



METADATA ON 2023 Quarterly LABOUR FORCE SURVEY

Producer

The first ever Quarterly Labor Force Survey, 2023 was conducted by National Statistics Bureau (NSB) and funded by Royal Government of Bhutan.

Methodology

Survey questionnaire: The 2023 QLFS questionnaire contains the following sections:

1. Basic Demographic information
2. Education Details
3. Participation in the Labor Force
4. Employment - characteristics
5. Unemployment and not in the Labor Force – characteristics
6. Previous Employment history

In order to maintain comparability, most of the questions that were canvassed in previous LFSs were retained and some questions were added for the relevancy of quarterly conduct of the survey. There were six sections in the questionnaire and it was prepared in consultation with the relevant stakeholders. The questionnaire's contents were both compliant with national demands and consistent with international standards. In order to determine the average time taken, flow and relevancy of the questions, pretest was conducted in four regions after which some necessary corrections were done.

Reference period

Different reference periods were used for different indicators based on the ILO recommendations.

- The reference period for employment was one week prior to date of enumeration.
- The reference period for Looking for work was four weeks prior to the date of enumeration.
- The reference period for available for work was within two weeks after the date of enumeration.

Target population, sample size and sample allocation

The QLFS 2023, has been designed to cover the regular households of the entire country. The sample for the QLFS was designed to provide estimates of the labor force related indicators both at national and Dzongkhag levels.

The total sample size for 2023 QLFS was 3,027 households at the national level. The estimated sample size at each Dzongkhag was then allocated proportionally to urban and rural areas. At the national level, 38% (1,140) of the total sample size is allocated to urban areas and 62% (1,887) to rural areas. From the 3,027 sample households, 3,008 households responded to the survey questionnaire, giving a response rate of 99.4%.

The sample for QLFS 2023 is designed to provide estimates of the labor force-related indicators at the national and domain levels. In addition to 20 domains of interest, which are dzongkhags, the four thromdes are also considered as domains. Every dzongkhag is further stratified into urban and rural areas, resulting into 44 strata for the survey.

A stratified two-stage sampling design was adopted. The urban and rural areas of each Dzongkhag served as first-level stratification. Within each first-level strata, all Primary Sampling Units 11(PSUs) were first ordered geographically. From the ordered list, the PSUs were further stratified in such a way that the total number of households within second-level strata are approximately equal. The number of secondary-level strata per primary strata were based on the sample size allocated. In each secondary-level stratum, Probability Proportional to number of households and with Replacement (PPSWR) was used to select four PSUs. All PSUs in each stratum were randomly assigned numbers 1-4. All PSUs with the same assigned number were then grouped to form replicates. These replicates constitute the sample areas to be covered for each quarter.

In the second stage of sampling, all the regular households in the sampled PSUs were listed, and the required number of households in each PSU was selected based on the Circular Systematic Sampling (CSS).

The overall sample size was determined based on various precision targets, i.e., at 1%, 3%, and 5% margin of error values, for six major labor force-related indicators at both national and domain levels. It was decided that the estimation of the required sample size would be based on the generation of reliable estimates of Employment/Unemployment Rates at the domain levels and Youth Unemployment Rates in the annual sample. The sample size was determined using formula:

$$n = \frac{p(1 - p) * def f}{SE^2 * R}$$

Taking into account the estimates from LFS 2022, the computation was conducted.

- n = is the number of households required in the sample
- p = is the estimated proportion of the population that possesses a certain characteristic
- d_{eff} = design of effect
- SE = standard error of the estimate
- R = response rate, assumed to be 90%

Utilizing the above-mentioned formula, the total sample size for the pilot QLFS was adjusted at 3,000 households, resulting in an annual sample of 12,000 households to achieve the survey objectives.

Considering equal importance to produce estimates at national and domain levels, a compromise allocation scheme was used for sample allocation. The sample allocation for each domain followed as per the given formula:

$$n_h = n * \frac{\sqrt{\theta W_h^2 + (1 - \theta)/L^2}}{\sum_{h=1}^L \sqrt{\theta W_h^2 + (1 - \theta)/L^2}}$$

Where:

- n = overall sample size
- θ = relative importance given to proportional allocation,
- L = total number of strata
- $W_h = N_h/N$
- N_h = total number of units in stratum h
- N = population size

The allocated sample size for each domain was then distributed proportionately to the number of households in both urban and rural areas, except for Thromdes.

Questionnaire

The questionnaire for the 2023 QLFS is attached as Annex

Data Collection

The enumerators and supervisors were divided into 20 teams based on the sample size and the geo- graphical locations of PSUs in the dzongkhag. Each team was led by a supervisor from the respective dzongkhag for a period of 7 - 17 days in March 2023.

Data was captured during a single visit to the household. In cases where a head of household or competent member of households could not be contacted during the first visit, a minimum of

three revisits were made. The data collection was conducted using Computer Assisted Personal Interviewing (CAPI) method on the survey solution systems.

Data Processing

The field data collection was done using CAPI method. The questionnaire was designed in the survey solutions application. The data consistency checks were done by the respective supervisors during field enumeration, while the coding and revalidation were done by data coders at the head office.

The data validation, cleaning, and tabulations were done for the duration of three weeks using statistical software Stata Version.17. The sampling weights were developed and assigned to individual households in order to obtain the estimates for the whole country.

Survey key Findings

Economically Active and Inactive Population

The working-age population is estimated at 76.8% among which 52.4% are males and 47.6% are females. By area, most of the working age population resides in rural(63.6%) than in urban(36.7%) areas.

Of the total working-age population, 65% are economically active out of which 58.4% are males and 41.6% are females. By area, 64.2% of the total labor force resides in rural area, while a little less than one-third (35.8%) live in urban areas.

In 2023, the LFPR is 65.0%. Males have higher LFPR at 72.4% compared to women at 56.8%, with a difference of 15.6 percentage points. Additionally, the LFPR is higher in rural areas (65.9%) than in urban areas (63.4%).

