each of the home-produced food items in a manner analogous to that followed in the case of food purchases.

Consumption of food received as payment in-kind and gifts were added to the overall food aggregate. For the items where the quantities were reported in local units, were converted based on standardization of measurement unit survey by region specific to standard units. In case of households consuming non-zero quantities of a particular item with missing values and cases with inconsistent data on quantity and value (outliers of unit price), median regional unit prices were used to make imputations. Median was computed and used separately for purchased and own produced items.

6.2 Non-food Consumption Expenditure

Unlike many homogeneous food items, most non-food are too heterogeneous to permit the collection of information on quantities, BLSS collected data pertaining only on the value of non-food over the reference period. Data on purchases of non-food items were collected at different recall periods, i.e. over the past month, or the past 12 months, depending on how frequently the particular items were typically purchased. Constructing the non-food aggregate thus entails converting all those reported amounts to a uniform reference period of one year, and then aggregating across the various items. The non-food consumption aggregate was constructed using data collected in Block 9, which included expenditure on clothing and footwear, transport and communication, household

operations, recreation, furnishing and equipment, and miscellaneous. The non-food expenditure also included expenditure on housing, education and health.

6.3 Housing

The estimate of the annual value of household expenditure on housing services was based on the data on the rental value of the dwelling. In case of the households renting their dwelling, the value of expenditure of housing services was taken to be the annual rental paid. In most cases, households own the dwelling and do not pay actual rent. These households were asked to impute the rental value of the dwelling unit in which they reside. Other household provided with housing free of charge (or at subsidized rates) by their employer or other entities were likewise asked to impute the rental value of the dwelling unit. In cases where households owning their dwelling were unable to provide a credible estimate of a rental value for their home (104 cases), the rental values were imputed to the dwelling by analyzing the materials used for the construction and based on the number of rooms for a particular location, rental value were provided. Based on the provided rental values for same construction material and the number of rooms in a specific location an average value was calculated and imputed for the missing rental values.

Total annual household consumption expenditure is obtained by aggregating together the three main components of consumption such as food consumption, non-food consumption and housing expenditures and remittances sent from the household was not included.

Monthly Household Consumption Expenditure (MHCE)

The average monthly household consumer expenditure for Bhutan was estimated at Nu. 7362 with a monthly per capita consumer expenditure of Nu. 1728. The MHCE for urban and rural areas were estimated at Nu. 11125 and Nu. 6251 with corresponding MPCE of Nu. 2982 and Nu.1358 respectively.

Table 6.1: Monthly Household Consumption Expenditure by Area (Ngultrum)

Area	Household Size	MHCE (Nu.)	MPCE (Nu.)
Bhutan	5.12	7362.50	1728.10
Urban	4.32	11125.03	2982.22
Rural	5.36	6250.88	1357.58

MHCE: Monthly Household consumer expenditure

MPCE: Monthly per capita expenditure

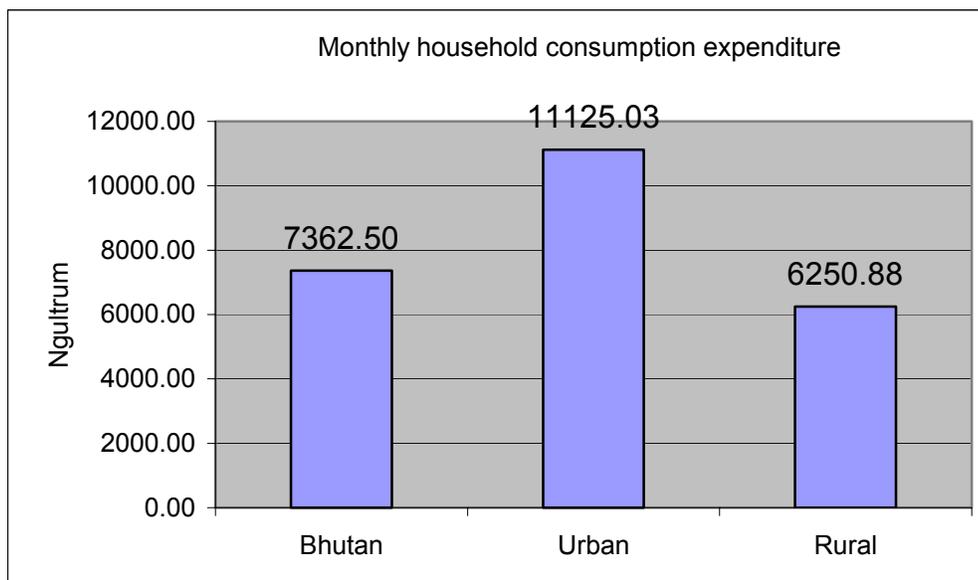


Table 6.2: Average Monthly Per capita Consumption Expenditure by Area and Population Quintile (in Ngultrum)

Population Quintile	Bhutan		Urban		Rural	
	MPCE Class	Average (Nu)	MPCE Class	Average (Nu)	MPCE Class	Average (Nu)
First Quintile	233 – 627	476.55	435 - 1330	569.91	233 – 556	475.23
Second Quintile	628 – 949	783.29	1331 - 1837	816.71	557 – 813	780.71
Third Quintile	950 - 1433	1167.64	1838 – 2549	1193.97	814 – 1139	1161.48
Fourth Quintile	1434 – 2339	1817.58	2550 – 3957	1848.83	1140 – 1803	1801.04
Fifth Quintile	2340+	4394.20	3958+	4751.93	1804+	4008.00
Mean		1728.10		2982.22		1357.58
Median		1148.36		2185.22		953.79

Table 6.3: Mean Monthly Per capita and Share of Consumption Expenditure by Population Quintile and Area (in Ngultrum)

Population Quintile	Bhutan			Urban			Rural		
	Average Household Size	Mean	Column Percent	Average Household Size	Mean	Column Percent	Average Household Size	Mean	Column Percent
First Quintile	6.62	476.55	5.52	6.37	569.91	6.21	6.63	475.23	5.78
Second Quintile	5.76	783.29	9.07	5.57	816.71	8.90	5.78	780.71	9.49
Third Quintile	5.01	1167.64	13.52	5.16	1193.97	13.00	4.98	1161.48	14.12
Fourth Quintile	4.57	1817.58	21.04	4.55	1848.83	20.14	4.58	1801.04	21.89
Fifth Quintile	3.63	4394.20	50.86	3.63	4751.93	51.76	3.63	4008.00	48.72
Ratio of Fifth to First Quintile		9.22			8.34			8.43	
Overall	5.12	1728.10		4.32	2982.22		5.36	1357.58	

Table 6.4: Structure of Consumption Expenditure by Area (Percent)

Items	Bhutan	Urban	Rural
Rice	7.10	4.51	8.47
Cereals, cereal preparation and pulses	3.51	2.65	3.97
Dairy products	6.91	5.75	7.52
Fish	0.96	0.87	1.01
Meat	3.62	3.11	3.90
Fruits	0.99	1.19	0.89
Vegetables	3.37	2.65	3.75
Tea and coffee	0.84	0.64	0.94
Cooking oil	1.96	1.53	2.18
Spices and seasonings	2.49	1.71	2.89
Alcoholic beverages	2.19	0.99	2.82
Non-alcoholic beverages	0.45	0.79	0.27
Food taken away from home	1.54	1.70	1.45
Tobacco and Doma	0.84	0.85	0.83
Sub-Total (Food)	36.77	28.93	40.90
Clothing & footwear	9.43	11.17	8.51
Transport & communications	4.48	9.04	2.08
Recreation	1.05	2.47	0.30
Furnishing & equipments	4.97	6.93	3.94
Miscellaneous	11.38	8.29	13.00
Educational Expenses	1.33	2.84	0.54
Health Expenses	2.92	2.39	3.20
Rental/Energy/Household Operation	27.67	27.94	27.52
Sub-Total (Non-Food)	63.23	71.07	59.10
Grand Total (Food+Non-Food)	100.00	100.00	100.00

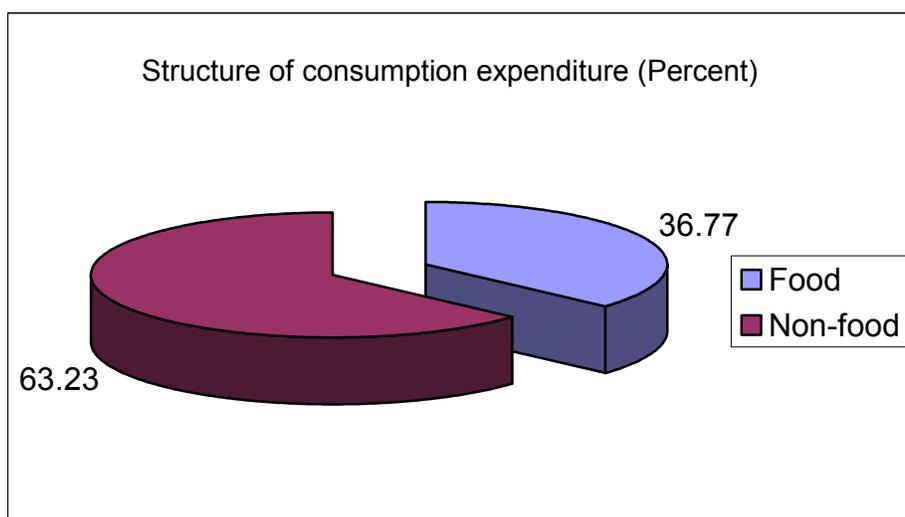


Table 6.5: Structure of Food Consumption by Area (Percent)

Food Consumption	Bhutan	Urban	Rural
Rice	20.66	17.10	21.93
Cereals, cereal preparation and pulses	10.22	10.05	10.28
Dairy products	20.09	21.80	19.47
Fish	2.79	3.28	2.61
Meat	10.54	11.78	10.09
Fruits	2.89	4.51	2.30
Vegetables	9.80	10.03	9.71
Tea and coffee	2.44	2.44	2.44
Cooking oil	5.69	5.80	5.65
Spices and seasonings	7.23	6.49	7.49
Alcoholic beverages	6.36	3.75	7.30
Non-alcoholic beverages	1.31	2.98	0.71
All	100.00	100.00	100.00

Table 6.6: Average Monthly Household Consumption Expenditure (MHCE) by Major Items and Area

Major Items	Bhutan MHCE		Urban MHCE		Rural MHCE	
	Mean	Percent	Mean	Percent	Mean	Percent
Rice	525.46	5.31	503.01	3.60	532.12	6.28
Cereals, cereal preparation and pulses	260.55	2.63	296.43	2.12	249.92	2.95
Dairy products	512.97	5.19	641.50	4.59	474.68	5.60
Fish	88.70	0.90	120.15	0.86	79.33	0.94
Meat	279.49	2.83	366.36	2.62	254.20	3.00
Fruits	77.62	0.78	135.39	0.97	59.67	0.70
Vegetables	248.84	2.52	295.00	2.11	235.17	2.77
Tea and coffee	64.11	0.65	72.71	0.52	61.50	0.73
Cooking oil	147.95	1.50	173.53	1.24	140.31	1.66
Spices and seasonings	183.40	1.85	190.73	1.36	181.23	2.14
Alcoholic beverages	241.43	2.44	261.57	1.87	238.05	2.81
Non-alcoholic beverages	62.05	0.63	100.98	0.72	39.25	0.46
Food Consumed away from home	997.32	10.08	1191.01	8.52	906.73	10.70
Tobacco and Doma	104.16	1.05	160.77	1.15	87.62	1.03
Clothing & Footwear	730.54	7.39	1258.80	9.01	566.44	6.68
Transport & Communication	416.18	4.21	1054.72	7.55	174.48	2.06
Household operation	233.63	2.36	469.49	3.36	163.19	1.93
Recreation	213.16	2.16	323.34	2.31	86.83	1.02
Furnishing & Equipment	472.27	4.78	1061.19	7.59	311.95	3.68
Miscellaneous expenditure	891.07	9.01	980.85	7.02	864.53	10.20
Educational Expenses	180.04	1.82	500.32	3.58	64.83	0.76
Health Expenses	1148.27	11.61	1167.53	8.35	1140.87	13.46
Rental Value for Housing	922.59	9.33	1992.50	14.26	606.49	7.16
Energy for home	888.30	8.98	656.91	4.70	956.04	11.28
Total	9890.07	100.00	13974.78	100.00	8475.42	100.00

Table 6.7a: Percent Distribution by Source and Category of Consumption Expenditure, Bhutan.

Major Items	Source			
	Total	Purchased	Home produced	Received as gift
Rice	7.10	5.02	19.23	4.38
Cereals, cereal preparation and pulses	3.51	2.07	11.84	1.88
Dairy products	6.91	4.78	19.64	2.50
Fish	0.96	1.11	0.31	0.21
Meat	3.62	3.23	6.15	1.94
Fruits	0.99	0.72	2.35	1.68
Vegetables	3.37	2.03	11.35	0.76
Tea and coffee	0.84	0.94	0.32	0.55
Cooking oil	1.95	2.26	0.52	0.75
Spices and seasonings	2.48	2.09	5.03	0.98
Alcoholic beverages	2.19	0.87	9.75	0.90
Non-alcoholic beverages	0.45	0.54	0.02	0.23
Food Consumed away from home	1.59	1.14	-	20.12
Tobacco and doma	0.84	0.91	0.52	0.54
Clothing & footwear	9.42	9.02	11.30	11.15
Transport & communications	4.48	5.40	-	1.57
Household operation	3.14	3.05	-	19.44
Recreation	1.05	1.28	-	0.12
Furnishing & equipments	4.97	5.56	1.51	5.82
Miscellaneous	11.37	12.87	0.15	24.46
Educational Expenses	1.33	1.63	-	-
Health Expenses	2.92	3.56	-	-
Rental Value of Housing	12.53	15.30	-	-
Energy for home	11.98	14.63	-	-
Total	100.00	100.00	100.00	100.00

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 6.7b: Percent Distribution by Source and Category of Consumption Expenditure, Bhutan.

