

Excerpts from Bhutan Living Standard Survey (BLSS) Report



Royal Government of Bhutan

Statistical Tables

Wangduephodrang Dzongkhag

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CONCEPTS AND DEFINITIONS

Household Size: Number of family members in a household

Sex Ratio: Basic measure to explain the sex composition of Population

Literacy: The ability to read and write a short text in Dzongkha, *Lotsham*, English or any other languages.

Educational Attainment: Six years is the official minimum age for entering primary school

General Literacy Rate: Percentage of population who can read and write a short, simple statement in English, Dzongkha or any other Language

Youth Literacy Rate: Percentage of Population aged 15 to 24 years who can read and write a short, simple statement in English, Dzongkha or any other Languages.

Adult Literacy Rate: Percentage of Population aged 15 years and above, who can read and write a short, simple statement in English, Dzongkha or any other Languages.

Gross Attendance Rate: The total number of students attending school at a given level of education, irrespective of their Age, to the total number of children in the age group.

Net Attendance Rate: The total number of student in a specific age group who are currently attending school at a particular level to the total number of children in that specific group.

Adjusted Net Attendance Ratio: Total number of students of the official primary school age group, who attended primary or secondary education at any time during the reference academic year, expressed as a percentage of the corresponding population.

Age Specific Fertility Rate: Number of live births per 1000 women in a specific age group for a specified geographic area and for a specific point in time, usually a calendar year.

Child Survival Rate: The number of children surviving expressed as percentage of the number of children born in their life time to women aged 15-49

Crude Birth Rate: Is the number of live births in a year per 1000 population.

General Fertility Rate: Is the number of births per 1000 women of reproductive age (15-49 Years) in a population per year.

General Marital Fertility Rate: Is the number of births during a year per 1000 married women of reproductive age (15-49 years)

Total Fertility Rate: Is the average number of children a women bears during her reproductive years, at the prevailing schedule of age-specific fertility rate.

Disability Prevalence Rate: All the new and old cases of disability in the given population and time

Labor Force Participation Rate: Includes the sum of employed and unemployed person expressed as a percent to the total population.

Unemployment Rate: Is the proportion of unemployed person to the labor force expressed in percentage.

1. SAMPLE SIZE ALLOCATED:

1. Total PSUs	:	135
2. Total Households	:	9606
3. Sample Households	:	456
4. Households Interviewed	:	446
5. Response Rate	:	97.8

2. DEMOGRAPHY

Estimated Population	:	41405
Households	:	8847
Average Households Size	:	4.7
Proportion of Female Headed Households (%)	:	52.5
Age at first Marriage	:	23

3. EDUCATION

3.1 Literacy Rate

3.1.1 Literacy Rates by Sex (%)

Indicators	Male	Female	Total
General Literacy Rate	52.1	40	45.7
Youth Literacy Rate	81.2	80.3	80.7
Adult Literacy Rate	50.2	35.8	42.4

3.2 Attendance Rates

3.2.1 Attendance Rates by Sex (%)

Indicators	Male	Female	Total
Gross Attendance Rate	87.9	100.1	93.7
Net Attendance Rate	61.7	62.0	61.8

3.2.2 Attendance Rates by level of Education

Level of Education	Gross Attendance Rate			Net Attendance Rate		
	Male	Female	Total	Male	Female	Total
Primary	105.8	116.1	110.4	88.8	89.6	89.2
Lower Secondary	76.6	88.1	82.3	34.9	39.9	37.3
Middle Secondary	65.7	88.2	76.4	21.6	32.9	27.8
Higher Secondary	53.2	76.0	63.6	26.5	27.4	26.9

3.2.3 Adjusted Primary Net Attendance Ratio

Sex	Primary (NAR)	Lower Secondary	Middle Secondary	Traditional/NFE/Self-learning	Adjusted Primary NAR
Total	89.2	3.1	0.0	1.3	93.5
Male	88.8	1.7	0.0	1.2	91.7
Female	89.6	4.8	0.0	1.4	95.8

3.2.4 Adjusted Lower Secondary Net Attendance Ratio

Sex	Lower Secondary (NAR)	Primary	Middle Secondary	Higher Secondary	Traditional/NFE/Self-learning	Adjusted Lower Secondary NAR
Total	37.3	35.3	9.8	0.0	10.1	92.6
Male	34.9	33.4	8.0	0.0	20.1	96.4
Female	39.9	37.3	11.6	0.0	0.0	88.8