Employment

The overall employment rate in Bhutan for 2023 is 96.5% (CI 95.8-97.2), with a higher rate among males (97.3%) than females (95.5%). Among Dzongkhags/Thromdes, Wangdue Phodrang (99.7%) has the highest proportion of employed persons followed by Dagana (99.6%). Conversely, Thimphu Thromde and Gelephu Thromde exhibits the lowest proportion of employed persons at 91.9% and 93.5% respectively.

By occupational groups, the most significant share of employment is found among ‘Skilled Agricultural, Forestry, and Fishery Workers’ at 42.9%, with both males (36.6%) and females (52.0%) contributing substantially. In urban areas, the predominant occupational groups are ‘Service and Sales Workers’ and ‘Managers’, together accounting for 19.5% of employment. On

the other hand, in rural areas, the largest proportion (64.5%) of employment is in the category of ‘Skilled Agricultural, Forestry, and Fishery Workers’.

Out of all employed persons, 34.1% have no formal education. The percentage of those without any education is higher among females (40.3%) compared to males (29.7%). The concentration of employed persons with higher educational qualifications is more pronounced in urban areas than in rural areas. Among all employed females, only 1.3% have master’s degree or higher qualification, while for males, the corresponding figure is 2.9%.

The largest segment of employed individuals, accounting for 43.5%, is engaged in the agriculture sector, whereas the lowest percentage, 13.6%, is in the industry sector. The service sector holds a share of 42.9% in the total employment. Females constitute a higher proportion (52.3%) of the workforce in the agriculture sector compared to males (37.3%). Conversely, in the service and industry sectors, the proportion of employed males surpasses that of females. In rural areas, the majority of individuals are employed in the agriculture sector, making up 65.3% of the workforce. On the other hand, in urban areas, approximately 78.5% of individuals are employed in the service sector.

Unemployment

For the year 2023, the estimated unemployment rate is 3.5%. This rate is higher for females compared to males. Specifically, the unemployment rate for females is 4.5%, almost twice as high as the rate for males at 2.7%. This difference is considered significant. In urban areas, the unemployment rate is 6.2%, which is three times higher than the rate in rural areas (1.9%). Notably, urban females experience a comparatively higher unemployment rate of 9.7% compared to 3.9% for their rural counterparts.

Divergent unemployment rates are observed among Dzongkhags/Thromdes. Thimphu Thromde has the highest unemployment rate at 8.1% followed by Thimphu (5.2%), and Samdrup Jongkhar (4.9%). Conversely, Wangdue Phodrang (0.3%) has the lowest unemployment rate, followed by Dagana (0.4%) and Gasa Dzongkhags, each with an unemployment rate of 0.5%. In most Dzongkhags, the female unemployment rate surpasses that of males, except in Dagana, Samdrup Jongkhar, Sarpang, Thimphu, and Tsirang.

The youth unemployment rate is estimated at 15.9% in 2023. Notably, the youth unemployment rate for males (13.4%) is lower than that for females (18.3%). Additionally, variations exist in the youth unemployment rate between males and females in both urban and rural areas. Youth unemployment emerges as predominantly an urban phenomenon, with a rate of 23.9%, which is more than half of the rate observed in rural areas 9.4%.

VARIABLE NAME, LABEL AND DESCRIPTION

This section gives detail description of all the variables given in the dataset. The variable name is given in the first column and it is same as the question number given in the questionnaire. The

second column gives the label of the variable. It describes the variable in few words. The third column describes each variable in detail.

interview__key: It is a unique identifier of the interview.

psu_str: It is the Primary Sampling Unit Strata.

weight: Survey weights are values assigned to each respondent to adjust for sampling design and ensure that the survey results accurately represent the target population.

dcode24: It is the 24 domains of the survey (20 Dzongkhags and 4 Thromdes).

area: Rural or Urban.

Section I: Basic Demographic Information

Ask this section to all household members

Variable Name	Variable Label	Description	Remarks
q1_2	Sex	Sex of the each of the household member	
q1_3	Relation to Household Head	Relationship of the each of the household member to the household head	
q1_3a	Specify the relationship	Specification of the relationship to the household head	
q1_4	Age of the member	Age of the each of the household member	
q1_5	Marital status	Present marital status of the each household member	

Section II: Education Details

Filter population 3 years old and above

Variable Name	Variable Label	Description	Remarks
q2_1	Attending or has attended ECCD/ School/ Institutes/Monastic education	Whether the household members are currently attending or has attended in school/institutes/monastic education	

q2_2	Type of ECCD/School/College/institute/Monastic education attending	If any of the member is currently attending, then in which type of ECCD/School/College/institutes/Monastic education they are attending.	
q2_3	Highest grade the name is currently attending or has attended	The highest educational grade of the household member. This question is asked to members who are currently attending in school/college/institutes/monastic education or has attended in the past	
q2_4	Stream or field	In which stream or field the member is currently attending or has attended in the past.	
q2_5	Specify the field of study	A member is asked on the course of his/her study and accordingly coded in q2_5a	
q2_6	Have [NAME] ever attended/attending a formal professional/technical training	This question is asked to those individuals who attended the formal professional/technical training, in the past or never attended.	
q2_7	Level of training	If any of the household member is attending or has attended any training, then whether the training is diploma or certificate level	
q2_8	Type of training institutes	This question is asked to gather whether the training institutes they are attending or has attended is government, private or public training institutes	
q2_9	Duration of training	Duration of the training attending/has attended by the household member	
q2_10	Specify course that currently attending/has attended	Specification of the course (relevant field of training) which is later coded in q10a	
q2_11	Specify course that is currently attending or has attended in the past.	Ask member about the training/course study and then select the appropriate code in q2_11a. Example: If the member is currently pursuing Bachelor of Business Administration in Gedu College of Business Studies, then select "Business management, book-keeping/accounting finance etc."	