Major Items	Source			
	Total	Purchased	Home produced	Received as gift
Rice	100.00	57.89	40.08	2.03
Cereals, cereal preparation and pulses	100.00	48.37	49.87	1.77
Dairy products	100.00	56.71	42.09	1.19
Fish	100.00	94.46	4.80	0.74
Meat	100.00	73.10	25.13	1.77
Fruits	100.00	59.30	35.12	5.58
Vegetables	100.00	49.35	49.90	0.75
Tea and coffee	100.00	92.15	5.67	2.18
Cooking oil	100.00	94.79	3.95	1.26
Spices and seasonings	100.00	68.75	29.96	1.30
Alcoholic beverages	100.00	32.64	66.00	1.36
Non-alcoholic beverages	100.00	97.75	0.55	1.70
Food Consumed away from home	100.00	58.41	-	41.59
Tobacco and Doma	100.00	88.63	9.24	2.13
Clothing & footwear	100.00	78.35	17.75	3.90
Transport & communications	100.00	98.85	-	1.15
Household operation	100.00	79.62	-	20.38
Recreation	100.00	99.62	-	0.38
Furnishing & equipments	100.00	91.63	4.51	3.86
Miscellaneous	100.00	92.72	0.19	7.08
Educational Expenses	100.00	100.00	-	-
Health Expenses	100.00	100.00	-	-
Rental Value of Housing	100.00	100.00	-	-
Energy for home	100.00	100.00	-	-
Total	100.00	81.91	14.80	3.29

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 6.8a: Percent Distribution by Source and Category of Consumption Expenditure, Urban Area.

Major Items	Source			
	Total	Purchased	Home produced	Received as gift
Rice	4.51	4.19	10.75	8.88
Cereals, cereal preparation and pulses	2.65	2.59	4.56	2.69
Dairy products	5.75	5.82	5.86	3.24
Fish	0.87	0.91	0.16	0.03
Meat	3.11	3.07	5.83	1.24
Fruits	1.19	1.18	0.97	1.84
Vegetables	2.65	2.69	3.27	0.48
Tea and coffee	0.64	0.66	0.05	0.80
Cooking oil	1.53	1.59	0.05	1.11
Spices and seasonings	1.71	1.69	2.72	1.27
Alcoholic beverages	0.99	0.97	1.57	0.96
Non-alcoholic beverages	0.79	0.83	0.07	0.09
Food Consumed away from home	1.70	1.32	-	16.88
Tobacco and Doma	0.85	0.88	0.33	0.24
Clothing & footwear	11.17	9.52	63.06	11.60
Transport & communications	9.04	9.44	-	4.96
Household operation	4.21	3.64	-	29.09
Recreation	2.47	2.60	-	0.35
Furnishing & equipments	6.93	7.28	0.63	1.61
Miscellaneous	8.29	8.42	0.11	12.63
Educational Expenses	2.84	3.01	-	-
Health Expenses	2.39	2.53	-	-
Rental Value of Housing	17.91	18.98	-	-
Energy for home	5.82	6.17	-	-
Total	100.00	100.00	100.00	100.00

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 6.8b: Percent Distribution by Source and Category of Consumption Expenditure, Urban Area.

Major Items	Source			
	Total	Purchased	Home produced	Received as gift
Rice	100.00	87.63	7.09	5.28
Cereals, cereal preparation and pulses	100.00	92.16	5.12	2.72
Dairy products	100.00	95.45	3.03	1.51
Fish	100.00	99.35	0.57	0.08
Meat	100.00	93.35	5.58	1.07
Fruits	100.00	93.41	2.44	4.16
Vegetables	100.00	95.85	3.67	0.48
Tea and coffee	100.00	96.41	0.23	3.35
Cooking oil	100.00	97.96	0.09	1.95
Spices and seasonings	100.00	93.27	4.74	2.00
Alcoholic beverages	100.00	92.67	4.73	2.61
Non-alcoholic beverages	100.00	99.43	0.28	0.30
Food Consumed away from home	100.00	73.32	-	26.68
Tobacco and doma	100.00	98.08	1.15	0.77
Clothing & footwear	100.00	80.42	16.80	2.79
Transport & communications	100.00	98.53	-	1.47
Household operation	100.00	81.47	-	18.53
Recreation	100.00	99.62	-	0.38
Furnishing & equipments	100.00	99.11	0.27	0.62
Miscellaneous	100.00	95.87	0.04	4.09
Educational Expenses	100.00	100.00	-	-
Health Expenses	100.00	100.00	-	-
Rental Value of Housing	100.00	100.00	-	-
Energy for home	100.00	100.00	-	-
Total	100.00	94.34	2.97	2.68

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 6.9a: Percent Distribution by Source and Category of Consumption Expenditure, Rural Area.

Major Items	Source			
	Total	Purchased	Home produced	Received as gift
Rice	8.46	5.56	19.86	2.63
Cereals, cereal preparation and pulses	3.97	1.74	12.38	1.57
Dairy products	7.51	4.10	20.66	2.21
Fish	1.01	1.23	0.32	0.29
Meat	3.89	3.34	6.17	2.22
Fruits	0.89	0.42	2.46	1.62
Vegetables	3.75	1.59	11.95	0.88
Tea and coffee	0.94	1.13	0.34	0.46
Cooking oil	2.18	2.71	0.56	0.61
Spices and seasonings	2.89	2.34	5.20	0.86
Alcoholic beverages	2.82	0.81	10.36	0.88
Non-alcoholic beverages	0.27	0.35	0.01	0.29
Food Consumed away from home	1.54	1.02	-	21.38
Tobacco and Doma	0.83	0.92	0.54	0.66
Clothing & footwear	8.51	8.68	7.45	10.97
Transport & communications	2.08	2.75	-	0.24
Household operation	2.58	2.67	-	15.67
Recreation	0.30	0.40	-	0.03
Furnishing & equipments	3.94	4.43	1.58	7.47
Miscellaneous	12.99	15.80	0.15	29.08
Educational Expenses	0.54	0.71	-	-
Health Expenses	3.19	4.24	-	-
Rental Value of Housing	9.70	12.87	-	-
Energy for home	15.22	20.19	-	-
Total	100.00	100.00	100.00	100.00

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 6.9b: Percent Distribution by Source and Category of Consumption Expenditure, Rural Area.

Major Items	Source			
	Total	Purchased	Home produced	Received as gift
Rice	100.00	49.56	49.32	1.12
Cereals, cereal preparation and pulses	100.00	32.98	65.59	1.43
Dairy products	100.00	41.12	57.82	1.06
Fish	100.00	92.25	6.72	1.03
Meat	100.00	64.60	33.34	2.06
Fruits	100.00	35.26	58.16	6.58
Vegetables	100.00	32.07	67.08	0.85
Tea and coffee	100.00	90.63	7.62	1.76
Cooking oil	100.00	93.62	5.37	1.01
Spices and seasonings	100.00	61.11	37.81	1.08
Alcoholic beverages	100.00	21.56	77.32	1.13
Non-alcoholic beverages	100.00	95.23	0.96	3.81
Food Consumed away from home	100.00	49.76	-	50.24
Tobacco and Doma	100.00	83.56	13.58	2.86
Clothing & footwear	100.00	76.93	18.41	4.66
Transport & communications	100.00	99.58	-	0.42
Household operation	100.00	78.03	-	21.97
Recreation	100.00	99.61	-	0.39
Furnishing & equipments	100.00	84.71	8.43	6.86
Miscellaneous	100.00	91.66	0.25	8.09
Educational Expenses	100.00	100.00	-	-
Health Expenses	100.00	100.00	-	-
Rental Value of Housing	100.00	100.00	-	-
Energy for home	100.00	100.00	-	-
Total	100.00	75.37	21.02	3.61

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 6.10a: Distribution of Households by size by Expenditure Quintile by Area (Percent)

Expenditure Quintile	Household Size					
	All Households	1 Member	2- 4 Members	5- 8 Members	9-11 Members	12 + Members
Bhutan	100.00	100.00	100.00	100.00	100.00	100.00
First Quintile	20.02	1.54	10.15	24.86	41.01	65.94
Second Quintile	20.01	6.07	14.69	24.30	29.22	17.22
Third Quintile	19.97	14.48	20.69	20.98	15.45	9.43
Fourth Quintile	19.99	12.87	26.24	17.79	10.81	6.72
Fifth Quintile	20.01	65.04	28.22	12.06	3.52	0.69
Urban	22.81	35.75	28.54	19.88	8.32	1.17
First Quintile	0.28	-	0.13	0.34	0.87	0.27
Second Quintile	1.44	-	0.80	2.12	1.28	0.21
Third Quintile	3.78	0.93	3.56	4.55	2.48	-
Fourth Quintile	6.92	1.86	9.27	6.59	2.09	-
Fifth Quintile	10.39	32.95	14.78	6.27	1.60	0.69
Rural	77.19	64.25	71.46	80.12	91.68	98.83
First Quintile	19.74	1.54	10.02	24.52	40.14	65.67
Second Quintile	18.58	6.07	13.89	22.18	27.94	17.00
Third Quintile	16.19	13.55	17.13	16.43	12.96	9.43
Fourth Quintile	13.07	11.00	16.97	11.20	8.72	6.72
Fifth Quintile	9.62	32.09	13.44	5.79	1.92	-

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 6.10b: Distribution of Households by size by Expenditure Quintile by Area (Percent)

Expenditure Quintile	Household Size					
	All Households	1 Member	2- 4 Members	5- 8 Members	9-11 Members	12 + Members
Bhutan	100.00	5.22	36.80	49.63	6.59	1.76
First Quintile	100.00	0.40	18.67	61.65	13.50	5.78
Second Quintile	100.00	1.59	27.01	60.27	9.62	1.51
Third Quintile	100.00	3.79	38.14	52.15	5.10	0.83
Fourth Quintile	100.00	3.36	48.31	44.17	3.56	0.59
Fifth Quintile	100.00	16.97	51.90	29.91	1.16	0.06
Urban	100.00	8.18	46.05	43.27	2.40	0.09
First Quintile	100.00	0.00	17.39	60.54	20.40	1.67
Second Quintile	100.00	0.00	20.52	73.36	5.86	0.26
Third Quintile	100.00	1.29	34.63	59.76	4.33	-
Fourth Quintile	100.00	1.41	49.30	47.30	1.99	-
Fifth Quintile	100.00	16.56	52.35	29.95	1.02	0.12
Rural	100.00	4.35	34.07	51.51	7.83	2.25
First Quintile	100.00	0.41	18.68	61.67	13.40	5.84
Second Quintile	100.00	1.71	27.51	59.26	9.91	1.61
Third Quintile	100.00	4.37	38.96	50.37	5.28	1.02
Fourth Quintile	100.00	4.40	47.79	42.52	4.40	0.90
Fifth Quintile	100.00	17.41	51.40	29.87	1.31	-

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

HOUSING, HOUSEHOLD FACILITIES AND ACCESS TO SERVICES

Housing is considered as one of the basic necessities of life besides food and clothing. The well-being of the population in general depends on the quality and adequacy of housing available. Besides, It is believed that the living condition of the people is directly affected by the structural characteristics, basic infrastructure facilities available to the households and their accessibility to services. Households are classified on the basis of the total time taken to travel to service facilities by mode of transport.

Occupancy status of the housing unit

Majority of the households in the country own the living quarters. Table 7.1, shows that the proportion of households owning their living quarters is more than 76 per cent and only 23 percent occupy rented quarters. Households, that actually pays rent is more significant in the urban areas as compared to rural areas.

Table 7.1: Distribution of Households, by type of Dwelling unit, by Tenure and Area (Percent)

Type of Dwelling	All Households	Tenure in Dwelling Unit				
		Own	Rent			
			Public Corporation	Employer	Private Person	Others
Bhutan	106900	76.6	7.6	1.5	11.5	2.7
House	80900	93.4	1.5	0.4	3.5	1.2
Part of a house	11500	24.8	22.5	5.6	37.0	10.1
Separate Apartment	10600	19.3	32.8	4.6	38.1	5.2
Shared Apartment	2800	15.0	30.4	6.6	40.7	7.2
Others	1200	89.4	3.6	-	5.9	-
Urban	24400	18.4	26.2	6.0	41.1	8.2
House	5500	53.0	13.2	3.8	23.2	6.8
Part of a house	8100	7.7	25.4	7.1	49.1	10.8
Separate Apartment	8400	7.1	35.7	5.8	44.8	6.5
Shared Apartment	2100	7.5	28.9	9.0	44.7	9.8
Others	300	72.4	-	-	23.5	-
Rural	82500	93.8	2.1	0.2	2.8	1.1
House	75400	96.3	0.7	0.1	2.1	0.8
Part of a house	3400	66.2	15.5	2.1	7.6	8.5
Separate Apartment	2100	67.6	21.1	-	11.3	-
Shared Apartment	800	35.7	34.5	-	29.7	-
Others	900	95.2	4.8	-	-	-

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.2: Distribution of Households by number of Rooms by Household Size and Area (Percent)

Number of Rooms	All Households	Household Size					
		1 - 2	3 - 4	5 - 6	7 - 8	8 - 9	10 Plus
Bhutan	106900	13.6	28.4	33.5	16.1	3.4	5.0
One room	26500	22.1	31.5	28.0	13.5	1.2	3.8
Two rooms	32200	13.0	29.8	36.0	14.0	3.2	4.1
Three rooms	20600	11.2	28.1	35.7	16.6	3.9	4.5
Four rooms	14500	7.2	26.4	32.7	19.8	5.9	7.9
Five or more rooms	13000	8.7	21.6	36.1	21.8	4.6	7.2
Urban	24400	17.8	36.4	34.0	9.2	1.5	1.0
One room	4000	35.7	38.6	24.4	1.4	-	-
Two rooms	8200	17.9	38.6	35.4	6.8	0.8	-
Three rooms	6800	14.2	36.4	35.3	11.7	1.8	-
Four rooms	3200	9.3	33.8	34.6	16.9	3.1	2.3
Five or more rooms	2300	8.9	28.4	41.2	13.8	3.3	4.4
Rural	82500	12.3	26.1	33.4	18.2	3.9	6.1
One room	22500	19.7	30.2	28.6	15.6	1.4	4.4
Two rooms	24000	11.3	26.9	36.2	16.5	4.0	5.3
Three rooms	13800	9.7	24.0	35.9	18.9	5.0	6.5
Four rooms	11400	6.7	24.3	32.2	20.6	6.7	9.5
Five or more rooms	10800	8.7	20.1	35.0	23.5	4.9	7.7

Note:“-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.3: Distribution of Households by type of Toilet used by Type of Dwelling by Area (Percent)

