Rwanda - Rwanda Labour Force survey 2019

National Institute of Statistics of Rwanda - Ministry of Finance and Economic Planning

Report generated on: January 11, 2021

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Overview

Identification

ID NUMBER
RWA-NISR-RLFS-2019-v0.1

Version

VERSION DESCRIPTION
Edited, anonymous dataset for public use

PRODUCTION DATE
2020-03-26

NOTES
This is the first version of the data description

Overview

ABSTRACT
The National Institute of Statistics of Rwanda (NISR) introduced the Labour Force Survey (LFS) program to avail statistics on employment and labour market in Rwanda on a continuous basis, providing bi-annual estimates of the main labour force aggregates. The main objective of the survey is to collect data on the size and characteristics of the labour force, employment, unemployment and other labour market characteristics of the population. The survey was also designed to measure different forms of work, in particular, own-use production work and other components of labour underutilization including time-related underemployment and potential labour force in line with the new international standards, adopted by the 19th International Conference of Labour Statisticians (ICLS) in 2013.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
Household and individual

Scope

NOTES
Labour statistics are used to describe and analyse the size and structure of labour markets and how these change over time and space, including differences between groups. They relate to persons and their economic activity, describing their characteristics and behaviours in and around the world of work.The Labour force survey 2019 covered the demographic characteristics of individuals in the sampled households namely sex,age, education, employment, unemployment and other labour market characteristics. It has also measured different forms of work, in particular, own-use production work and other components of labour underutilization. In addition, the survey measured housing characteristics.

KEYWORDS
Labour Force, Employment, Unemployment, Labour underutilization

Coverage

GEOGRAPHIC COVERAGE
Labour force survey data are at the National level coverage but Employment and Labour force participation rate are represented at District level as well as by residential area.

UNIVERSE
The target population eligible for Labor force survey is 16 years old and above resident of selected households. However, the survey also collected data on certain particular labour-market related issues such as income from employment, migrant workers and workers with disabilities. The survey consider all persons living in private households. It excludes the institutional population permanently residing in houses such as hostels; health resorts; correctional establishments etc., as well as persons living in seasonal dwellings not covered in the survey. It also excludes workers living at their work-sites.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Institute of Statistics of Rwanda	Ministry of Finance and Economic Planning

FUNDING

Name	Abbreviation	Role
Government of Rwanda	GoR	Funding

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
National Institute of Statistics of Rwanda	NISR	Ministry of Finance and Economic Planning	Documentation of the Study

DATE OF METADATA PRODUCTION
2020-03-26

DDI DOCUMENT VERSION
Version 0.1 Edited anonymized dataset for public use

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RWA-NISR-RLFS-2019-v0.1

Sampling

Sampling Procedure

Sample size determination in most household-based surveys with multi-stage stratified design is based on the principle of first calculating the required sample size for a single «domain» assuming a simple random sample design and no non-response. A domain is a well-defined population group for which estimates with pre-determined accuracy are sought. The results are then extended to allow for non-response and deviation from simple random sampling.
The sample design of the LFS is a two-stage stratified design according to which at the first stage of sampling, a stratified sample of enumeration areas from the latest population census is drawn with probabilities proportional to size measured in terms of the census number of households or census number of household members, and at the second stage of sampling, a fixed number of sample of households is selected with equal probability within each sample enumeration areas. Finally, all household members in the sample households are selected for survey interviewing.

Response Rate

The response rate for labor force survey 2019 is 98.6%

Weighting

Three steps were involved in the calculation of the sample weights: Calculation of the design weight, Adjustment for non-response; and Calibration to known population projections. The design weight of a given sample household is the inverse of the probability of selection of a sample household. This probability is calculated as the product of two probabilities

Questionnaires

Overview

The questionnaire of the Rwanda Labour Force Survey 2018 in its present form contains a total of 149 questions organized into 9 sections and a cover page, dealing with following topics:
A Household roster (All Household member)
B Education (Person with 14 years and above)
C Identification of employed, time-related underemployed, unemployed and potential labour force (Person with 14 years and above)
D Characteristics of main job/activity (Person with 14 years and above)
E Characteristics of secondary job/activity (Person with 14 years and above)
F Past employment (Person with 14 years and above)
G Own-use production of goods and services (Person with 14 years and above)
H Subsistence foodstuff production (Person with 14 years and above & Household)
I Housing and household assets (Household)
Not all questions are addressed to every household member. For children below 14 years of age, a minimum number of questions are asked. For older youngsters and adults 14 years of age and above, the number of questions depends on the situation and activities of the person during the reference period. The basic reference period is the last 7 days prior to the date of the interview. For certain questions, however, other reference periods are used. In each case, the relevant reference period is indicated in the text of the question.