Section III: Participation in the labor force

Ask to all household members who are 15 years and above, who are not attending (school/college/institutes/monastic education)

Variable Name	Variable Label	Description	Remarks
q3_1	Employed	Whether the household members have worked for pay, profit or family gain at least one hour during the past week.	
q3_2	Absent from work/business in the past week	Although the household members did not work in past one week, does he/she has a job or business from which he/she was absent during the past week.	
q3_3	Reasons for being absent	Why was the household member absent for the work/business	
q3_4	During low/off season	To identify persons with seasonal jobs who continue to perform some of the tasks or duties of their job during the low or off-season and asked only of persons who reported being absent from a job due to the low or off season.	
q3_5	Will you return to same job in 3 months or less	It refers to the expected total duration of the absence. This includes both the elapsed duration to date and the expected future period of absence.	
q3_6	Paid while temporary away	Income includes all income in cash or in kind which is related to the job they are absent from and which they continue to receive during the absence	

Section IV: Employment Characteristics

Filter: All household members 15 years and over, who worked at least one hour or had a job/business in the last seven days

Variable Name	Variable Label	Description	Remarks
q4_1	Member's designation	What is the main designation/occupation of the household member if he/she is employed	

q4_2a	Industry code	BSIC code of the economic activity	
q4_3	Nature of employment	Status in employment refers to the type of relationship between the respondent and the unit they work for	
q4_3a	Specify other employment status	Specify the employment status if it is other than the standards given	
q4_4	Type of organization	The type of organization the household member is working	
q4_4a	Specify what other type of organization	Specify the organization if it is other than the standards given	
q4_13	Average Monthly Earning from primary job	Average monthly earning of the each household member from primary job	
q4_14	Secondary Occupation - Yes/No	It refers to desire to work more hours than usually worked provided that these are remunerated. This may be in any of the current job(s) or in a different job.	
q4_15	Hours worked in additional jobs	Total hours the household member worked during the past one week for his/her secondary job	
q4_16	Want to work more hours per week	It refers to a condition if the household member want to work more than the average time he or she currently works	
q4_17	Could [NAME] start working more hours within the next two weeks?	It refers to a condition if the household member is readily available to start working more than the average time he or she currently works within the next two weeks	
q4_18	Want to change current employment	This question is asked with an intention to capture if the person is not satisfied with their current working arrangement.	
q4_19	Main reason why name wants to change employment situations	This refers to their overall employment situation, not just a main job.	
q4_19a	Specify other reasons for wanting to change current employment situations	Reasons for wanting to change current employment status to be specified here	

Section V: Unemployment and not in the labor force characteristics

All household members age 15 and over, who did not work and had no job/business during the past one week or those who are trying to start a job or a business

Variable Name	Variable Label	Description	Remarks
q5_1	Tried to establish business	Ask whether he/she had looked for work or tried to establish business or both in the past four weeks. The objective of asking this question is to find out if they had taken specific steps in a specified recent period for paid employment or self-employment.	
q5_2	look for job	What did the person do to look for job in the last four weeks.	
q5_4	What did you do to establish a business?	Did the person establish a business in the past four weeks.	
q5_5	How long have you been looking for work/trying to start a business	The purpose of this question is to identify the duration of unemployment for people who are currently unemployed.	
q5_6	At present does name want to work?	This is only asked of people who are not looking for work currently. The focus of the question is on the person's desire for work and not on the type of work or how the work would be found	
q5_7	Why didn't name look for job/business	This is to identify the reasons for not seeking work. This include discouraged workers who are not looking for work as they do not believe it is available	
q5_7a	Specify	Specification of the reason for being unemployed.	

q5_8	Duration of new job or business	The question identifies respondents who have found a job to start within a short subsequent period or who have concrete plans to start a business within a short subsequent period.	
q5_9	Ready to accept job if offered or to start business within next two weeks	This question seeks respondent's time availability to start work in a short period (the week before the interview) should a job or business opportunity existed.	
q5_10	Not able to take up job or start a business, if available?	This is asked of people who are not employed and not available to work, whether they are seeking or not.	
q5_10a	Other reasons for not being able to take up available job/start a business	Any other reasons that is not included in the standard reasons defined	
q5_11	Reason for being unemployed	The questions are asked to those who are looking for job or tried to establish business and/ available to take up the jobs in the reference period.	
q5_11a	Other reason for being unemployed	Any other reasons that is not included in the standard reasons defined	

Section VI: Previous employment history

The questions in this section are asked all the persons aged 15 years and above and who are not in the employment during the survey period.

Variable Name	Variable Label	Description	Remarks
q6_1	Did name work any time before	Whether the household member have worked any time before or not.	
q6_2	Member's designation	What was his/her last occupation	
q6_2a	Occupation code	BSCO code of the occupation	
q6_3	Industry	Industry in which the member has worked in the past	

q6_3a	Industry code	BSIC code of the activity of the industry.	
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KEY INDICATORS

The key indicators and their details are as follows:

- **Indicator:** Representation of the statistical data for a specified time, place or any other relevant characteristic. It is a summary measure related to a key issue or phenomenon and derived from a series of observed facts. Indicators can be used to reveal relative positions or show positive or negative change.
- **Unit:** Unit of observation or measurement for which data are collected or derived.
- **Indicator definition:** Describes the indicator in detail or definition of the indicator.
- **Method of computation:** It is the mathematical calculation/model/formula includes both arithmetical or non-arithmetical steps and which followed a well-defined model.
- **Comments and Limitations:** If any characteristics of design or methodology that impacted or influenced the interpretation of the finding from this research.