3.2.5 Adjusted Middle Secondary Net Attendance Ratio

Sex	Middle Secondary (NAR)	Primary	Lower Secondary	Higher Secondary	Above Higher Secondary	Traditional/NFE/Self-learning	Adjusted Middle Secondary NAR
Total	27.8	6.5	34.8	8.9	1.3	4.4	83.7
Male	21.6	7.2	35.8	3.7	2.8	9.6	80.8
Female	32.9	6.0	33.9	13.3	0.0	0.0	86.1

3.2.6 Adjusted Higher Secondary Net Attendance Ratio

Sex	Higher Secondary (NAR)	Primary	Lower Secondary	Middle Secondary	Above Higher Secondary	Traditional /NFE/Self-learning	Adjusted Higher Secondary NAR
Total	26.9	2.4	6.1	37.8	0.0	6.1	79.4
Male	26.5	4.5	9.0	28.9	0.0	11.2	80.0
Female	27.4	0.0	2.7	48.5	0.0	0.0	78.6

3.4 School Completion Rate

3.4.1 Primary and Middle Secondary School Completion Rate

Sex	Primary Completion Rate	Secondary Completion Rate
Male	97.5	50
Female	100.2	90
Total	94.8	72

4. HEALTH

4.1 Fertility Rates

4.1.1 Fertility Rates by Area (Per 1000 Population)

Indicators	Urban	Rural	Total
Crude Birth Rate	15.9	15.2	15.3
General Fertility Rate	47.0	59.0	56.2
General Marital Fertility Rate	74.7	102.0	95.1
Total Fertility Rate	1.5	1.9	1.8

4.1.2 Age Specific Fertility Rate (%)

Age Specific	Rate (%)
15-19	8.8
20-24	122.2
25-29	156.9
30-34	59.1
35-39	0.0
40-44	21.3
45-49	0.0

4.2 Mortality Rate

4.2.1 Crude Death Rate by Sex and Area (per 1000 Populations)

Sex	Area		
	Urban	Rural	Total
Male	0.0	13.3	10.8
Female	0.0	9.5	7.6
Total	0.0	11.3	9.1

4.2.2 Disability

Disability Prevalence Rate by Area and Sex

Disability by Type	Urban			Rural			Total		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Mild	5.7	4.9	5.3	13.7	15.0	14.3	12.2	13.0	12.6
Moderate	0.0	0.4	0.2	5.7	4.5	5.1	4.7	3.7	4.2
Severe	0.0	0.3	0.1	3.8	0.9	2.3	3.1	0.8	1.9

5. LABOR AND EMPLOYMENT

5.1 Labor Force Participation Rate by sex (%)

Indicators	Male	Female	Total
Labor Force Participation Rate	73.5	56.4	64.2
Unemployment Rate	1.1	1.9	1.5

6. HOUSING, HOUSEHOLD AMENITIES AND ACCESS TO SERVICES

6.1 Share of Food and Nonfood Consumption Expenditure by Dzongkhag (Nu)

Consumptions	Expenditure (Nu)
Food	19706
Nonfood	20742
Total	40499

6.2 Distribution of Households by Tenure Status, by Housing Provider (Numbers)

Tenure Status	Numbers of Households	Share (%)
Owned	6562	74.2
Rent Free	719	8.1
Government	388	4.4
Public Corporation	33	0.4
Employer	0	0.0
Private Person	1145	12.9
Others	0	0.0
Total	8847	100.0

6.3 Mean House Rent Paid by Households by Area (Nu)

Area	Nu.
Rural	5775
Urban	4617
Total	5434

6.4 Distribution of Households by Main Exterior Wall Materials Used in Dwelling by Area (%)

Main Exterior Wall Materials	Households	%
Mud Bonded Bricks or Stones	5202	58.8
Cement Bonded Bricks or Stones	796	9.0
Concrete	1097	12.4
Mud	1124	12.7
Wood or Branches	602	6.8
Other Materials	26	0.4
Total	8847	100

6.5 Distribution of Housing by Roofing Materials Used in Dwelling by Area (%)

Main Roofing Materials Used	Households	%
Metal Sheets	8387	94.8
Concrete or Cement	53	0.6
Tiles or Slate	53	0.6
Thatch	18	0.2
Plank or Shingles	310	3.5
Other Materials	26	0.4
Total	8847	100