Type of Toilet	All Households	Type of Dwelling				
		House	Part of house	Separate Dwelling	Shared Apartment	Others
Bhutan	106900	75.7	10.7	9.9	2.6	1.1
None	7900	84.0	4.7	3.9	-	7.1
Shared with other households						
Flush toilet	3100	13.0	22.9	46.3	17.7	0.2
Pit latrine+septic tank	4600	40.9	23.9	19.4	14.3	1.4
Pit latrine no septic tank	8700	62.6	22.2	9.7	4.1	1.4
Others	100	72.7	-	27.3	-	-
Exclusive to household						
Flush toilet	12800	26.7	29.4	37.3	6.5	-
Pit latrine+septic tank	12800	72.5	13.7	11.7	1.7	-
Pit latrine no septic tank	56700	94.5	3.3	1.4	0.3	0.6
Others	200	83.1	-	-	-	-
Urban	24400	22.4	33.3	34.7	8.5	1.2
None	1000	49.7	21.8	13.5	-	12.4
Shared with other households						
Flush toilet	2700	9.4	24.2	48.5	17.8	-
Pit latrine+septic tank	2600	14.5	36.5	28.5	19.3	-
Pit latrine no septic tank	2000	23.3	46.0	22.8	5.7	-
Others	100	-	-	74.5	-	-
Exclusive to household						
Flush toilet	10700	17.6	32.9	42.6	6.7	-
Pit latrine+septic tank	3400	23.3	41.8	28.0	6.6	0.3
Pit latrine no septic tank	2000	59.2	23.7	13.1	-	3.3
Others	-	-	-	-	-	-
Rural	82500	91.4	4.1	2.6	0.9	1.1
None	6900	88.8	2.3	2.5	-	6.4
Shared with other households						
Flush toilet	400	37.6	14.1	31.5	16.9	0.0
Pit latrine+septic tank	2100	73.7	8.3	8.2	8.2	1.6
Pit latrine no septic tank	6700	74.1	15.2	5.9	3.6	1.2
Others	100	100.0	-	-	-	-
Exclusive to household						
Flush toilet	2100	73.7	10.9	9.9	5.5	-
Pit latrine+septic tank	9500	89.9	3.8	5.9	0.0	-
Pit latrine no septic tank	54600	95.8	2.5	0.9	0.3	0.5
Others	200	100.0	-	-	-	-

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.4: Distribution of Households by type of Toilet used by Type of Dwelling by Area (Percent)

Type of Toilet	All Households	Type of Dwelling				
		House	Part of House	Separate Dwelling	Shared Apartment	Others
Bhutan	100.0	100.0	100.0	100.0	100.0	100.0
None	7.4	8.2	3.2	2.9	0.9	48.4
Shared with other households						
Flush toilet	2.9	0.5	6.1	13.5	19.3	0.4
Pit latrine+septic tank	4.3	2.3	9.6	8.5	23.6	5.4
Pit latrine no septic tank	8.1	6.7	16.8	8.0	12.6	10.8
Others	0.1	0.1	-	0.4	-	-
Exclusive to household						
Flush toilet	12.0	4.2	32.7	45.0	29.4	1.6
Pit latrine+septic tank	12.0	11.5	15.4	14.2	7.9	3.7
Pit latrine no septic tank	53.1	66.2	16.1	7.3	6.3	29.6
Others	0.2	0.2	-	0.3	-	-
Urban	22.8	6.8	70.7	79.9	73.3	25.3
None	0.9	0.6	1.8	1.2	0.9	10.4
Shared with other households						
Flush toilet	2.5	0.3	5.6	12.3	17.0	0.4
Pit latrine+septic tank	2.4	0.5	8.2	6.9	17.6	2.7
Pit latrine no septic tank	1.8	0.6	7.9	4.2	4.0	3.6
Others	-	-	-	0.4	-	-
Exclusive to household						
Flush toilet	10.0	2.3	30.7	43.1	25.4	1.6
Pit latrine+septic tank	3.1	1.0	12.2	8.9	7.9	0.8
Pit latrine no septic tank	1.9	1.5	4.2	2.5	0.5	5.8
Others	-	-	-	0.3	-	-
Rural	77.2	93.2	29.3	20.1	26.7	74.7
None	6.5	7.6	1.4	1.6	0.0	38.0
Shared with other households						
Flush toilet	0.4	0.2	0.5	1.2	2.4	0.0
Pit latrine+septic tank	1.9	1.9	1.5	1.6	6.0	2.8
Pit latrine no septic tank	6.3	6.1	8.9	3.7	8.6	7.1
Others	0.1	0.1	-	-	-	-
Exclusive to household						
Flush toilet	1.9	1.9	2.0	1.9	4.1	-
Pit latrine+septic tank	8.9	10.5	3.1	5.3	-	2.9
Pit latrine no septic tank	51.1	64.7	11.9	4.8	5.7	23.9
Others	0.2	0.2	-	-	-	-

Note:“-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.5 Distribution of Households Status of Electricity Use by type of Dwelling and Area (percent)

Type of Dwelling	All Households	With Electricity			Without Electricity			
		Total	Grid	Other	Total	Reasons		
						Too expensive	Not available	Other reason
Bhutan	106900	43.3	41.1	2.2	56.7	1.2	53.1	2.4
House	80900	29.8	27.4	2.4	70.2	1.5	65.8	2.8
Part of a house	11500	87.8	85.6	2.2	12.2	0.5	10.8	1.0
Separate Apartment	10600	86.6	85.6	1.0	13.4	-	12.3	1.0
Shared Apartment	2800	87.6	87.6	-	12.4	-	10.6	-
Others	1200	41.1	37.5	-	58.9	-	58.9	-
Urban	24400	97.5	97.4	-	2.5	-	0.8	1.5
House	5500	93.4	93.1	-	6.6	-	2.2	3.9
Part of a house	8100	99.2	98.9	-	0.8	-	-	-
Separate Apartment	8400	98.5	98.5	-	1.5	-	0.6	0.7
Shared Apartment	2100	97.5	97.5	-	2.5	-	-	-
Others	300	100.0	100.0	-	-	-	-	-
Rural	82500	27.3	24.5	2.8	72.7	1.5	68.6	2.6
House	75400	25.2	22.7	2.6	74.8	1.6	70.5	2.7
Part of a house	3400	60.3	53.4	6.9	39.7	-	36.3	2.0
Separate Apartment	2100	39.4	34.9	4.5	60.6	-	58.5	-
Shared Apartment	800	60.3	60.3	-	39.7	-	39.7	-
Others	900	21.1	16.3	-	78.9	-	78.9	-

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.6 Distribution of Households by use of Fuel for Lightning, Cooking and Heating by Area (Percent)

Fuel Use	All Households		Urban		Rural	
	Number	Percent	Number	Percent	Number	Percent
Lighting	106900	100.00	24400	100.00	82500	100.00
Electricity	43900	41.11	23700	97.35	20200	24.49
Kerosene or gas lamps	57100	53.45	600	2.35	56500	68.55
Candles	900	0.83	-	-	900	1.04
Others	4900	4.61	-	-	4900	5.92
Cooking	106900	100	24400	100.00	82500	100.00
Gas	24100	22.56	16800	68.95	7300	8.86
Electricity	8900	8.32	5200	21.44	3700	4.45
Wood	71100	66.55	1100	4.69	70000	84.82
Kerosene	2100	1.94	1100	4.68	1000	1.13
Others	700	0.62	100	0.25	600	0.73
Heating	106900	100.00	24400	100.00	82500	100.00
No Heating	25000	23.40	6300	25.86	18700	22.68
Bukhari (wood/coal stove)	9100	8.49	7500	30.75	1600	1.91
Electric heater	1000	0.92	500	1.90	500	0.62
Kerosene heater	3900	3.67	100	0.30	3900	4.67
Straw/brush/manure stove	24100	22.57	500	1.89	23700	28.68
Others	43800	40.95	9600	39.30	34200	41.43
Telephone in dwelling	106900	100.00	24374	100.00	82500	100.00
With telephone	12400	11.61	9727	39.90	2700	3.25
Without telephone	94500	88.39	14647	60.10	79800	96.75

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.7 Distribution of Households by Quantity of Firewood used by Household size by Area (Percent)

Firewood Used	All Households	Household Size					
		1 - 2	3 - 4	5 - 6	7 - 8	8 - 9	10 Plus
Bhutan							
Back load per month	80200	11.8	25.7	34.0	18.5	3.9	6.1
Less than 5	8000	29.2	21.9	27.9	11.2	5.0	4.7
5 to 10	24100	12.4	27.4	35.6	19.1	2.5	3.1
10 to 15	15600	10.3	27.0	34.9	18.4	3.7	5.6
15 to 20	13500	10.7	24.8	32.1	19.3	6.0	7.1
20 or more	19000	5.6	24.7	35.1	20.5	4.1	10.0
Truckload per year	10500	5.3	32.5	37.4	16.4	3.4	4.8
Less than 1	8000	5.8	34.9	35.7	17.0	3.6	2.9
1 or more	2400	3.7	24.7	43.1	14.5	2.8	11.2
Urban							
Back load per month	3300	10.8	28.1	42.5	13.5	3.6	1.6
Less than 5	1000	12.8	27.5	39.5	11.8	6.7	1.6
5 to 10	1100	12.9	18.1	50.8	14.2	2.7	1.3
10 to 15	500	-	41.1	34.8	16.3	-	-
15 to 20	200	-	33.3	39.8	-	-	-
20 or more	500	-	36.5	38.8	11.0	-	-
Truckload per year	4300	4.6	34.8	42.1	12.8	2.5	3.2
Less than 1	4100	4.9	34.8	41.4	13.4	2.7	2.9
1 or more	300	-	34.4	55.1	-	-	-
Rural							
Back load per month	77000	11.8	25.6	33.6	18.8	4.0	6.2
Less than 5	6900	31.7	21.1	26.2	11.1	4.7	5.2
5 to 10	23100	12.3	27.8	34.9	19.3	2.4	3.2
10 to 15	15200	10.4	26.5	34.9	18.5	3.8	5.8
15 to 20	13300	10.8	24.6	32.0	19.3	6.1	7.2
20 or more	18500	5.6	24.4	35.0	20.8	4.1	10.2
Truckload per year	6200	5.8	30.9	34.1	19.0	4.1	6.0
Less than 1	4000	6.8	35.1	29.8	20.8	4.6	2.9
1 or more	2200	4.1	23.6	41.8	15.9	3.1	11.5

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.8 Distribution of the Households by Construction materials for External wall by Quintile and Area (Percent)

Expenditure Quintile	All Households	Mud-bonded bricks/stones	Concrete Cement bonded bricks/stone	Mud	Wood/Branches	Other
Bhutan	106900	55.07	15.64	10.23	9.48	9.57
First Quintile	21400	66.84	1.87	3.21	10.71	17.38
Second Quintile	21400	61.47	7.20	6.70	10.92	13.71
Third Quintile	21400	55.14	12.32	11.22	12.21	9.12
Fourth Quintile	21400	51.97	21.12	14.61	7.16	5.15
Fifth Quintile	21300	39.90	35.73	15.43	6.43	2.50
Urban	24400	23.54	55.55	4.53	8.64	7.74
First Quintile	700	17.98	30.56	9.80	13.74	27.92
Second Quintile	2700	28.92	39.54	4.85	12.14	14.55
Third Quintile	4300	22.55	47.26	4.31	12.87	13.01
Fourth Quintile	6800	26.72	55.19	3.44	8.03	6.63
Fifth Quintile	9900	20.73	65.45	4.93	5.93	2.97
Rural	82500	64.38	3.85	11.92	9.73	10.11
First Quintile	20700	68.45	0.92	2.99	10.61	17.03
Second Quintile	18700	66.18	2.52	6.97	10.74	13.59
Third Quintile	17100	63.33	3.54	12.95	12.04	8.14
Fourth Quintile	14700	63.65	5.37	19.77	6.75	4.46
Fifth Quintile	11400	56.59	9.88	24.57	6.86	2.10

Table 7.9 Distribution of Households by Construction materials of the Roof by Quintile and Area (Percent)

Expenditure Quintile	All Households	Metal Sheets	Concrete/Cement / tiles/slate	Thatch	Plank/Shingles	Other
Bhutan	106900	57.30	2.06	11.52	23.74	5.37
First Quintile	21400	30.37	0.97	20.63	37.04	10.99
Second Quintile	21400	49.48	0.98	16.65	26.25	6.63
Third Quintile	21400	56.46	2.14	13.37	22.53	5.51
Fourth Quintile	21400	69.59	3.08	4.74	19.16	3.43
Fifth Quintile	21300	80.64	3.15	2.23	13.71	0.27
Urban	24700	87.40	5.22	1.05	3.45	2.87
First Quintile	700	70.47	2.78	3.65	5.41	17.69
Second Quintile	2700	75.94	6.03	3.07	7.55	7.40
Third Quintile	4300	82.80	5.55	1.26	5.97	4.43
Fourth Quintile	6800	90.26	4.52	0.89	2.41	1.93
Fifth Quintile	9900	91.74	5.50	0.35	1.83	0.57
Rural	82500	48.41	1.13	14.62	29.73	6.11
First Quintile	20700	29.04	0.91	21.20	38.09	10.77
Second Quintile	18700	45.65	0.25	18.62	28.96	6.52
Third Quintile	17100	49.84	1.28	16.41	26.69	5.78
Fourth Quintile	14700	60.04	2.42	6.51	26.90	4.13
Fifth Quintile	11400	70.99	1.10	3.87	24.04	0.00

Table 7.10 Distribution of the Households by Construction material of the Floor by Quintile and Area (Percent)

Expenditure Quintile	All Households	Wood	Cement / Tile	Clay/ Earthen floor	Plank/ Shingles	Other
Bhutan	106900	11.41	15.85	14.89	56.25	1.60
First Quintile	21400	4.87	3.78	17.52	70.65	3.18
Second Quintile	21400	8.16	9.11	22.69	58.19	1.85
Third Quintile	21400	12.19	13.78	22.20	51.13	0.70
Fourth Quintile	21400	14.22	22.38	7.82	54.47	1.11
Fifth Quintile	21300	17.62	30.22	4.24	46.76	1.16
Urban	24400	9.27	53.94	3.92	31.98	0.89
First Quintile	700	7.31	39.91	20.18	28.80	-
Second Quintile	2700	3.40	48.59	11.58	34.20	2.22
Third Quintile	4300	5.83	52.30	5.57	34.72	1.59
Fourth Quintile	6800	10.47	55.36	2.70	31.09	-
Fifth Quintile	9900	11.68	56.11	0.83	31.02	-
Rural	82500	12.04	4.60	18.14	63.41	1.81
First Quintile	20700	4.79	2.59	17.43	72.03	3.16
Second Quintile	18700	8.85	3.40	24.29	61.67	1.79
Third Quintile	17100	13.79	4.10	26.38	55.26	0.47
Fourth Quintile	14700	15.95	7.15	10.19	65.27	1.44
Fifth Quintile	11400	22.79	7.70	7.21	60.45	1.85

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.11 Distribution of Households by Sources of Drinking Water by Area by Quintile (Percent)