Sl. No	Indicator	Unit	Indicator Definition	Method of Computation
1	Working-age Population	Number	Persons aged 15 years and above	
2	Economically Active Population (labor force)	Number	Working-age population who were/are employed or unemployed during the reference period of the survey are referred to as Economically active population or Labor Force.	
3	Economically Inactive Population (out of labor force)	Number	Working-age population who are/ were neither employed nor unemployed during the reference period	
4	Labor Force Participation Rate (LFPR)	Percentage	LFPR is defined as proportion of economically active persons (labor force) to the working age population	Numerator is economically active/labor force and denominator is working-age population

5	Economically Inactive Rate	Percentage	It is defined as proportion of economically inactive persons (out of labor force) to the working-age population	Numerator is economically inactive population and denominator is working-age population
6	Employment Rate	Percentage	It is defined as proportion of employed persons to the economically active population	Numerator is employed persons and denominator is economically active population
7	Employment-to-Population Ratio	Percentage	It is defined as the proportion of employed persons to the working-age population	Numerator is employed persons and denominator is working-age population
8	Unemployment Rate	Percentage	Unemployment rate is defined as the proportion of unemployed persons to the economically active population	Numerator is unemployed persons and denominator is economically active Population
9	Unemployment-to-Population Ratio	Percentage	It is defined as the proportion of unemployed persons to the working-age population	Numerator is unemployed persons denominator is working-age population
10	Youth Unemployment Rate	Percentage	Youth unemployment rate is defined as the percentage of unemployed persons in the age group 15-24 years to the economically active population in the same age group	Numerator is unemployed persons (aged 15-24 years) and denominator is economically active youth population
11	Share of Youth Unemployment	Percentage	It is expressed as percentage of youth unemployed persons to all unemployed persons	Numerator is youth unemployed persons denominator is Total Unemployed persons
12	Long Term Unemployment Rate	Percentage	Long-term unemployment rate is expressed as the percentage of unemployed (12 months or more) persons to economically active population	Numerator is persons who are unemployed for 12 months or more denominator is economically active population
13	Share of Long-term Unemployment	Percentage	It is expressed as a percentage of long term unemployed persons to total unemployed persons	Numerator is long-term unemployed persons and denominator is total unemployed persons

Report

The 2023 QLFS report is available on the NSB website. It can be seen at <https://www.nsb.gov.bt/publications/labour-force-survey-report/>

Questionnaire

All information collected in this questionnaire will be confidential

HOUSEHOLD IDENTIFICATION		
Dzongkhag:	<input type="text" value="pre fill"/>	<input type="text"/>
Town/Gewog:	<input type="text" value="pre fill"/>	<input type="text"/>
	LAP (Urban only):	<input type="text"/>
	EA number:	<input type="text"/>
Chiwog Name (Rural only):	<input type="text" value="pre fill"/>	<input type="text"/>
	EA number:	<input type="text"/>
	Household serial Number:	<input type="text"/>
Name of the Respondent:	<input type="text"/>	
Phone Number:	<input type="text"/>	

PART I: DEMOGRAPHIC CHARACTERISTICS

SECTION 1: BASIC DEMOGRAPHIC INFORMATION

Filter: All household members									
1.1	[NAME] of the household member? (begin with the household head)								
	<table border="1"><tbody><tr><td>1</td><td><input type="text"/></td></tr><tr><td>2</td><td><input type="text"/></td></tr><tr><td>3</td><td><input type="text"/></td></tr><tr><td>4</td><td><input type="text"/></td></tr></tbody></table>	1	<input type="text"/>	2	<input type="text"/>	3	<input type="text"/>	4	<input type="text"/>
1	<input type="text"/>								
2	<input type="text"/>								
3	<input type="text"/>								
4	<input type="text"/>								
1.2	What is the Sex of [NAME]?								
	[1] MALE								
	[2] FEMALE								

1.3	<p>What is the relationship of [NAME] to the head of household? <i>(Refer code below)</i></p> <table border="0"> <tr><td>[1] HEAD</td><td>[18] DAUGHTER-IN-LAW</td></tr> <tr><td>[2] SPOUSE</td><td>[19] UNCLE</td></tr> <tr><td>[3] SON</td><td>[20] AUNT</td></tr> <tr><td>[4] DAUGHTER</td><td>[21] NIECE</td></tr> <tr><td>[5] FATHER</td><td>[22] NEPHEW</td></tr> <tr><td>[6] MOTHER</td><td>[23] ADOPTED SON</td></tr> <tr><td>[7] BROTHER</td><td>[24] ADOPTED DAUGHTER</td></tr> <tr><td>[8] SISTER</td><td>[25] FOSTER SON</td></tr> <tr><td>[9] GRAND-FATHER</td><td>[26] FOSTER DAUGHTER</td></tr> <tr><td>[10] GRAND-MOTHER</td><td>[27] STEP SON</td></tr> <tr><td>[11] GRAND-SON</td><td>[28] STEP DAUGHTER</td></tr> <tr><td>[12] GRAND-DAUGHTER</td><td>[29] STEP FATHER</td></tr> <tr><td>[13] FATHER-IN-LAW</td><td>[30] STEP MOTHER</td></tr> <tr><td>[14] MOTHER-IN-LAW</td><td>[31] OTHER FAMILY RELATIVES</td></tr> <tr><td>[15] BROTHER-IN-LAW</td><td>[32] LIVE IN SERVANT</td></tr> <tr><td>[16] SISTER-IN-LAW</td><td>[33] OTHER NON- RELATIVES</td></tr> <tr><td>[17] SON-IN-LAW</td><td>[96] OTHERS SPECIFY [GO TO 1.3a]</td></tr> </table>	[1] HEAD	[18] DAUGHTER-IN-LAW	[2] SPOUSE	[19] UNCLE	[3] SON	[20] AUNT	[4] DAUGHTER	[21] NIECE	[5] FATHER	[22] NEPHEW	[6] MOTHER	[23] ADOPTED SON	[7] BROTHER	[24] ADOPTED DAUGHTER	[8] SISTER	[25] FOSTER SON	[9] GRAND-FATHER	[26] FOSTER DAUGHTER	[10] GRAND-MOTHER	[27] STEP SON	[11] GRAND-SON	[28] STEP DAUGHTER	[12] GRAND-DAUGHTER	[29] STEP FATHER	[13] FATHER-IN-LAW	[30] STEP MOTHER	[14] MOTHER-IN-LAW	[31] OTHER FAMILY RELATIVES	[15] BROTHER-IN-LAW	[32] LIVE IN SERVANT	[16] SISTER-IN-LAW	[33] OTHER NON- RELATIVES	[17] SON-IN-LAW	[96] OTHERS SPECIFY [GO TO 1.3a]
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1.3a	Specify the other relationship																																		