Data Collection

Data Collection Dates

Start	End	Cycle
2019-02-01	2019-02-28	First Quarter
2019-05-01	2019-05-31	Second Quarter
2019-08-01	2019-08-30	Third Quarter
2019-12-01	2019-12-31	Fourth Quarter

Data Collection Mode

Computer Assisted Personal Interview [capi]

Data Collection Notes

The main pre-survey activities conducted in preparation for the field operations included the establishment of the field organization, the recruitment and training of interviewers and the preparation of Tablets. The field work consisted of 2 coordinators, coordinating the work of 12 supervisors, 24 team leaders and 96 interviewers. So altogether the survey interviewing was carried out by a total of 120 interviewers. Interviews were conducted in both English and Kinyarwanda depending on the respondents

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Data Collectors

Name	Abbreviation	Affiliation
National Institute of Statistics of Rwanda	NISR	Ministry of Finance and Economic Planning

Supervision

The field work consisted of 2 coordinators, coordinating the work of 12 supervisors, 24 team leaders and 96 interviewers. So altogether the survey interviewing was carried out by a total of 120 interviewers. To complement and verify these quality control measures, NISR and Ministry of Public Service and Labour conducted independent field visits to verify field teams'

implementation of the survey methodology and the interviewing process. Checks were also carried out to assess completeness and logical consistency of interview data.

Data Processing

Data Editing

Since August 2017 an electronic data collection system has replaced paper based questionnaire and data were collected using computerized assisted interview (CAPI). Data was uploaded to NISR severs from the field via wireless network channel by synchronizing every day with the NISR server. It was carried every day to have a daily back up of data. All the activity of codification were also done to the field by interviewers who were trained. Several questions with textual responses were pre-coded in tabled in cascaded way. These concerned education (major field of study in highest qualification attained, and subject of training), occupation and branch of economic activity (at main and secondary job and past employment experience). They were coded into the corresponding national standard classifications using on-screen coding with corresponding dictionaries in Kinyarwanda. Coding of geographic areas and addresses was incorporated in the data entry program as look-up. Following coding, responses of each questionnaire were edited for blanks, missing values, duplicates, out-of-range values, and inconsistencies such as no head of household or age of child greater than age of head of household using developed batches of controlling inconsistence in CsPro and Stata. Edit rules were developed for consistency checks on questions related to the measurement of the main labour force variables, including employment, unemployment, multiple jobholding, total hours usually worked at all jobs, total hours actually worked at all jobs, status in employment at main job, etc. Corrections were made mostly with reference to the original physical questionnaire

Other Processing

Responses of each questionnaire were pre-coded, edited for blanks, missing values, duplicates, out-of-range values, and inconsistencies such as no head of household or age of child greater than age of head of household using developed batches of controlling inconsistence in CsPro and Stata. Editing specifications on coverage and demographic characteristics were based on the population and housing census (PHC4 2012). Other edit rules were developed for consistency checks on questions related to the measurement of the main labour force variables, including employment, unemployment, multiple jobholding, total hours usually worked at all jobs, total hours actually worked at all jobs, status in employment at main job, etc. The detected errors were directly sent back to the field for the correction by the interview.

Data Appraisal

No content available

Documentation

Questionnaires

LFS Questionnaire

Title	LFS Questionnaire
Author(s)	National Institute of Statistics of Rwanda
Date	2019-02-01
Country	Rwanda
Language	English
Filename	RLFS QUESTIONNAIRE_ English.pdf

Reports

Report of Rwanda Labour Force Survey 2019

Title	Report of Rwanda Labour Force Survey 2019
Author(s)	National Institute of Statistics of Rwanda
Date	2019
Country	Rwanda
Language	English
Contributor(s)	Government of Rwanda
Publisher(s)	National Institute of Statistics of Rwanda (NISR) - Ministry of Finance and Economic Planning (MINECOFIN)
Filename	RLFS Annual Final report_2019 (1).pdf

Technical documents

Igitabo gikubiyemo amabwiriza agenga ibarura ry'abakora n'abashomeri mu rwanda (RLFS)

Title	Igitabo gikubiyemo amabwiriza agenga ibarura ry'abakora n'abashomeri mu rwanda (RLFS)
Author(s)	National Institute of Statistics of Rwanda
Date	2019-02-01
Country	Rwanda
Language	Kinyarwanda
Filename	Interviewer manual in Kinya_2019- final.pdf