Expenditure Quintile	All Household	Pipe in dwelling	Neighbour	Public outdoor tap	Well & Spring	Others (River/Lake / Pond)
Bhutan	106900	52.57	6.08	23.41	13.80	4.14
First Quintile	21400	30.49	7.27	33.62	22.26	6.36
Second Quintile	21400	45.22	10.78	24.64	15.04	4.32
Third Quintile	21400	50.66	7.08	23.66	14.41	4.19
Fourth Quintile	21400	60.47	3.93	22.68	9.71	3.20
Fifth Quintile	21300	76.01	1.34	12.42	7.59	2.64
Urban	24400	80.54	4.43	13.71	0.79	0.53
First Quintile	700	40.35	20.91	33.19	-	-
Second Quintile	2700	59.44	12.88	24.65	-	-
Third Quintile	4300	69.29	5.25	23.01	2.05	-
Fourth Quintile	6800	81.87	3.93	12.86	0.81	-
Fifth Quintile	9900	93.00	0.99	5.96	-	-
Rural	82500	44.30	6.57	26.27	17.65	5.21
First Quintile	20700	30.17	6.82	33.63	23.00	6.39
Second Quintile	18700	43.16	10.47	24.64	16.98	4.75
Third Quintile	17100	45.97	7.54	23.83	17.52	5.14
Fourth Quintile	14700	50.58	3.94	27.23	13.83	4.43
Fifth Quintile	11400	61.24	1.64	18.04	14.14	4.94

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.12 Distribution of Households by Source of Fuel for Lighting by Quintile by Area (Percent)

Expenditure Quintile	All Households	Electricity	Kerosene or Gas lamps	Candles	Others
Bhutan	106900	41.11	53.45	0.83	4.61
First Quintile	21400	14.51	80.83	-	4.63
Second Quintile	21400	27.92	66.60	0.93	4.55
Third Quintile	21400	37.24	59.83	0.89	2.04
Fourth Quintile	21400	53.78	37.97	1.43	6.82
Fifth Quintile	21300	72.13	22.00	0.86	5.01
Urban	24400	97.35	2.35	-	0.17
First Quintile	700	91.23	8.04	-	0.00
Second Quintile	2700	94.04	5.48	-	0.00
Third Quintile	4300	96.46	3.38	-	0.16
Fourth Quintile	6800	97.28	2.41	-	0.31
Fifth Quintile	9900	99.09	0.63	-	0.14
Rural	82500	24.49	68.55	1.04	5.92
First Quintile	20700	11.97	83.24	-	4.79
Second Quintile	18700	18.35	75.45	0.99	5.21
Third Quintile	17100	22.35	74.02	1.12	2.51
Fourth Quintile	14700	33.67	54.41	2.09	9.83
Fifth Quintile	11400	48.67	40.58	1.50	9.25

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.13 Distribution of Households by Source of Fuel for Cooking by Quintile by Area (Percent)

Expenditure Quintile	All Households	Gas	Electricity	Wood	Kerosene	Others
Bhutan	106900	22.56	8.32	66.55	1.94	0.62
First Quintile	21400	1.53	1.78	94.44	1.95	0.31
Second Quintile	21400	9.53	6.67	80.82	2.56	0.41
Third Quintile	21400	14.96	8.92	73.04	2.14	0.94
Fourth Quintile	21400	31.79	12.57	52.27	2.22	1.15
Fifth Quintile	21300	55.04	11.67	32.13	0.84	0.31
Urban	24400	68.94	21.44	4.69	4.69	0.25
First Quintile	700	22.04	26.72	18.83	32.41	-
Second Quintile	2700	50.17	29.34	7.36	12.65	-
Third Quintile	4300	59.41	26.30	7.95	6.34	-
Fourth Quintile	6800	67.49	24.99	4.28	3.00	-
Fifth Quintile	9900	82.40	14.40	1.84	1.04	-
Rural	82500	8.86	4.45	84.82	1.13	0.74
First Quintile	20700	0.85	0.95	96.94	0.94	0.32
Second Quintile	18700	3.65	3.39	91.46	1.10	0.40
Third Quintile	17100	3.79	4.56	89.40	1.08	1.17
Fourth Quintile	14700	15.29	6.84	74.44	1.86	1.58
Fifth Quintile	11400	31.24	9.29	58.48	0.68	-

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.14 Distribution of Households by Source of Fuel for Heating Dwelling by Quintile by Area (Percent)

Expenditure Quintile	All Households	Bukhari	Electric Heater	Kerosene Heater	Straw/bush/ manure stove	Other	Does not heat dwelling
Bhutan	106900	23.75	8.47	0.92	3.67	22.57	40.62
First Quintile	21400	13.15	1.39	0.56	3.95	34.06	46.90
Second Quintile	21400	13.46	3.84	0.77	3.66	29.16	49.11
Third Quintile	21400	19.80	5.54	1.49	5.76	23.41	44.00
Fourth Quintile	21400	30.96	12.54	0.63	2.92	17.67	35.29
Fifth Quintile	21300	41.39	19.07	1.13	2.08	8.55	27.78
Urban	24400	25.92	30.69	1.90	0.31	1.88	39.30
First Quintile	700	-	16.23	-	-	-	69.30
Second Quintile	2700	15.55	22.55	-	-	4.33	57.16
Third Quintile	4300	20.56	22.61	2.40	-	2.40	51.75
Fourth Quintile	6800	25.82	33.74	1.45	-	2.01	36.83
Fifth Quintile	9900	32.49	35.31	2.43	-	0.66	28.67
Rural	82500	23.11	1.91	0.62	4.67	28.68	41.00
First Quintile	20700	13.38	0.90	0.49	4.08	35.00	46.16
Second Quintile	18700	13.16	1.13	0.87	4.15	32.76	47.94
Third Quintile	17100	19.60	1.25	1.26	7.14	28.69	42.05
Fourth Quintile	14700	33.34	2.74	-	4.19	24.91	34.57
Fifth Quintile	11400	49.13	4.95	-	3.51	15.41	27.00

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.15 Distribution of Households by Mode of Transportation to the nearest Service Center by Area (Percent)

Type of services	Bhutan	Foot	Bicycle	Motor Vehicle	Foot & vehicle	Other	Not Applicable
Bhutan							
Post Office	100.00	52.15	0.18	8.65	20.39	0.83	17.80
Nearest phone	100.00	55.19	-	3.97	14.39	0.39	26.01
Police	100.00	42.10	0.13	10.68	27.17	0.92	19.00
Hospital/health unit (BHU)	100.00	75.17	0.10	9.25	13.59	1.12	0.77
Drugstore, pharmacy	100.00	22.32	0.10	7.35	10.92	0.84	58.47
Source of firewood	100.00	76.47	-	1.23	1.34	0.58	20.38
Tarred road	100.00	82.75	-	2.14	7.02	-	8.00
Feeder road	100.00	49.61	0.05	0.99	1.08	0.16	48.11
Food market/Shop	100.00	75.51	0.12	6.98	13.21	0.85	3.33
Bank	100.00	35.99	0.12	12.89	30.56	1.04	19.41
Extension center	100.00	65.41	0.12	6.70	10.59	0.64	16.55
Petrol station	100.00	40.66	0.27	9.59	19.86	1.15	28.47
Bus station	100.00	56.75	0.12	9.66	22.00	1.41	10.06
Urban							
Post Office	100.00	64.04	0.30	17.44	11.05	1.96	5.22
Nearest phone	100.00	54.86	0.18	3.55	2.26	0.29	38.87
Police	100.00	55.71	0.26	18.09	11.34	1.41	13.18
Hospital/health unit (BHU)	100.00	61.70	0.26	20.49	13.98	2.86	0.71
Drugstore, pharmacy	100.00	50.14	0.11	15.60	10.93	1.97	21.24
Source of firewood	100.00	16.94	-	1.74	2.31	1.19	77.83
Tarred road	100.00	84.63	-	3.27	1.61	0.20	10.29
Feeder road	100.00	29.56	0.22	1.73	1.58	0.24	66.67
Food market/Shop	100.00	67.27	0.24	14.53	12.78	2.15	3.03
Bank	100.00	56.26	0.41	20.74	14.05	2.36	6.18
Extension center	100.00	31.80	0.16	10.59	6.90	1.79	48.75
Petrol station	100.00	44.60	0.41	21.84	11.62	2.88	18.65
Bus station	100.00	61.11	0.37	18.16	12.71	2.93	4.72
Rural							
Post Office	100.00	48.64	0.14	6.05	23.14	0.50	21.52
Nearest phone	100.00	55.29	-	4.10	17.98	0.42	22.22
Police	100.00	38.08	0.09	8.49	31.84	0.77	20.72
Hospital/health unit (BHU)	100.00	79.16	0.05	5.92	13.48	0.61	0.78
Drugstore, pharmacy	100.00	14.10	0.10	4.91	10.91	0.51	69.47
Source of firewood	100.00	94.05	-	1.08	1.06	0.40	3.41
Tarred road	100.00	82.19	0.05	1.81	8.62	-	7.33
Feeder road	100.00	55.54	-	0.77	0.93	0.13	42.63
Food market/Shop	100.00	77.94	0.09	4.75	13.33	0.46	3.42
Bank	100.00	29.99	-	10.57	35.44	0.65	23.32
Extension center	100.00	75.34	0.11	5.54	11.68	0.30	7.03
Petrol station	100.00	39.49	0.23	5.97	22.29	0.64	31.37
Bus station	100.00	55.46	0.05	7.15	24.74	0.96	11.64

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.16 Distribution of Households by Time taken to reach the nearest Service Center by Area (Percent)

Type of services	Bhutan	Up to 60 Minutes	1 -2 Hours	2 Hours or More	Not Applicable
Bhutan					
Post Office	100.00	42.86	23.63	15.71	17.80
Nearest phone	100.00	38.71	22.26	13.01	26.02
Police	100.00	35.91	25.54	19.55	19.00
Hospital/health unit (BHU)	100.00	63.00	28.02	8.21	0.77
Drugstore, pharmacy	100.00	26.89	9.43	5.21	58.47
Source of firewood	100.00	54.86	21.31	3.45	20.38
Tarred road	100.00	55.03	21.20	15.77	8.00
Feeder road	100.00	35.48	8.15	8.26	48.11
Food market/Shop	100.00	57.03	24.02	15.62	3.33
Bank	100.00	34.16	23.95	22.48	19.41
Extension center	100.00	48.77	23.39	11.30	16.55
Petrol station	100.00	34.19	20.35	16.99	28.47
Bus station	100.00	43.13	26.53	20.28	10.06
Urban					
Post Office	100.00	94.08	0.54	0.16	5.22
Nearest phone	100.00	60.77	0.34	-	38.87
Police	100.00	86.09	0.72	-	13.18
Hospital/health unit (BHU)	100.00	97.98	1.14	0.17	0.71
Drugstore, pharmacy	100.00	77.97	0.73	0.07	21.24
Source of firewood	100.00	15.58	6.17	0.43	77.83
Tarred road	100.00	89.12	0.31	0.28	10.29
Feeder road	100.00	32.88	0.16	0.28	66.67
Food market/Shop	100.00	96.41	0.49	0.07	3.03
Bank	100.00	92.51	0.93	0.38	6.18
Extension center	100.00	49.97	1.24	0.05	48.75
Petrol station	100.00	80.13	0.70	0.52	18.65
Bus station	100.00	93.84	1.07	0.37	4.72
Rural					
Post Office	100.00	27.72	30.45	20.31	21.52
Nearest phone	100.00	32.19	28.74	16.85	22.22
Police	100.00	21.09	32.87	25.33	20.72
Hospital/health unit (BHU)	100.00	52.67	35.96	10.59	0.78
Drugstore, pharmacy	100.00	11.80	12.00	6.73	69.47
Source of firewood	100.00	66.46	25.78	4.35	3.41
Tarred road	100.00	44.96	27.38	20.34	7.33
Feeder road	100.00	36.24	10.51	10.61	42.63
Food market/Shop	100.00	45.39	30.97	20.21	3.42
Bank	100.00	16.92	30.75	29.01	23.32
Extension center	100.00	48.41	29.93	14.63	7.03
Petrol station	100.00	20.62	26.16	21.85	31.37
Bus station	100.00	28.14	34.05	26.17	11.64

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 7.17: Distribution of Households by Frequency of use of Public Transport by Area (Percent)

Area	All Households	Use of Public transport			
		Never	Less than once a month	Atleast once a month	Atleast once a week
Bhutan	106900	18.3	48.0	22.0	11.6
Urban	24400	15.5	34.7	25.1	24.7
Rural	82500	19.1	51.9	21.1	7.8

Table 7.18: Distribution of Households by the Assessment of Quality of Public Transportation by Area (Percent)

Area	Quality of Services								
	Frequency (schedules)			Affordability (cost)			Timeliness		
	Bhutan	Urban	Rural	Bhutan	Urban	Rural	Bhutan	Urban	Rural
Bhutan	87300	23.60	76.40	87300	23.60	76.40	87300	23.60	76.40
Good	52100	30.75	69.25	38900	32.29	67.71	46500	30.07	69.93
Satisfactory	25900	15.19	84.81	38500	17.91	82.09	29500	18.89	81.11
Bad	5700	6.41	93.59	7200	13.71	86.29	6800	9.52	90.48
Doesn't know	3600	8.05	91.95	2700	5.84	94.16	4500	8.84	91.16

Note:- Assessment is based on those households using the facilities.

Table 7.19: Distribution of Households by the Assessment of Quality of Public Transportation by Area (Percent)

Area	Quality								
	Frequency (schedules)			Affordability (cost)			Timeliness		
	Bhutan	Urban	Rural	Bhutan	Urban	Rural	Bhutan	Urban	Rural
Bhutan	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00
Good	59.65	77.71	54.06	44.54	60.94	39.48	53.29	67.90	48.78
Satisfactory	29.65	19.09	32.91	44.15	33.50	47.44	33.76	27.03	35.84
Bad	6.54	1.78	8.01	8.26	4.80	9.33	7.74	3.13	9.17
Doesn't know	4.17	1.42	5.01	3.04	0.75	3.75	5.21	1.95	6.21

Note:- Assessment is based on those households using the facilities.