1.4	<p>How old is [NAME] ? <i>(Write in completed years, if less than 1 year, write 000)</i></p> <p style="text-align: center;">[If age<=2, go to next member]</p>						
1.5	<p>What is the present marital status of [NAME] ? <i>[If 1.4>14]</i></p> <table border="0"> <tr><td>[1] NEVER MARRIED</td></tr> <tr><td>[2] LIVING TOGETHER</td></tr> <tr><td>[3] MARRIED</td></tr> <tr><td>[4] DIVORCED</td></tr> <tr><td>[5] SEPARATED</td></tr> <tr><td>[6] WIDOW/WIDOWER</td></tr> </table>	[1] NEVER MARRIED	[2] LIVING TOGETHER	[3] MARRIED	[4] DIVORCED	[5] SEPARATED	[6] WIDOW/WIDOWER
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[5] SEPARATED							
[6] WIDOW/WIDOWER							

SECTION II: EDUCATION DETAILS

Filter: All household members 3 years and over					
2.1	<p>Is [NAME] attending or has attended ECCD/school /college/institutes/monastic education/NFE?</p> <table border="0"> <tr><td>[1] CURRENTLY ATTENDING</td></tr> <tr><td>[2] ATTENDED IN THE PAST</td></tr> <tr><td>[3] NEVER ATTENDED [If age between 3-24, go to next member. If age >=15, to to 2.6]</td></tr> </table>	[1] CURRENTLY ATTENDING	[2] ATTENDED IN THE PAST	[3] NEVER ATTENDED [If age between 3-24, go to next member. If age >=15, to to 2.6]	
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[2] ATTENDED IN THE PAST					
[3] NEVER ATTENDED [If age between 3-24, go to next member. If age >=15, to to 2.6]					
2.2	<p>Type of ECCD/School/College/Institutes/Monastic education/NFE [NAME] is attending/has attended? <i>[If 1,2 in 2.1]</i></p> <table border="0"> <tr><td>[1] ECCD, SCHOOL, COLLEGE AND UNIVERSITIES, INSTITUTES OFFERING POST GRADUATE COURSES</td></tr> <tr><td>[2] CONTINUING EDUCATION</td></tr> <tr><td>[3] MONASTIC EDUCATION</td></tr> <tr><td>[4] NON FORMAL EDUCATION</td></tr> </table>	[1] ECCD, SCHOOL, COLLEGE AND UNIVERSITIES, INSTITUTES OFFERING POST GRADUATE COURSES	[2] CONTINUING EDUCATION	[3] MONASTIC EDUCATION	[4] NON FORMAL EDUCATION
[1] ECCD, SCHOOL, COLLEGE AND UNIVERSITIES, INSTITUTES OFFERING POST GRADUATE COURSES					
[2] CONTINUING EDUCATION					
[3] MONASTIC EDUCATION					
[4] NON FORMAL EDUCATION					

2.3	<p>What is the highest grade [NAME] is currently attending/has attended? [If 1,2 in 2.2]</p> <p>[0] PRE PRIMARY (PP) [9] GRADE 9 [1] GRADE 1 [10] GRADE 10 [2] GRADE 2 [11] GRADE 11 GO TO 2.4 [3] GRADE 3 [12] GRADE 12 GO TO 2.4 [4] GRADE 4 [13] CERTIFICATE GO TO 2.5 [5] GRADE 5 [14] DIPLOMA GO TO 2.5 [6] GRADE 6 [15] BACHELOR'S DEGREE GO TO 2.5 [7] GRADE 7 [16] POST GRADUATE DIPLOMA GO TO 2.5 [8] GRADE 8 [17] MASTER'S DEGREE/MPHIL GO TO 2.5 [18] PhD GO TO 2.5 [19] ECCD</p>
2.4	<p>In which stream or field is [Name] currently attending / has attended?</p> <p>[1] ARTS AND HUMANITIES (INCLUDES DZONGKHA RIGZHUNG) [2] COMMERCE [3] SCIENCE [98] DON'T KNOW</p>
2.5	<p>If current/completed grade in Q2.3 are Certificate, Diploma, Bachelors Degree / Master's degree and above, specify [NAME]'s field of study</p> <p>2.5a Please select the relevant field of study from below for the specified study in Q 2.5</p> <p>[1] Education [2] Business administration, accountancy, commerce, retail shop management, economic etc [3] Public administration and planning [4] Law and legal service [5] Medical, health service, nursing, etc. [6] Science, mathematics, statistics, computing etc. [7] Other technical & engineering including architecture, industry, craft, building trade etc. [8] Agriculture, livestock, forestry [9] Social and behavioral studies, media, culture, sport and leisure studies, tourism etc. [10] Art or humanities -languages, classics, history, theology etc.. [11] Personal care services-domestic science etc. [12] Public order and safety-police, army, fire services etc. [98] Don't know</p> <p style="text-align: center;">[If 1 in 2.1 and 1 or 3 in 2.2, go to next member] [If 1 in 2.1 and 2 or 4 in 2.2, go to section 3]</p>

<i>Note: The training section is asked to those who have attended school in the past or never attended</i>	
2.6	<p>Have [NAME] ever attended/attending a formal professional/technical training, relevant to an occupation/employment? [If 2,3 in 2.1]</p> <p>[1] YES, CURRENTLY ATTENDING [2] YES, ATTENDED IN THE PAST [3] NO [GO TO SECTION 3]</p>
2.7	<p>What is the level of [NAME]'s training?</p> <p>[1] Certificate [NC1,NC2,NC3 or equivalent] [2] General Certificate [3] Diploma or above</p>
2.8	<p>Type of training institutes [NAME] is currently attending/attended?</p> <p>[1] GOVERNMENT (TTI/IZCS/RITH/RDTC/JWPTI) [2] GOVERNMENT (OTHERS) [2] OTHER PUBLIC TRAINING INSTITUTES [3] PRIVATE</p>
2.9	<p>Duration of the training [NAME] is currently attending/attended in the past</p> <p>[1] LESS THAN ONE MONTH [2] ONE MONTH TO LESS THAN SIX MONTHS [3] SIX MONTHS TO LESS THAN ONE YEAR [4] ONE YEAR TO LESS THAN TWO YEARS [5] TWO YEARS AND ABOVE</p>