6.6 Distribution of Households by Main Flooring Materials Used in Dwelling by Area (%)

Main Flooring Materials Used	Households	%
Wood	6281	71.0
Cement or Tiles	1469	16.6
Concrete	442	5.0
Clay or Earth	62	0.7
Plank or Shingles	557	6.3
Other Materials	36	0.4
Total	8847	100

6.7 Distribution of Population with Access to Water Source and Improved Sanitation Facility and Using Solid Fuels by Area (%)

Indicators	Urban	Rural	Total
Improved Water Source	99.5	100	99.8
Improved Sanitation	93.4	91.5	92.3
Using Solid Fuels	76.2	94.7	87.2

6.8 Distribution of Household by Access to Electricity (%)

Dzongkhag	With Electricity				Without Electricity				
	Major Source				Reasons				
	Total	Grid	Generator	Solar	Total	No need	Not Available	Too Expensive	Other Reasons
Wangdue	99.8	97.6	0.0	2.2	0.2	0.0	0.2	0.0	0.0

6.9 Distribution of Households by Source of Energy used for Lighting by Area, Numbers and %

Source of Energy Used for Lighting	Households access to the source	% Share
Electricity	8829	99.8
Kerosene or Gas Lamps	18	0.2
Candles	0	0.0
Others	0	0.0
Total	8847	100

6.10 Distribution of Household by Source of Energy Used for Cooking by % Share

Source of Energy Used For Cooking	Percentage Share
Gas (LPG)	83.1
Electricity	96.1
Wood	16.0
Coal	0.0
Kerosene	0.0
Dung cake	0.0
Bio-Gas	0.7
Other	0.0

6.11 Distribution of Household by Source of Energy Used for Heating in Dwellings in Numbers and %

Source of Energy Used For Heating	Households	Percentage Share
Bukhari	3592	40.6
Electric Heater	2008	22.7
Kerosene Heater	35	0.4
Gas Heater	0	0.0
Straw, Bush or Manure Stove	9	0.1
Traditional Stove (Thab)	787	8.9
No Heat in Dwelling	2425	27.2
Total	8847	100

6.12 Distribution of Household by Type of TV connection by Percent and Numbers

Type of TV Connection	Households	Percentage Share
Cable TV	6591	74.5
DTH Satellite	947	10.7
Cable TV and DTH	35	0.4
Others	53	0.6
No TV	1221	13.8
Total	8847	100

6.13 Distribution of Household by Length of Computer Ownership (%)

Length of Ownership	%
Acquired in Past Year	1.7
Acquired More Than 1 Year Ago	13.7
Total	15.5

6.14 Distribution of Household by Ownership of Kitchen and laundry Appliances (%)

Kitchen and Laundry Appliances	% share
Refrigerator	63.9
Microwave Oven	9.2
Modern Stove	81.6
Rice Cooker	96.5
Curry Cooker	91.6
Water Boiler	81.8
Washing Machine	17.4
Electric Iron	15.2

6.15 Distribution of Households by Ownership of Recreational, Telecommunication and Cultural Equipments (%)

Kitchen and Laundry Appliances	% share
Television	77.9
VCR/VCD/DVD	15.8
Camera	8.1
Radio	29.1
Wrist Watch	33.5
Foreign Bow	16.2
Smart Phone	63.4
Tablet	4.5
Other Mobile Phone	58.4

6.16 Distribution of Households by Ownership of Furniture and Fixtures by (%)

Furniture and Fixtures	% share
Choesham	60.6
Sofa set	30.6
Bukhari	49.8
Heater	29.7
Fan	17.8

6.17 Distribution of Households by Ownership of Machinery and Equipment (%)

Kitchen and Laundry Appliances	% share
Sewing Machine	6.7
Grinding Machine	13.1
Power chain	28.8
Tractor	3.0
Power Tiller	18.2

6.18 Distribution of Household by Ownership of Transport Equipments (%)

Transport Equipment	% share
Bicycle	4.0
Motorbike or Scooter	2.7
Family Car	31.6
Other Vehicles	3.6

7. HAPPINESS PERCEPTIONS

7.1 Distribution of Households by Self-rated Happiness (%)

Level of Happiness	% share
Very happy	51.4
Moderately happy	31.6
Neither happy nor Unhappy	12.5
Moderately Unhappy	2.8
Very Unhappy	1.8
Total	100

Courtesy: BLSS Report 2017, National Statistics Bureau (NSB),

www.nsb.gov.bt

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