Table 7.20: Distribution of Households by Access to Credit/Loan Facilities by Area (Percent)

Area	All Households	Sources of Loans					
		Banks	BDFC/ RICB	Relatives / Friends	Other	No Access	Don't Know
Bhutan	106900	37.18	19.18	33.47	3.67	2.17	4.33
Urban	24400	58.36	7.10	19.64	6.10	2.19	6.61
Rural	82500	30.92	22.75	37.56	2.95	2.17	3.66

Table 7.21: Distribution of Households with Loans, by Sources, by Area (Percent)

Area	All Households	Yes	No	Don't know
Loans From Bank				
Bhutan	106900	7.91	91.50	0.59
Urban	24400	17.03	82.44	0.53
Rural	82500	5.21	94.17	0.61
Loans From BDFC/RICB				
Bhutan	106900	9.10	90.27	0.62
Urban	24400	5.54	93.94	0.52
Rural	82500	10.16	89.19	0.65
Loans From Relatives				
Bhutan	106900	20.62	78.59	0.79
Urban	24400	11.96	86.87	1.18
Rural	82500	23.18	76.15	0.67
Loans From to Others				
Bhutan	106900	1.76	97.26	0.98
Urban	24400	2.41	96.50	1.09
Rural	82500	1.57	97.48	0.95

Table 7.22: Distribution of Households by Welfare Priorities by Area (Percent)

Welfare Priorities	Bhutan	Urban	Rural
All Households	106900	22.81	77.19
Electrification	24900	6.00	94.00
Agriculture and Food Assistance	18600	20.94	79.06
Road Infrastructures	16600	3.28	96.72
Housing Related Facilities	12300	53.73	46.27
Water supply	11300	20.22	79.78
Provision of Credit Facilities	6100	31.82	68.18
Schooling Facilities	5800	22.80	77.20
Vocational Training Facilities	3400	77.95	22.05
Health Facilities	2500	28.04	71.96
Waste Management	1600	82.73	17.27
Public Transport Facilities	1500	26.25	73.75
Other	2200	52.61	47.39

Table 7.23: Distribution of Households by Welfare Priorities by Area (Percent)

Welfare Priorities	Bhutan	Urban	Rural
All Households	100.00	100.00	100.00
Electrification	23.29	1.41	12.15
Agriculture and Food Assistance	17.42	4.91	10.22
Road Infrastructures	15.53	0.77	12.50
Housing Related Facilities	11.47	12.60	5.98
Water supply	10.56	4.74	10.31
Provision of Credit Facilities	5.72	7.46	8.81
Schooling Facilities	5.44	5.35	9.98
Vocational Training Facilities	3.22	18.28	2.85
Health Facilities	2.30	6.58	9.30
Waste Management	1.54	19.40	2.23
Public Transport Facilities	1.39	6.16	9.53
Other	2.05	12.34	6.13

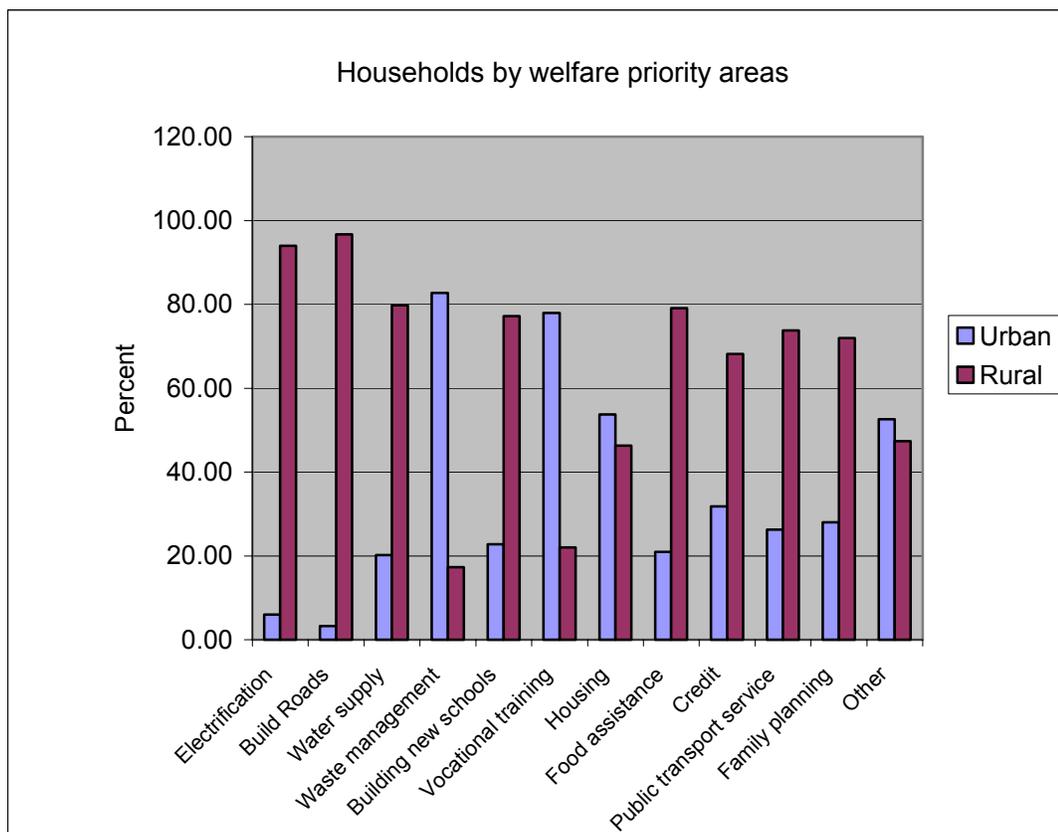


Table 7.24: Distribution of Households by Main Purpose of the Remittances by Area (Percent)

Main use of assistance	Bhutan	Urban	Rural
All Households	28800	33.69	66.31
Child support	10800	16.86	83.14
Medical Support	200	11.98	88.02
Wedding/funeral	700	16.52	83.48
Business	100	40.00	60.00
Food and clothing	5900	23.04	76.96
Durable goods	700	53.88	46.12
Other	1700	50.79	49.21
Multiple uses	8900	58.40	41.60
Doesn't know	200	46.30	53.70

CHAPTER – VIII

SOURCE OF INCOME AND ASSETS OWNERSHIP

BLSS collected information on the assets ownership of the household and source of income. In this survey a list of items has been prepared to include household's asset. The identified items included a range of household equipments/facilities, Transportation modes and Communication Equipments and Recreational items. Comprehensive tabulation on the Household's ownership of assets had been presented in this chapter. Besides, the physical well-being of the household depends on the ownership of land and livestock, and main source of income.

Table 8.1: Distribution of Households by type of Assets Ownership by Area (Percent)

Type of Assets	Bhutan			Urban			Rural		
	Total	Yes	No	Total	Yes	No	Total	Yes	No
Kitchen & Laundry									
Refrigerator	100.00	12.01	87.99	22.81	9.98	12.83	77.19	2.02	75.17
Microwave oven	100.00	2.48	97.52	22.81	1.82	20.98	77.19	0.66	76.53
Modern Stove	100.00	23.83	76.17	22.81	16.03	6.78	77.19	7.80	69.39
Rice cooker	100.00	31.28	68.72	22.81	19.76	3.05	77.19	11.52	65.67
Curry cooker	100.00	16.23	83.77	22.81	12.67	10.14	77.19	3.56	73.63
Water boiler	100.00	20.11	79.89	22.81	15.14	7.66	77.19	4.97	72.22
Bukharies	100.00	24.41	75.59	22.81	10.86	11.95	77.19	13.55	63.64
Washing machine	100.00	2.93	97.07	22.81	2.41	20.39	77.19	0.52	76.67
Recreation & Culture									
Television	100.00	17.31	82.69	22.81	14.38	8.43	77.19	2.93	74.27
VCR/VCD	100.00	8.48	91.52	22.81	6.64	16.16	77.19	1.84	75.35
Camera	100.00	11.70	88.30	22.81	7.71	15.10	77.19	3.99	73.20
Radio	100.00	67.14	32.86	22.81	16.54	6.27	77.19	50.61	26.59
Wrist watch	100.00	74.84	25.16	22.81	20.74	2.07	77.19	54.10	23.09
Foreign Bow	100.00	4.28	95.72	22.81	1.53	21.27	77.19	2.75	74.44
Cordless Phone	100.00	1.80	98.20	22.81	1.24	21.57	77.19	0.56	76.63
Computer	100.00	1.11	98.89	22.81	1.00	21.80	77.19	0.10	77.09
Furniture & Fixture									
Choesham	100.00	42.77	57.23	22.81	11.90	10.90	77.19	30.87	46.33
Sofa set	100.00	13.11	86.89	22.81	10.57	12.24	77.19	2.54	74.65
Heater	100.00	15.20	84.80	22.81	10.91	11.90	77.19	4.29	72.90
Fan	100.00	6.38	93.62	22.81	5.23	17.58	77.19	1.15	76.05
Major Appliances									
Electric iron	100.00	11.56	88.44	22.81	9.58	13.23	77.19	1.98	75.21
Sewing machine	100.00	5.07	94.93	22.81	2.41	20.40	77.19	2.66	74.53
Grinding machine	100.00	6.08	93.92	22.81	1.38	21.42	77.19	4.70	72.49
Transport & Equipment									
Bicycle	100.00	4.00	96.00	22.81	2.52	20.28	77.19	1.48	75.72
Motorbike, Scooter	100.00	3.82	96.18	22.81	2.84	19.97	77.19	0.98	76.21
Motor Vehicle	100.00	6.16	93.84	22.81	4.47	18.34	77.19	1.69	75.50

Table 8.2: Distribution of Households by Ownership of Land by Area

Area	Total	Land less	0.01 – 5.0 acres	5+ acres
Bhutan	106900	28100	66900	11900
Urban	24400	19800	3700	900
Rural	82500	8300	63200	11000

Table 8.3: Distribution of Households by Ownership of Livestock, and Poultry by Area

Area	Livestock							
	Pig	Cattle	Yak	Buffalo	Horse	Sheep	Goat	Chicken
Bhutan	106900	106900	106900	116900	106900	106900	106900	106900
No Livestock	75200	38700	104700	115900	85400	101900	94700	53100
1 – 2	25500	15070	300	700	16300	1700	5000	16700
2 – 5	5400	24600	100	300	4400	1200	5800	22800
5 +	800	28500	1800	100	800	2200	1400	14300
Urban								
No Livestock	23900	23500	24400	24400	24300	24300	24200	23500
1 – 2	400	400	-	-	-	-	100	500
2 – 5	100	300	-	-	-	-	100	300
5 +	-	200	-	-	-	-	-	200
Rural								
No Livestock	51300	15200	80300	81500	61100	77500	70500	29600
1 – 2	25100	14600	300	700	16300	1600	4900	16200
2 – 5	5300	24400	100	300	4300	1100	5700	22500
5 +	800	28300	1800	100	700	2200	1400	14200

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 8.4: Distribution of Households by Ownership of Livestock by Expenditure Quintile by Area

Animal	Expenditure Quintile						
	Bhutan	First Quintile	Second Quintile	Third Quintile	Fourth Quintile	Fifth Quintile	No Animals
Bhutan							
Pig	106900	7700	6600	6600	6400	4400	75200
Cattle	106900	16300	15700	14900	11800	9600	38700
Yak	106900	200	200	600	700	500	104700
Buffalo	106900	100	200	400	200	100	105900
Horse	106900	4900	4500	4800	4200	3000	85400
Sheep	106900	900	1300	1400	1100	400	101900
Goat	106900	2000	3500	3800	1700	1100	94700
Chicken	106900	13000	12700	11700	9700	6700	53100
Urban							
Pig	24400	-	-	100	200	100	23900
Cattle	24400	-	-	200	200	400	23500
Yak	24400	-	-	-	-	-	24400
Buffalo	24400	-	-	-	-	-	24400
Horse	24400	-	-	-	-	-	24300
Sheep	24400	-	-	-	-	-	24300
Goat	24400	-	-	100	100	100	24200
Chicken	24400	-	100	200	300	300	23500
Rural							
Pig	82500	7700	6600	6500	6200	4200	51300
Cattle	82500	16300	15600	14700	11500	9200	15200
Yak	82500	200	200	600	700	500	80300
Buffalo	82500	100	200	400	200	100	81500
Horse	82500	5000	4500	4800	4200	3000	61100
Sheep	82500	900	1300	1400	1100	400	77500
Goat	82500	2000	3500	3700	1700	1100	70500
Chicken	82500	13000	12600	11500	9500	6400	29600

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Table 8.5a: Distribution of Households by Main Source of Income by Expenditure Quintile by Area

Main Source of Income	Expenditure Quintile					
	Bhutan	First Quintile	Second Quintile	Third Quintile	Fourth Quintile	Fifth Quintile
Bhutan	100.00	100.00	100.00	100.00	100.00	100.00
Wages (including religious fees)	33.66	24.04	30.34	32.58	39.41	41.94
Own business	8.38	2.41	3.46	7.56	11.36	17.07
Own farm enterprise	46.38	58.04	51.02	48.00	41.24	33.63
Remittances	2.48	4.11	3.37	2.36	1.45	1.12
Pensions	0.22	0.28	-	0.31	0.13	0.37
Rental/Real estate/Selling of Assets	3.04	3.20	3.44	2.96	2.10	3.49
Others	5.84	7.92	8.36	6.23	4.31	2.38
Urban	22.81	3.62	12.54	20.50	32.04	45.32
Wages (including religious fees)	16.82	2.83	10.19	15.28	25.37	30.44
Own business	3.53	0.15	0.64	1.87	4.17	10.81
Own farm enterprise	0.44	0.11	0.11	0.49	0.44	1.04
Remittances	0.46	0.24	0.55	0.71	0.39	0.41
Pensions	0.06	0.00	-	0.16	0.13	-
Rental/Real estate/Selling of Assets	0.51	0.12	0.28	0.37	0.39	1.38
Others	0.99	0.19	0.78	1.61	1.15	1.23
Rural	77.19	96.38	87.46	79.50	67.96	54.68
Wages (including religious fees)	16.84	21.22	20.15	17.30	14.05	11.50
Own business	4.85	2.27	2.82	5.69	7.19	6.26
Own farm enterprise	45.94	57.93	50.91	47.51	40.79	32.58
Remittances	2.02	3.87	2.83	1.65	1.06	0.71
Pensions	0.16	0.28	-	0.15	-	0.37
Rental/Real estate/Selling of Assets	2.53	3.08	3.16	2.58	1.71	2.10
Others	4.85	7.73	7.59	4.62	3.17	1.16

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

Households by main source of income(Percent)