2.10	<p>Specify the training/course that [NAME] is currently attending / attended [If 1 in 2.8]</p>
2.10a	<p>Please select the relevant field of training for Q2.10</p> <ol style="list-style-type: none"> 1. Automobile Electrician 2. Automobile Mechanic 3. Automobile Painting 4. Cable TV Technician 5. Carpentry 6. Computer Hardware and Networking (CHN) 7. Domestic Wiring 8. Electrical 9. Furniture Making 10. Heavy Earth Moving (HEM) 11. Heavy Vehicle Driving (HVD) 12. House Wiring 13. Hydropower Mechanical 14. Industrial Wiring 15. Jimzo (Sculpture)

16. Lhadri (Mural Painting)
17. Masonary
18. Mechanical Fitter
19. Mechanical Welder
20. Patra (Wood Carving)
21. Plumbing
22. Refrigeration and Air Conditioning (RAC)
23. Shazo (Wood Turning)
24. Shingtsen (Traditional House Painting)
25. Solar Photovoltaic System
26. Thangzo (Weaving)
27. Transmission and Distribution lineman
28. Trezo (Gold and Silver Smith)
29. Tsemдру (Embroidery)
30. Tshemzo (Tailoring)
31. UG Cable Laying and Trenching

2.11 Specify the training/course that [NAME] is currently attending or has attended *[Only if 2, 3,4 in 2.8]*

2.11a Please select the relevant field of training for Q2.11

1. Agriculture, livestock, fishing etc.
2. Auto mechanic or home appliance repair
3. Construction and other engineering
4. Manufacturing and mining (e.g. skilled operator etc.)
5. Information technology (e.g. computer software, database etc.)
6. Business management, book-keeping/accounting finance etc.
7. Health/Education services (e.g. Nurse, pharmacy, paramedic, Technician etc.)
8. Media and entertainment
9. Legal service (e.g. Legal assistant, paralegal)
10. Secretarial, clerical, general office
11. Hair dressing, cosmetology
12. Restaurant, Culinary arts, hotel and Tourism
13. Public order and safety (e.g. Police, Army, Fire services etc.)
14. Arts and crafts (e.g. Tailoring, weaving, painting, etc.)
15. Administrative and Management
16. Others
98. Don't know

[If 1 in 2.6 and 1 in 2.8, go to next member]

PART II: ECONOMIC CHARACTERISTICS

SECTION III: PARTICIPATION IN THE LABOUR FORCE

Filter: All household members 15 years and over, who are not attending school/institutes/college/monastic education	
3.1	<p>Did [NAME] do any of the following economic activities even if it was for one hour during last seven days?</p> <p>[1] YES, doing any kind of work for wage, salary, commission, or any payment in kind GO TO 4.1</p> <p>[2] YES, doing any kind of business or other activity GO TO 4.1</p> <p>[3] YES, farming GO TO 4.1</p> <p>[4] NO</p>
3.2	<p>Although [NAME] did not work, does he/she have a job or business from which he/she was absent during the past week?</p> <p>[1] YES</p> <p>[2] NO GO TO 5.1</p>
3.3	<p>Why was [NAME] absent from work during the last seven days? [If 1 in 3.2]</p> <p>[1] WAITING TO START NEW JOB OR BUSINESS GO TO 5.1</p> <p>[2] VACATION, HOLIDAYS [GO TO 4.1]</p> <p>[3] SHIFT WORK, FLEXI TIME, NATURE OF WORK [GO TO 4.1]</p> <p>[4] MATERNITY, PATERNITY LEAVE [GO TO 4.1]</p> <p>[5] IN STUDIES OR TRAINING</p> <p>[6] OTHER PERSONAL LEAVE (CARE FOR FAMILY, CIVIC DUTIES..)</p> <p>[7] TEMPORARY LAID OFF, NO CLIENTS OR MATERIALS, WORK BREAKS</p> <p>[8] BAD WEATHER, NATURAL DISASTER</p> <p>[9] SICKNESS, ILLNESS, ACCIDENT [GO TO 4.1]</p> <p>[10] LONG-TERM DISABILITY</p> <p>[11] LOW OR OFF-SEASON GO TO 3.4</p> <p>[96] OTHERS SPECIFY [GO TO 3.3a]</p>
3.3a	<p>Specify the reason</p>
3.4	<p>During the low/off season, does [NAME] continue to do some work for that job/ business? [If 11 in 3.3]</p> <p>[1] YES [GO TO 4.1]</p> <p>[2] NO [GO TO 5.1]</p>
3.5	<p>Including the time that [NAME] has been absent, will [NAME] return to that same job or business in 3 months or less? [If 5,6,7,8,10 in 3.3]</p> <p>[1] YES [GO TO 4.1]</p> <p>[2] NO</p> <p>[98] DON'T KNOW</p>
3.6	<p>Was [NAME] paid a salary/wage or did they earn any profits from productive or business activities while they were away temporarily?</p> <p>[1] YES [GO TO 4.1]</p> <p>[2] NO [GO TO 5.1]</p> <p>[98] DON'T KNOW [GO TO 5.1]</p>

SECTION IV: EMPLOYMENT -CHARACTERISTICS

Filter: All household members 15 years and over, who worked atleast one hour or had a job/business in the last seven days	
4.1	What is [NAME] 's main designation/occupation? <i>(Please specify the occupation)</i>
4.1a	Occupation Code (Refer Q 4.1 for the occupation)
4.2	What is the main activity or product/service of the establishment where [NAME] works?
4.2a	Industry Code (Refer Q 4.4 for the activity of the organization)
4.3	<p>What is [NAME] 's employment status?</p> <p>[1] REGULAR PAID EMPLOYEE [2] CASUAL PAID EMPLOYEE [3] OWN ACCOUNT WORKER (NON AGRICULTURE) [4] OWN ACCOUNT WORKER (AGRICULTURE) [5] FAMILY WORKER(NON-AGRICULTURE) [6] FAMILY WORKER(AGRICULTURE) [7] EMPLOYER [8] APPRENTICESHIP/INTERNSHIP [96] OTHERS SPECIFY</p>
4.3a	Specify the other employment status
4.4	<p>In what type of organization does [NAME] work?</p> <p>[1] GOVERNMENT AGENCY [2] ARMED FORCES [3] AGRICULTURE FARMING [4] STATE OWNED COMPANY (SOES) [5] PUBLIC LIMITED COMPANY [6] PRIVATE LIMITED COMPANY [7] PRIVATE BUSINESS [8] A HOUSEHOLD(S) AS A DOMESTIC WORKER [GO TO 4.12] [9] NON-GOVERNMENTAL/INTERNATIONAL GOVERNMENT/CIVIL SOCIETY/ORGANIZATION (NGO/INGO/CSO) [96] OTHERS SPECIFY</p>
4.4a	Specify the other type of organization
4.5	<p>Does [NAME] 's employer pay contributions to the provident fund? [If 1,2,8 in 4.3 & !=1,2,3,8 in 4.4]</p> <p>[1] YES [2] NO [98] DON'T KNOW</p>
4.6	<p>Is [NAME] entitled to paid annual leave?</p> <p>[1] YES [2] NO [98] DON'T KNOW</p>

4.7	<p>If [NAME] becomes ill or injured, will he/she receive paid sick leave?</p> <p>[1] YES [2] NO [98] DON'T KNOW</p>
4.8	<p>Is the business [NAME] work(s) for registered in the MoICE? [If 3,4,5,6,7 in 4.3 & 7 in 4.4]</p> <p>[1] YES GO TO 4.10 [2] NO [98] DON'T KNOW</p>
4.90	<p>What kind of accounts / records does the business keep? [If 2,98 in 4.8]</p> <p>[1] A COMPLETE SET OF WRITTEN ACCOUNTS FOR TAX PURPOSE [2] SIMPLIFIED WRITTEN ACCOUNTS NOT FOR TAX PURPOSES [3] INFORMAL RECORDS OF ORDERS, SALES, PURCHASES [4] NO RECORDS ARE KEPT [98] DON'T KNOW</p>

4.10	<p>In what kind of place does [NAME] typically work?</p> <p>[1] AT OWN HOME [2] AT CLIENT'S OR EMPLOYER'S HOME [3] AT A FARM, AGRICULTURE LAND [4] AT A BUSINESS, OFFICE, FACTORY, FIXED PREMISE, OR SITE [5] ON THE STREET OR ANOTHER PUBLIC SPACE WITHOUT FIXED STRUCTURE [6] IN OR ON A VEHICLE (WITHOUT DAILY WORK BASE) [7] DOOR-TO-DOOR [96] OTHERS SPECIFY</p>
4.10a	<p>Specify the kind of typical work place</p>
4.11	<p>How many persons including [NAME] work at [NAME]'s place of work? [If 4.10 !=4 or 98 in 4.9]</p> <p>[1] 1 [2] 2-4 [3] 5-9 [4] 10-19 [5] 20-49 [6] 50+</p>
4.12	<p>In total how many hours did [NAME] work during the past one week for his/her primary job? _____ hours</p>
4.13	<p>What is [NAME] 's average monthly earnings (Nu.) from primary job? Nu. _____</p>

4.14	<p>Besides the primary job, does [NAME] have additional occupation/ economic activity last week?</p> <p>[1] YES [2] NO GO TO 4.17</p>
4.15	<p>How many hours did [NAME] work in additional jobs during the past seven days? [If 1 in 4.14]</p>
4.16	<p>What is the average monthly income from Secondary job?</p>

Note for adaptation: The following set of questions is asked to those employed persons whose working hours in their primary job or total working hours in both primary and secondary job is less than 35 hours per week

4.17 Would [NAME] want to work more hours per week than usually worked, provided the extra hours are paid?

- [1] YES
- [2] NO GO TO 4.19

4.18 Could [NAME] start working more hours within the next two weeks? [If 1 in 4.17]

- [1] YES
- [2] NO

Note for adaptation: The following set of questions is asked to all the people in employment

4.19 Does [NAME] want to change his/her current employment situation?

- [1] YES
- [2] NO GO TO NEXT MEMBER

4.20 What is the main reason why [NAME] wants to change his/her employment situation? [If 1 in 4.19]

- [1] PRESENT JOB(S) IS OR ARE TEMPORARY
- [2] TO HAVE A BETTER PAID JOB
- [3] TO HAVE MORE CLIENTS OR BUSINESS
- [4] TO WORK MORE HOURS
- [5] TO WORK FEWER HOURS
- [6] TO BETTER MATCH SKILLS
- [7] TO WORK CLOSER TO HOME
- [8] TO HAVE MORE LEAVES OR HOLIDAYS
- [9] TO HAVE BETTER POST RETIREMENT BENEFITS
- [10] TO HAVE BETTER AND SAFFE WORK PLACE
- [96] OTHERS SPECIFY

4.20a Specify the other reasons

SECTION V: UNEMPLOYMENT AND NOT IN THE LABOUR FORCE-CHARACTERISTICS

Filter: All household members age 15 and over, who did not work and had no job/business during the past one week or those who are trying to start a job or a business

5.1 Did [NAME] look for work / tried to establish a business during the past four weeks?

- [1] YES, LOOK FOR WORK ONLY
- [2] YES, TRIED TO ESTABLISH A BUSINESS ONLY GO TO 5.4
- [3] YES, BOTH
- [4] NO GO TO 5.6

5.2 What did [NAME] do to look for a job in the last four weeks? [If 1,3 in 5.1]

- [1] REGISTERED WITH MOICE OR ANY JOB PORTALS
- [2] APPROACHED EMPLOYER DIRECTLY
- [3] SOUGHT ASSISTANCE FROM RELATIVES OR FRIENDS
- [4] UNDERGONE TRAINING
- [5] UNDERGONE INTERNSHIPS
- [6] PLACE OR ANSWER JOB ADVERTISEMENT
- [7] TAKE A TEST OR INTERVIEW
- [8] STUDY OR READ JOB ADVERTISEMENTS GO TO 5.3
- [96] OTHERS SPECIFY

5.2a Specify the other steps taken to look for a job?