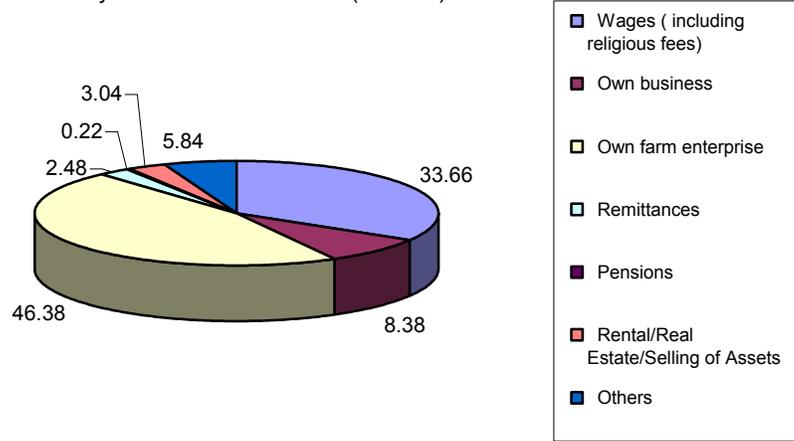


Table 8.5b: Distribution of Households by Main Source of Income by Expenditure Quintile by Area

Main Source of Income	Expenditure Quintile					
	Bhutan	First Quintile	Second Quintile	Third Quintile	Fourth Quintile	Fifth Quintile
Bhutan	100.00	20.00	19.99	19.99	20.00	20.01
Wages (including religious fees)	100.00	14.29	18.02	19.35	23.42	24.93
Own business	100.00	5.76	8.26	18.05	27.14	40.79
Own farm enterprise	100.00	25.03	21.99	20.69	17.79	14.51
Remittances	100.00	33.13	27.18	19.00	11.65	9.04
Pensions	100.00	25.36	-	28.69	12.04	33.91
Rental/Real estate/Selling of Assets	100.00	21.05	22.65	19.48	13.84	22.99
Others	100.00	27.12	28.62	21.34	14.77	8.15
Urban	100.00	3.18	11.00	17.97	28.10	39.76
Wages (including religious fees)	100.00	3.36	12.11	18.16	30.17	36.21
Own business	100.00	0.82	3.63	10.60	23.65	61.29
Own farm enterprise	100.00	4.91	4.91	22.22	20.30	47.65
Remittances	100.00	10.39	23.83	30.96	16.90	17.92
Pensions	100.00	-	-	55.56	44.44	-
Rental/Real estate/Selling of Assets	100.00	4.60	11.03	14.71	15.26	54.41
Others	100.00	3.78	15.69	32.61	23.16	24.76
Rural	100.00	24.97	22.65	20.59	17.61	14.17
Wages (including religious fees)	100.00	25.20	23.92	20.53	16.68	13.66
Own business	100.00	9.36	11.62	23.48	29.68	25.86
Own farm enterprise	100.00	25.22	22.15	20.67	17.76	14.19
Remittances	100.00	38.30	27.94	16.28	10.45	7.03
Pensions	100.00	34.79	-	18.71	-	46.50
Rental/Real estate/Selling of Assets	100.00	24.36	24.99	20.44	13.55	16.66
Others	100.00	31.88	31.26	19.04	13.06	4.76

Note: “-” indicates a sample estimate less than 100 households. Estimates not sufficiently reliable because of small number of observations.

ANNEXES

I Concepts and Definitions

Household:

A household is a group of people who normally live together and eat their meals together. For this BLSS, 'normally' is taken to mean that the person concerned has lived in the household for at least 6 of the last 12 months. Thus, the members of the household are identified on the basis of their 'usual place of residence'.

Note: A person who lives alone and makes his or her own meal arrangements is counted as a separate household.

Assumptions to the definition of household:

1. The following categories of persons are counted as household members even though they have lived less than six months in the household during the past 12 months:

- a) School and college students who are living away from home in institutions (and who therefore have no chance of being counted elsewhere).
- b) Infants who are less than six months old.
- c) Newly married couples that have been living together for less than six months.
- d) Lodgers (guests) or other permanent residents who live and take their meals with the household.
- e) Servants and other paid domestic employees, if they live with the household.
- f) Persons who have recently joined the household, and are expected to live in this household permanently in the future.

2. The following categories are not counted as household members:

- a) People who have lived in the household for more than six months out of the past 12 months but who are no longer members of the household (e.g. Because of death or separation).
- b) People who live in the same dwelling, but do not share food expenses or eat meals together (e.g. two brothers living in the same dwelling, but having separate food budgets and separate cooking arrangements)
- c) People eating together but who do not live in the same dwelling.

Definition of Household head:

The head of household is the person who manages the income earned and expense incurred by the household and who is the most knowledgeable person concerning other members of the household.

If the head of the household is not present or available (for example, he or she may be living abroad temporarily), then an alternative 'head of household' must be selected in consultation with senior household members. The following criteria (in priority order) can be used to determine who should be considered next as the head of household:

- a) the person accepted as the head by other household members

- b) the person legally responsible for the dwelling (owner or lease holder)
- c) the person who is the main income earner
- d) the person who does most of the household shopping
- e) the oldest member of the household

Household Size:

The total number of persons in the household is the size of the household.

Expatriate Household:

Household of non Bhutanese resident in Bhutan who is paid for by an agency other than the Royal Government of Bhutan or employed by private enterprise/organization/agency of Bhutan like the government of another country, international organizations like the United Nations, FAO, the World Bank etc. Households of non Bhutanese resident (has been residing in Bhutan for at least 6 months) employee of RGoB is included and not considered expatriate.

II Questionnaire



Bhutan Living Standards Survey 2003

With support of the Asian Development Bank, TA 3669-BHU

HOUSEHOLD IDENTIFICATION	
	Stratum Number: <input type="text"/>
Dzongkhag :	<input type="text"/> <input type="text"/>
Town / Gewog :	<input type="text"/> <input type="text"/>
	Block Number (urban only): <input type="text"/>
Village (rural only):	<input type="text"/>
	Household Serial Number <input type="text"/>
Name of the head of household	<input type="text"/>

Interviewer's name and signature :	<input type="text"/> Name <input type="text"/> Signature	ID <input type="text"/>
Supervisor's name and signature :	<input type="text"/> Name <input type="text"/> Signature	ID <input type="text"/>
Date of interview (day/month): <input type="text"/> / <input type="text"/> / 2003		
Date of control by supervisor (day/month): <input type="text"/> / <input type="text"/> / 2003		
Status of questionnaire:	1 - Completed with initially selected household 2 - Not completed due to refusal 3 - Not completed, household not found 4 - Incomplete	<input type="text"/>

HOUSEHOLD ROSTER

Write down the names of all persons who normally live and eat together in this household. Only members who currently live in the household, and those who are temporarily absent (for a total duration of less than six months) must be listed. Do not include persons who usually live outside the household (visitors), even if they are present at the time of the survey. Do not include visitors who usually live outside the household, even if the visitors are present at the time of the survey.

Start with the head of the household (**there should be only one head per household**), followed by (1) spouse; (2) children; (3) parents; (4) other relatives; and (5) non-related members (live-in maids, etc).

Name	ID No	Relationship to the head	Sex 1 - Male 2 - Female	Age in years	
	0 1	0 1	<input type="checkbox"/>	<input type="checkbox"/>	01 - Self (head)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	02 - Wife/husband
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	03 - Son/daughter
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	04 - Father/mother
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05 - Sister/brother
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	06 - Grandchild
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	07 - Niece/nephew
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	08 - Son-in-law/ daughter-in-law
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	09 - Brother-in-law/ sister-in-law
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	10 - Father-in-law/ mother-in-law
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	11 - Other family relative
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	12 - Live-in-servant
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	13 - Other non-relative
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

BLOCK 1 - HOUSING

1. <i>Type of dwelling</i> 1 - House 2 - Part of a house 3 - Separate apartment 4 - Shared apartment 5 - Other (specify) _____	<input type="checkbox"/>
2. <i>Does the household own the dwelling?</i> 1 - Yes (>> 5) 2 - No	<input type="checkbox"/>
3. <i>Do you pay a rent for the dwelling (in cash or in kind)?</i> 1 - Yes, in cash 2 - Yes, in kind 3 - No	<input type="checkbox"/>
4. <i>From whom do you rent / obtain the dwelling?</i> 1 - Public corporation 2 - Employer 3 - Private person 4 - Other (specify) _____	<input type="checkbox"/>
5. <i>How much do you pay per month, or how much do you think you would pay if you had to rent this dwelling? (If payment is in kind, assess the value).</i>	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
6. <i>How many rooms does your household occupy, including bedrooms, living rooms and rooms used for family enterprise, but NOT counting toilets, kitchens and balconies?</i>	<input type="text"/> <input type="text"/>
7. <i>What is the main construction material of the external walls?</i> 1 - Mud-bonded bricks/stones 2 - Cement-bonded bricks/stone 3 - Concrete 4 - Mud 5 - Wood / Branches 6 - Other (specify) _____	<input type="checkbox"/>
8. <i>What is the main construction material of the roof?</i> 1 - Metal sheets 3 - Concrete / Cement 4 - Tiles / Slate 5 - Thatch 6 - Plank / Shingles 7 - Other (specify) _____	<input type="checkbox"/>
9. <i>What is the main material of the floor?</i> 1 - Wood 2 - Cement / Tile 3 - Concrete 4 - Clay / Earthen floor 5 - Plank / Shingles 6 - Other (specify) _____	<input type="checkbox"/>
10. <i>How are the windows fitted?</i> 1 - Glass 2 - Woden shutters 3 - Other (specify) _____	<input type="checkbox"/>
11. <i>Do you have a telephone inside the dwelling (not including mobile phone)?</i> 1 - Yes 2 - No	<input type="checkbox"/>
12. <i>What is your main source of drinking water?</i> 1 - Pipe in dwelling / compound (>> 15) 2 - Neighbours' pipe 3 - Public outdoor tap 4 - Protected well 5 - Unprotected well 6 - Spring 7 - River, Lake, Pond 8 - Other	<input type="checkbox"/>
13. <i>How far is the source of water from your dwelling?</i> Indicate either the distance or the time it takes to walk to the source of water.	<input type="text"/> <input type="text"/> km <input type="text"/> <input type="text"/> <input type="text"/> m <input type="text"/> <input type="text"/> <input type="text"/> minutes

14. <i>How much time do household members usually spend per day fetching water (total)?</i>	<input type="text"/> <input type="text"/> <input type="text"/> min.
15. <i>To treat your drinking water, do you:</i> ... boil it? 1 - Yes 2 - No ... filter it? ... add chemicals?	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
16. <i>What is the type of toilet that is used in your household?</i> 1 - Flush toilet 2 - Pit latrine + septic tank 3 - Pit latrine, no septic tank 4 - None (nature) (>> 18) 5 - Other (specify) _____	<input type="checkbox"/>
17. <i>Is this toilet shared with another household?</i> 1 - Yes 2 - No	<input type="checkbox"/>
18. <i>Do you have electricity?</i> 1 - No 2 - Yes, from the grid (>> 20) 3 - Yes, from own generator (>> 20)	<input type="checkbox"/>
19. <i>Why don't you have electricity? (multiple selection authorized)</i> 1 - No need 2 - Too expensive 3 - Not available 4 - Other reason	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
20. <i>What is the main source of lighting in your dwelling?</i> 1 - Electricity 2 - Kerosene or gas lamps 3 - Candles 4 - Others	<input type="checkbox"/>
21. <i>What fuel do you use most often for cooking?</i> 1 - Gas 2 - Electricity 3 - Wood 4 - Coal 5 - Kerosene 6 - Dung cake 7 - Other (specify) _____	<input type="checkbox"/>
22. <i>How do you usually heat your dwelling?</i> 1 - Bukhari (wood/coal stove) 2 - Electric heater 3 - Kerosene heater 4 - Straw/brush/manure stove 5 - Other (specify) _____ 6 - Doesn't heat the dwelling	<input type="checkbox"/>
23. <i>On average, how much do you pay per month (Nu) for:</i> ... water? ... cooking gas? ... candles? ... electricity, in winter? ... electricity, in summer? ... kerosene for home use?	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
24. <i>How many backloads of firewood do you usually use per month?</i> <i>How much do you pay on average for one backload (Nu)?</i>	<input type="checkbox"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
25. <i>How many truckloads of firewood do you usually use per year?</i> <i>How much do you pay on average for one truckload (Nu)?</i>	<input type="checkbox"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
26. <i>Ask in urban areas only: Is there a kitchen garden?</i> 1 - Yes 2 - No	<input type="checkbox"/>

BLOCK 2.1 - DEMOGRAPHICS (ALL MEMBERS)

Name	ID No	
<input type="text"/>	<input type="text"/>	<input type="text"/>
1. Sex	1 - Male 2 - Female	<input type="text"/>
2. Relationship to the head (Copy from household roster)		<input type="text"/>
3. Date of birth and age in years (if possible, check with ID)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Day Month Year Age in years (if less than 1 year, write 00)	<input type="text"/>
4. Marital status	1 - Married 4 - Separated 2 - Never married 5 - Widow 3 - Divorced	<input type="text"/>
5. Nationality	1 - Bhutanese 2 - Other	<input type="text"/>
6. For how many months in the last 12 months has [NAME] been away from the household?		<input type="text"/>

BLOCK 2.2 - EDUCATION (IF AGE < 3, GOTO 21)

7. Can [NAME] read and write a short text in:	1 - Yes ... Dzongkha ? <input type="text"/> ... Lotsham ? <input type="text"/> 2 - No ... English ? <input type="text"/> ... other language? <input type="text"/>																																				
8. Has [NAME] ever attended school (pre-primary, or grade 01 to 15)?	1 - Yes <input type="text"/> 2 - No (>> 17) <input type="text"/>																																				
9. Is [NAME] attending school this year (including pre-primary)?	1 - Yes <input type="text"/> 2 - No (>> 16) <input type="text"/>																																				
10. What is the level currently attended by [NAME] ? (Write grade 01 to 15, and 00 for pre-school.)	<input type="text"/>																																				
11. What type of school is [NAME] attending ?	1 - Public <input type="text"/> 2 - Private <input type="text"/>																																				
12. How long does it usually take for [NAME] to go to school (one-way)?	1 - < 15 min. <input type="text"/> 2 - 15 to < 30 min. <input type="text"/> 3 - 30 to < 45 min. <input type="text"/> 4 - 45 to 60 min. <input type="text"/> 5 - > 60 min. <input type="text"/>																																				
13. How much do you have to pay (Nu) for this academic year for:	<table border="1"> <tr> <td>Token fee / School dev. fund</td> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> <tr> <td>Boarding fees</td> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> <tr> <td>Books, supplies</td> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> <tr> <td>Private tutoring</td> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> <tr> <td>Public transport from/to school</td> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> <tr> <td>Other educ. exp. (uniforms, etc)</td> <td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td><td><input type="text"/></td> </tr> </table>	Token fee / School dev. fund	<input type="text"/>	Boarding fees	<input type="text"/>	Books, supplies	<input type="text"/>	Private tutoring	<input type="text"/>	Public transport from/to school	<input type="text"/>	Other educ. exp. (uniforms, etc)	<input type="text"/>																								
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Other educ. exp. (uniforms, etc)	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>																																
14. How much did you receive as scholarship for [NAME] ?	<input type="text"/>																																				