- [If 1 in 5.1 and != equal to 8 in 5.2, go to 5.5]
- [If 3 in 5.1 & != 8 in 5.2, go to 5.4]

5.3	In addition to reading job advertisements, did [NAME] do anything else in the last four weeks to find a job?
	[1] REGISTERED WITH MOICE OR ANY JOB PORTALS [2] APPROACHED EMPLOYER DIRECTLY [3] SOUGHT ASSISTANCE FROM RELATIVES/FRIENDS [4] UNDERGONE TRAINING [5] UNDERGONE INTERNSHIPS [6] ANSWER JOB ADVERTISEMENT [7] TAKE A TEST OR INTERVIEW [8] NO OTHER ACTIONS TAKEN [96] OTHERS SPECIFY
5.3a	Specify other additional steps taken to look for a job
5.4	What did [NAME] do to start a business in the last four weeks? [If 2,3 in 5.1]
	[1] LOOKED FOR LAND, BUILDING, MACHINERY OR EQUIPMENT OR RAW MATERIALS [2] ARRANGED FOR FINANCIAL RESOURCES [3] APPLIED FOR LICENSE OR PERMIT OR CLEARANCE [4] ATTENDED BUSINESS RELATED TRAINING [96] OTHERS SPECIFY
5.4a	Specify other steps taken to start a business

5.5	How long has [NAME] been looking for work/trying to start a business? [If 1,2,3 in 5.1]
	[1] LESS THAN ONE MONTH [2] ONE TO LESS THAN SIX MONTHS [3] SIX MONTHS TO LESS THAN ONE YEAR [4] ONE YEAR TO LESS THAN TWO YEARS [5] TWO YEARS AND ABOVE
5.6	At present does [NAME] want to work? [If 4 in 5.1]
	[1] YES [2] NO [Go to next member]

5.7	Why didn't [NAME] look for job / tried to establish business in the past four weeks? [If 1 in 5.6]
	[1] IN STUDIES, TRAINING [2] HOUSE OR FAMILY DUTIES [3] WAITING FOR RECALL FROM PREVIOUS JOB [4] WAITING FOR RESULT-ACADEMIC [5] WAITING FOR THE RESULT OF THE PREVIOUS SEARCH [6] ILLNESS OR INJURY OR DISABILITY [7] RETIRED OR PENSIONER OR OLD AGE [8] PLANNING TO GO ABROAD FOR WORK [9] BELIEVE NO WORK AVAILABLE OR TIRED OF LOOKING FOR JOBS [10] DO NOT KNOW WHERE TO LOOK FOR A WORK [11] LACK OF SKILLS OR QUALIFICATION OR EXPERIENCE [12] CONSIDERED TOO OLD OR TOO YOUNG BY EMPLOYER [13] WAITING FOR THE SEASON TO START [14] WAITING TO START A NEW JOB OR BUSINESS [96] OTHERS SPECIFY
5.7a	Specify the reason for being unemployed

5.8	<p>How soon does [NAME] expect to start working in this new job or business? <i>[If 14 in 5.7]</i></p> <p>[1] ONE MONTH OR LESS [2] THREE MONTHS OR LESS [3] MORE THAN THREE MONTHS</p>
5.9	<p>If a job /business opportunity is available, could [NAME] start working within the next two weeks? <i>[If 1,2 3 in 5.1 or 1 in 5.6]</i></p> <p>[1] YES [2] NO GO TO 5.11</p>
5.10	<p>Why will [NAME] not able to take up the job/start a business in next two weeks? <i>[If 2 in 5.6]</i></p> <p>[1] IN STUDIES OR TRAINING [2] HOUSE OR FAMILY DUTIES [3] WAITING FOR RECALL FROM PREVIOUS JOB [5] WAITING FOR RESULT-ACADEMIC [6] WAITING FOR RESULT OF PREVIOUS SEARCH [7] ILLNESS OR INJURY OR DISABILITY [8] RETIRED OR PENSIONER OR OLD AGE [9] PLANNING TO GO ABROAD [96] OTHERS SPECIFY</p>
5.10a	<p><i>Specify the reason for not being able to take a job or start a business in next two weeks</i></p>

5.11	<p>What is the reason for [NAME] being unemployed? <i>[If 1, 2, 3 in 5.1 or 1 in 5.6]</i></p> <p>[1] RECENTLY COMPLETED STUDIES [2] QUALIFICATION MISMATCH [3] VOLUNTARILY RESIGNED FROM EARLIER JOB [4] TERM BASED JOB ENDED [5] TERMINATED FROM JOB [6] ILLNESS OR INJURY [7] PERSON WITH DISABILITY [8] LACK OF EXPERIENCE [9] LACK OF SKILLS [10] LACK OF ADEQUATE QUALIFICATION [96] OTHERS SPECIFY</p>
5.11a	<p><i>Specify the reason for being employed</i></p>

SECTION VI: PREVIOUS EMPLOYMENT HISTORY

Filter: All household members age 15 and over, who are unemployed	
6.1	<p>Did [NAME] work any time before? <i>[If 1,2,3 in 5.1 or 1 in 5.6]</i></p> <p>[1] YES</p> <p>[2] NO <i>[Go to next member]</i></p>
6.2	<p>What was [NAME]'s last occupation/designation? <i>(Specify the occupation) [If 1 in 6.1]</i></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto;"> <i>write occupation/designation</i> </div>
6.2a	Occupation code <i>(Refer Q 6.2 for occupation)</i>
6.3	<p>What is the name or main activity of the organization/industry that [NAME] worked in? <i>[If 1 in 6.1]</i></p> <div style="border: 1px solid black; padding: 5px; width: fit-content; margin-left: auto;"> <i>write name/main activity of industry</i> </div>
6.3a	Industry Code <i>(Refer Q 6.3 for the activity of the organization)</i>