15. I would like now to ask a few questions about the school [NAME].	Are the teachers often absent ? <input type="text"/> Are the teachers competent ? <input type="text"/> Does [NAME] have the books and supplies (s)he needs ? <input type="text"/> Is the teaching program relevant ? <input type="text"/> Are there too many children per teacher ? <input type="text"/> Is the classroom spacious enough ? <input type="text"/> Are there good toilet facilities ? <input type="text"/> Is there a boarding facility ? <input type="text"/> Is the boarding satisfactory ? <input type="text"/>
16. What is the highest grade completed by [NAME] ?	Indicate last class successfully completed (01 to 15; write 00 if none) <input type="text"/>
17. Did [NAME] ever receive other type of training (religious, university, professional, other)?	1 - Yes, academic (university) 4 - Yes, other <input type="text"/> 2 - Yes, professional / vocational 5 - No (>> 20) <input type="text"/> 3 - Yes, religious <input type="text"/>
18. Is [NAME] attending this training this year?	1 - Yes <input type="text"/> 2 - No <input type="text"/>
19. How many years of this training did [NAME] complete? (>> 21)	<input type="text"/>
20. Ask only if [NAME] is aged 7 to 17 and is not attending school. What is the main reason why [NAME] is not attending school?	01 - Not interested 07 - Poor teaching <input type="text"/> 02 - Cannot afford 08 - Too young / old <input type="text"/> 03 - Needs to work 09 - Problems in home <input type="text"/> 04 - Did not qualify 10 - Caring sick relative <input type="text"/> 05 - School is too far 11 - Pregnancy <input type="text"/> 06 - Illness 12 - Other (specify) <input type="text"/>

15. I would like now to ask a few questions about the school [NAME].	Are the teachers often absent ? <input type="text"/> Are the teachers competent ? <input type="text"/> Does [NAME] have the books and supplies (s)he needs ? <input type="text"/> Is the teaching program relevant ? <input type="text"/> Are there too many children per teacher ? <input type="text"/> Is the classroom spacious enough ? <input type="text"/> Are there good toilet facilities ? <input type="text"/> Is there a boarding facility ? <input type="text"/> Is the boarding satisfactory ? <input type="text"/>
16. What is the highest grade completed by [NAME] ?	Indicate last class successfully completed (01 to 15; write 00 if none) <input type="text"/>
17. Did [NAME] ever receive other type of training (religious, university, professional, other)?	1 - Yes, academic (university) 4 - Yes, other <input type="text"/> 2 - Yes, professional / vocational 5 - No (>> 20) <input type="text"/> 3 - Yes, religious <input type="text"/>
18. Is [NAME] attending this training this year?	1 - Yes <input type="text"/> 2 - No <input type="text"/>
19. How many years of this training did [NAME] complete? (>> 21)	<input type="text"/>
20. Ask only if [NAME] is aged 7 to 17 and is not attending school. What is the main reason why [NAME] is not attending school?	01 - Not interested 07 - Poor teaching <input type="text"/> 02 - Cannot afford 08 - Too young / old <input type="text"/> 03 - Needs to work 09 - Problems in home <input type="text"/> 04 - Did not qualify 10 - Caring sick relative <input type="text"/> 05 - School is too far 11 - Pregnancy <input type="text"/> 06 - Illness 12 - Other (specify) <input type="text"/>

BLOCK 2.3 - HEALTH (ALL MEMBERS)

21. In the last 4 weeks, did [NAME] suffer from sickness or injury?	1 - Yes <input type="text"/> 2 - No (>> 25) <input type="text"/>
22. For how many days was [NAME] prevented from doing his/her usual activities?	<input type="text"/>
23. Who did [NAME] consult first? (If several sicknesses, consider the last one)	1 - No one 5 - Pharmacist <input type="text"/> 2 - Private doctor 6 - Dentist <input type="text"/> 3 - Hospital or BHU 7 - Traditional practitioner <input type="text"/> 4 - Nurse 8 - Other (specify) <input type="text"/>
24. Ask only if [NAME] did not consult, and select up to 3 reasons. Why didn't [NAME] consult any one?	1 - No need 4 - No transport / too far <input type="text"/> 2 - No time 5 - Doesn't trust <input type="text"/> 3 - No money 6 - Other (specify) <input type="text"/>
25. How much was spent in the last 4 weeks (Nu) on consultations, hospitalizations, exams?	<input type="text"/>
26. Did [NAME] have medication in the last 4 weeks?	1 - Yes 4 - No, not available <input type="text"/> 2 - No, no need 5 - No, pharmacy too far <input type="text"/> 3 - No, cannot afford 6 - No, other reason <input type="text"/>

27. How much was spent in the last 4 weeks (Nu) for purchase of medicines?

Ask questions 28 to 32 only to women 15-49 years old

28. Has [NAME] given birth in the last 12 months? (Include all children, including non-surviving) 1 - Yes 2 - No (>> 31)

29. During her pregnancy, did [NAME] receive pre-natal care from a doctor or qualified nurse? 1 - Yes 2 - No

30. Where did [NAME] give birth?
 1 - Hospital / Polyclinic
 2 - Maternity
 3 - At home, with medical assistance
 4 - At home, with midwife
 5 - At home, without specialized assistance
 6 - Other (specify) _____

31. Has [NAME] knowledge of some modern contraception methods? (ask [NAME] to quote at least one) 1 - Yes 2 - No (>> 33) 3 - Don't know (>>33)

32. Does [NAME] use modern contraception? (if not, indicate the main reason)
 1 - Yes 2 - Not concerned 3 - No, not available 4 - No, religious/moral objection 5 - No, husband/family objection
 6 - No, because of side effects 7 - No, too expensive 8 - Doesn't want to respond 9 - Doesn't know

BLOCK 2.4 - EMPLOYMENT (IF AGE < 10, GOTO 49)

33. Did [NAME] do any farming, fishing, hunting, or gathering of fruits in : ... the last 7 days ? ... the last 12 months ?
 1 - Yes 2 - No

34. Did [NAME] work for money or have profitable business in : ... the last 7 days ? ... the last 12 months ?
 1 - Yes 2 - No

35. Did [NAME] do any unpaid work in friends or relatives' enterprise or farm in : ... the last 7 days ? ... the last 12 months ?
 1 - Yes 2 - No

If there is an answer "YES" to any of the questions 33 to 35 for the last 7 days, goto question 38.

36. Did [NAME] actively look for a job or try to start a new business during the last 7 days? 1 - Yes (>> 48) 2 - No

37. Why didn't [NAME] look for a job or try to start his own business in the last 7 days? (>> 48)
 01 - Waiting for a job to start
 02 - Awaiting employer's reply
 03 - Waiting for seasonal work
 04 - No job available
 05 - Studying
 06 - Taking care of home
 07 - Pensioner
 08 - Too old or disabled
 09 - Not healthy
 10 - Doesn't want to work
 11 - Other (specify) _____

38. What is [NAME]'s status in his/her main occupation?
 1 - Employee 2 - Member of cooperative 3 - Own account worker 4 - Employer
 5 - Family worker 6 - Collective farmer 7 - Other (specify) _____

39. What is [NAME]'s main occupation? (Describe precisely; coding by CSO)

40. In what sector does [NAME] work for his main occupation?
 01 - Agriculture 02 - Mining 03 - Manufacturing 04 - Elect., gas, water 05 - Construction 06 - Retail trade 07 - Hotels, restaurants
 08 - Transport 09 - Finance, real estate 10 - Insurance 11 - Public admin., defense 12 - Education 13 - Health, social work 14 - Other (specify) _____

41. In what type of business/enterprise does [NAME] work, for his main occupation?
 01 - Government office 02 - State enterprise 03 - Cooperative 04 - Collective farm 05 - Joint stock company 06 - Joint venture
 07 - Private non-farm enterprise 08 - Private farm 09 - Foreign company/organ. 10 - Family business (including informal trading)

42. Does [NAME] currently have a secondary occupation? 1 - Yes 2 - No (>> 47)

43. What is [NAME]'s status in his/her secondary occupation? Use same codes as question 38.

44. What is [NAME]'s secondary occupation? (Coding by CSO)

45. In what sector does [NAME] work for his/her secondary occupation? Use same codes as question 40.

46. In what type of business or enterprise does [NAME] work, for his/her secondary occupation? Use same codes as question 41.

47. How many hours did [NAME] work in the last 7 days?
 ... in main occupation
 ... in secondary occupation (if any)

48. In the last month, did [NAME] receive any income (in cash or in kind) from:
 Salary ? Pensions ? Charity ? Inheritance ?
 Own enterprise ? Scholarship ? Others ? Rental / real estate ?
 1 - Yes 2 - No

BLOCK 2.5 - INFORMATION ON PARENTS (ALL MEMBERS)

49. Are [NAME]'s parents alive? 1 - Yes 2 - No Father Mother

50. What is the highest level of education completed by:
 00 - None or pre-primary
 01 to 15 for corresponding grades
 21 - Higher academic (university)
 31 - Religious
 41 - Vocational / professional / others
 99 - Don't know
 Father
 Mother

51. In what sector did the father and mother work for most of their life? Use codes of question 40. Write 00 if none, and 99 if don't know.
 Father
 Mother

BLOCK 3 - ASSETS OWNERSHIP

1. Does your household own the following items?
(Consider only items which are in working condition)

1 - Yes, acquired less than a year ago
2 - Yes, acquired a year or more ago
3 - No

Sofa set	<input type="checkbox"/>	Bukhari's	<input type="checkbox"/>	Motorbike, scooter	<input type="checkbox"/>
Heater	<input type="checkbox"/>	Rice cooker	<input type="checkbox"/>	Electric iron	<input type="checkbox"/>
Fan	<input type="checkbox"/>	Curry cooker	<input type="checkbox"/>	Passenger car	<input type="checkbox"/>
Computer	<input type="checkbox"/>	Refrigerator	<input type="checkbox"/>	Washing machine	<input type="checkbox"/>
Bicycle	<input type="checkbox"/>	Modern stove	<input type="checkbox"/>	Sewing machine	<input type="checkbox"/>
Choesham	<input type="checkbox"/>	Water boiler	<input type="checkbox"/>	Television	<input type="checkbox"/>
Camera	<input type="checkbox"/>	Microwave oven	<input type="checkbox"/>	VCR / VCD	<input type="checkbox"/>
Tractor	<input type="checkbox"/>	Foreign bow	<input type="checkbox"/>	Rice grinding machine / thri- tha	<input type="checkbox"/>
Radio	<input type="checkbox"/>	Mobile phone	<input type="checkbox"/>	Wrist watch	<input type="checkbox"/>

2. Livestock and Poultry
(Indicate number of head. Write 0 if none)

Pigs	<input type="text"/>	Horses	<input type="text"/>
Cattle	<input type="text"/>	Sheep	<input type="text"/>
Yaks	<input type="text"/>	Goats	<input type="text"/>
Buffaloes	<input type="text"/>	Chickens	<input type="text"/>

3. Land
(Indicate number of acres. Leave blank if none.)

Orchard : acres

Wet Land { Total: acres
Operated: acres

Dry Land { Total: acres
Operated: acres

Other land (grass land, etc) : acres

BLOCK 4 - ACCESS AND DISTANCE TO SERVICES

1. How do you usually go to the [SERVICE]?	2. How long does it take to get to the nearest [SERVICE]?
1 - Foot 2 - Bicycle 3 - Motorcycle 4 - Bus 5 - Car 6 - Foot + vehicle 7 - Other 8 - Not applicable (>> next)	(hours/minutes)
01 - Post office	<input type="text"/> h <input type="text"/> min
02 - Nearest phone (if at home, skip)	<input type="text"/> h <input type="text"/> min
03 - Police	<input type="text"/> h <input type="text"/> min
04 - Hospital / health unit (BHU)	<input type="text"/> h <input type="text"/> min
05 - Drugstore, pharmacy	<input type="text"/> h <input type="text"/> min
06 - Dzongkhag headquarters	<input type="text"/> h <input type="text"/> min
07 - Source of firewood	<input type="text"/> h <input type="text"/> min
08 - Tarred road	<input type="text"/> h <input type="text"/> min
09 - Feeder road	<input type="text"/> h <input type="text"/> min
10 - Food market / Shop	<input type="text"/> h <input type="text"/> min
11 - Bank	<input type="text"/> h <input type="text"/> min
12 - Agric./livestock extension center	<input type="text"/> h <input type="text"/> min
13 - Village temple	<input type="text"/> h <input type="text"/> min
14 - Petrol station	<input type="text"/> h <input type="text"/> min
15 - Bus station	<input type="text"/> h <input type="text"/> min

BLOCK 5 - REMITTANCES SENT

During the past 12 months, did you or any member of your household send money or payment in kind (for example food or clothing) to someone who is not currently a member of the household?

1 - Yes 2 - No (>> block 6)

No	1. What is the main use of this assistance by the recipient?	2. What is the amount sent in cash during the last 12 months? (Nu)	3. What is the amount sent in kind during the last 12 months? (estimated value in Nu)
1	<input type="checkbox"/>		
2	<input type="checkbox"/>		
3	<input type="checkbox"/>		
4	<input type="checkbox"/>		
5	<input type="checkbox"/>		

BLOCK 6 - PRIORITIES, OPINIONS AND MISC.

<p>1. Based on your experience, how would you qualify the following aspects of BHU / hospital?</p>		<p>Competence of medical staff <input type="checkbox"/></p> <p>Availability of medicines <input type="checkbox"/></p> <p>Affordability of medicines <input type="checkbox"/></p> <p>Quality of facilities (modernity, cleanliness) <input type="checkbox"/></p> <p>Waiting time <input type="checkbox"/></p>
<p>1 - Good</p> <p>2 - Satisfactory</p> <p>3 - Bad</p> <p>4 - Doesn't know</p>	<p>1 - Never</p> <p>2 - Less than once a month</p> <p>3 - Less than once a week but at least once a month</p> <p>4 - At least once a week</p>	<p><input type="checkbox"/></p>
<p>2. How often does your household use public transport (bus, taxi)?</p>		<p>Frequency (schedules) <input type="checkbox"/></p> <p>Affordability (cost) <input type="checkbox"/></p> <p>Timeliness <input type="checkbox"/></p>
<p>1 - Good</p> <p>2 - Satisfactory</p>	<p>3 - Bad</p> <p>4 - Doesn't know</p>	<p><input type="checkbox"/></p>
<p>3. How would you qualify the following aspects of the public transport you are using?</p>		<p>1 - Bank <input type="checkbox"/></p> <p>2 - BDFC / RSCB <input type="checkbox"/></p> <p>3 - Relatives / friends <input type="checkbox"/></p> <p>4 - Other <input type="checkbox"/></p> <p>5 - No access <input type="checkbox"/></p> <p>6 - Don't know <input type="checkbox"/></p>
<p>4. What are the sources of credit available for your household? (Select up to 4)</p>		<p>To a bank <input type="checkbox"/></p> <p>To BDFC / RSCB <input type="checkbox"/></p> <p>To relatives / friends <input type="checkbox"/></p> <p>To others (NGO, etc) <input type="checkbox"/></p>
<p>5. Is the household currently owing money to anyone?</p>		<p>1 - Yes <input type="checkbox"/></p> <p>2 - No <input type="checkbox"/></p> <p>3 - Don't know <input type="checkbox"/></p>
<p>6. In the last 12 months, for how many months do you consider that you did not have sufficient food?</p>		<p><input type="checkbox"/></p>

7. For the welfare of **your** household, what are the most important actions that the government should take? Give up to three responses, sorted by order of importance. **Do not read the list of priorities to the respondent.** If the response he/she provides is not listed below, please write it in the corresponding line below (for coding at CSO).

1st

2nd

3rd

01 - Electrification	11 - Food assistance
02 - Build roads	12 - Credit
03 - Water supply	13 - Public transport service
04 - Waste management	14 - Family planning
05 - Building new schools	15 - Hospitals/medical facilities
06 - Improving existing schools	16 - Provision of medicines
07 - Boarding for students	17 - Local religious services and personnel
08 - Vocational training	18 - Provision of subsidized agricultural equipment
09 - Housing	
10 - Job creation	

BLOCK 7 - MAIN SOURCES OF INCOME

1. What were, in order of importance, the main sources of income of your household in the last 12 months? Select at least one, maximum three. **Do not read the options to the households.**

01 - Wages (including religious fees)

02 - Own business

03 - Own farm enterprise

04 - Remittances

05 - Pensions

06 - Rental / Real estate

07 - Inheritance

08 - Charity

09 - Scholarships

10 - Selling of assets

11 - Others (specify) _____

1st

2nd

3rd

BLOCK 8 - FOOD CONSUMPTION

ITEM	Tick box if household consumed this item in past 12 months.	Source	1. Source and Item Codes		LAST TWO WEEKS				TYPICAL MONTH				12 MONTHS
			2. What quantity did you consume in the last two weeks? (Indicate quantity here, and unit in next column)	3. Unit Provide detailed information	4. Unit Code (To be coded at CSO)	5. Value (Nu) Amount spent (if purchased), or estimated market value (if home-produced).	6. How many months in the past 12 months did the household consume [ITEM]?	7. In a typical month when you consume [ITEM], what is the quantity you consume? (Indicate unit in next column)	8. Unit Provide detailed information	9. Unit Code (To be coded at CSO)	10. In a typical month when you consume [ITEM], how much (Nu) do you spend? (estimate market value for home-produced).	11. What is the total value (Nu) of [ITEM] that you received as gift over the past 12 months?	

CEREALS, CEREAL PREPARATION and PULSES

RICE BHUTANESE	Purchased	1	1111										
	Home prod.	2	1111										
RICE BHOG	Purchased	1	1112										
	Home prod.	2	1112										
RICE FINE	Purchased	1	1113										
	Home prod.	2	1113										
RICE FCB	Purchased	1	1114										
OTHER RICE	Purchased	1	1119										
	Home prod.	2	1119										
MAIZE (Kharang, Maize flour)	Purchased	1	1120										
	Home prod.	2	1120										
TEGMA	Purchased	1	1136										
	Home prod.	2	1136										
ATA, MAIDA, KAPCHI	Purchased	1	1131										
	Home prod.	2	1131										
NOODLES	Purchased	1	1132										
	Home prod.	2	1132										
BREAD	Purchased	1	1133										
	Home prod.	2	1133										
PROCESSED RICE (Zaw, etc)	Purchased	1	1134										
	Home prod.	2	1134										
BISCUITS	Purchased	1	1137										
	Received	2	1137										
PULSES (Masur dal flat, Gram channa, other pulses)	Purchased	1	1140										
	Home prod.	2	1140										

DAIRY PRODUCTS

FRESH MILK	Purchased	1	1211										
	Home prod.	2	1211										
CONDENSED MILK	Purchased	1	1212										
MILK POWDER	Purchased	1	1215										
PASTURIZED AND OTHER MILK	Purchased	1	1219										
	Home prod.	2	1219										
LOCAL BUTTER	Purchased	1	1222										
	Home prod.	2	1222										
IMPORTED BUTTER	Purchased	1	1223										
	Home prod.	2	1223										
LOCAL CHEESE	Purchased	1	1224										
	Home prod.	2	1224										
PROCESSED CHEESE	Purchased	1	1225										
	Home prod.	2	1225										

EGGS	Purchased	1	1300										
	Home prod.	2	1300										

FISH

FRESH FISH	Purchased	1	1410										
	Home prod.	2	1410										
DRIED FISH	Purchased	1	1420										
	Home prod.	2	1420										
CANNED FISH	Purchased	1	1430										

MEAT

FRESH BEEF	Purchased	1	1511										
	Home prod.	2	1511										
FRESH PORK	Purchased	1	1512										
	Home prod.	2	1512										
FRESH CHICKEN	Purchased	1	1513										
	Home prod.	2	1513										
FRESH YAK	Purchased	1	1514										
	Home prod.	2	1514										
FRESH MUTTON	Purchased	1	1515										
	Home prod.	2	1515										
OTHER FRESH MEAT	Purchased	1	1519										
	Home prod.	2	1519										
DRIED BEEF	Purchased	1	1521										
	Home prod.	2	1521										
DRIED PORK	Purchased	1	1522										
	Home prod.	2	1522										
DRIED YAK	Purchased	1	1523										
	Home prod.	2	1523										
OTHER DRIED MEAT	Purchased	1	1529										
	Home prod.	2	1529										

FRUITS

APPLE	Purchased	1	1611										
	Home prod.	2	1611										
ORANGE	Purchased	1	1612										
	Home prod.	2	1612										
MANGO	Purchased	1	1613										
	Home prod.	2	1613										
BANANA	Purchased	1	1614										
	Home prod.	2	1614										
WATER MELON	Purchased	1	1615										
	Home prod.	2	1615										
GRAPES	Purchased	1	1616										
	Home prod.	2	1616										
OTHER FRUIT (specify)	Purchased	1	1619										
	Home prod.	2	1619										
OTHER FRUIT (specify)	Purchased	1	1619										
	Home prod.	2	1619										

VEGETABLES

BEANS	Purchased	1	1621																
	Home prod.	2	1621																
TOMATOES	Purchased	1	1622																
	Home prod.	2	1622																
CUCUMBER	Purchased	1	1623																
	Home prod.	2	1623																
SPINACH	Purchased	1	1624																
	Home prod.	2	1624																
CABBAGE	Purchased	1	1625																
	Home prod.	2	1625																
POTATO	Purchased	1	1626																
	Home prod.	2	1626																
ONIONS	Purchased	1	1627																
	Home prod.	2	1627																
MUSHROOMS	Purchased	1	1628																
	Home prod.	2	1628																
RADISH	Purchased	1	1629																
	Home prod.	2	1629																
CAULIFLOWER	Purchased	1	1630																
	Home prod.	2	1630																
BRINGAL	Purchased	1	1631																
	Home prod.	2	1631																
ASPARAGUS	Purchased	1	1632																
	Home prod.	2	1632																
CARROTS	Purchased	1	1633																
	Home prod.	2	1633																
OTHER VEGETABLE (specify)	Purchased	1	1639																
	Home prod.	2	1639																

TEA AND COFFEE

BHUTANESE TEA	Purchased	1	1711																
	Home prod.	2	1711																
INDIAN TEA	Purchased	1	1712																
COFFEE	Purchased	1	1720																

COOKING OIL

MUSTARD OIL	Purchased	1	1731																
	Home prod.	2	1731																
SUNFLOWER	Purchased	1	1732																
	Home prod.	2	1732																
DALDA	Purchased	1	1733																
REFINED VEGETABLE	Purchased	1	1734																
SOYA REFINED OIL	Purchased	1	1735																
OTHER COOKING OIL	Purchased	1	1739																
	Home prod.	2	1739																

SPICES AND SEASONINGS

GREEN CHILLIES	Purchased	1	1741																
	Home prod.	2	1741																
	Purchased	1	1742																

POWDERED CHILLIES	Purchased	1	1743																
	Home prod.	2	1743																
INDIAN SPICES (Haldi, jeera, dhania)	Purchased	1	1746																
	Home prod.	2	1749																
OTHER SPICES (coriander leaves, ginger, garlic)	Purchased	1	1749																
	Home prod.	2	1749																
SALT	Purchased	1	1750																
SUGAR / GUR	Purchased	1	1760																
JAMS	Purchased	1	1770																
PICKLES	Purchased	1	1780																
	Home prod.	2	1780																

ALCOHOLIC BEVERAGES

ARA	Purchased	1	1813																
	Home prod.	2	1813																
BANGCHANG	Purchased	1	1814																
	Home prod.	2	1814																
OTHER WINES	Purchased	1	1815																
	Home prod.	2	1815																
BEER	Purchased	1	1811																
LIQUOR (rum, whisky, brandy)	Purchased	1	1812																
	Home prod.	2	1812																

NON-ALCOHOLIC BEVERAGES

JUICE (orange, apple, pineapple, mango, other)	Purchased	1	1821																
	Home prod.	2	1821																
PEPSI / COCA COLA	Purchased	1	1822																
OTHER CARBONATED DRINKS (fruti, etc)	Purchased	1	1823																

TOBACCO AND DOMA

CIGARETTES	Purchased	1	1912																
BEDI	Purchased	1	1911																
CHEWING TOBACCO	Purchased	1	1913																
OTHER TOBACCO	Purchased	1	1919																
	Home prod.	2	1919																
DOMA (betelnut)	Purchased	1	1921																
	Home prod.	2	1921																
PAN LEAVES	Purchased	1	1922																
	Home prod.	2	1922																
DAMA KHAMTOG	Purchased	1	1923																
	Home prod.	2	1923																

FOOD TAKEN AWAY FROM HOME	On average, how many meals are taken away from home each week (total for all members of the household)?	<input type="text"/>	<input type="text"/>	
	On average, how many of these meals are received for free (or as payment in kind)?	<input type="text"/>	<input type="text"/>	
	On average, how much does the household spend per week for meals taken away from home (Nu)?	<input type="text"/>	<input type="text"/>	<input type="text"/>

BLOCK 9 - NON FOOD EXPENDITURE

1. During the last 12 months, has your household purchased, or received in kind, any of the following items?	Tick if YES	Code	2. Amount spent in cash on [ITEM] in the last 12 months (Nu)?	3. If received as gift/ payment in kind, what is the market value (Nu)?
CLOTHING AND FOOTWEAR				
Men's clothing (10 +)		2111		
Women's clothing (10 +)		2112		
Boys' clothing		2113		
Girls' clothing		2114		
Clothing materials (cotton, wool, silk, etc)		2115		
Weaving yarns (therma, terry cotton, wool, tukuli, etc)		2116		
Tailoring and repairs to clothing		2117		
Sewing accessories		2118		
Footwear		2119		
Repairs to footwear		2120		
TRANSPORT AND COMMUNICATIONS				
Land (bus, taxi, etc)		2211		
Air		2212		
Rail		2213		
Operation of personal transport		2214		
Telephone bills		2215		
Postage		2216		
Fax		2217		
E-mail / internet		2218		
Other communications		2219		

1. During the last 12 months, has your household purchased, or received in kind, any of the following items?	Tick if YES	Code	2. Amount spent in cash on [ITEM] in the last 12 months (Nu)?	3. If received as gift/ payment in kind, what is the market value (Nu)?
HOUSEHOLD OPERATIONS				
Cleaning articles (soap, detergent, etc)		2311		
Kitchen supplies (matches, gas lighter, etc)		2312		
Toilet supplies (toilet paper, toilet broom, etc)		2314		
Electrical items (light bulbs, batteries, etc)		2315		
Personal care items (soap, shampoo, etc)		2316		
Personal care effects (jewellery, handbags, watches, umbrella, etc)		2317		
Personal services (haircut, shave, etc)		2318		
RECREATION				
Newspapers, magazines, novels, etc)		2411		
Sport equipment		2412		
Children's toys		2413		
Musical instruments		2414		
Photographic equipment		2415		
Expenses related to photography, other than equipment		2416		
Admission to cinemas, discos, etc.		2417		
TV cable subscription		2418		
Rental of video tapes, fair, mela		2419		

1. During the last 12 months, has your household purchased, or received in kind, any of the following items?	Tick if YES	Code	2. Amount spent in cash on [ITEM] in the last 12 months (Nu)?	3. If received as gift/ payment in kind, what is the market value (Nu)?
FURNISHING AND EQUIPMENT				
Crockery, cutlery, and kitchen utensils		2511		
Kitchen and laundry appliances (fridge, stove, etc)		2512		
Pillows, mattresses, blankets		2513		
Other houseware furnishing		2514		
Audio and video equipment		2515		
Other major appliances (vacuum cleaner, aircon, etc)		2516		
Furniture		2517		
Minor appliances (rice cooker, fan, toaster, iron, sewing machine, etc)		2518		
Transport (car, motorcycle, etc)		2519		
Household tools (spade, sickle, knives, etc)		2520		

1. During the last 12 months, has your household purchased, or received in kind, any of the following items?	Tick if YES	Code	2. Amount spent in cash on [ITEM] in the last 12 months (Nu)?	3. If received as gift/ payment in kind, what is the market value (Nu)?
MISCELLANEOUS EXPENDITURE				
House maintenance, improvements and repairs (materials and associated labour wages)		2611		
Miscellaneous expenses for religious ceremonies		2612		
Miscellaneous expenses for marriages		2613		
Miscellaneous expenses for birthdays		2614		
Miscellaneous expenses for tshechus		2615		
Miscellaneous expenses for funerals		2616		
Hotel accommodation and meals		2617		
Other goods and services		2618		
Gifts and donations to charities		2619		
NON CONSUMPTION EXPENDITURE				
Direct taxes (income taxes, etc)		2711		
Property taxes		2712		
Vehicle tax and driver's license		2713		
Pension contribution and insurance premiums		2714		
Interest payments on loans for household expenses		2715		

