

Rwanda - Population and Housing Census 2022

National Institute of Statistics of Rwanda

Report generated on: October 13, 2026

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Identification

SURVEY ID NUMBER

RWA_2022_PHC_v01_M_v01_A_ESS

TITLE

Population and Housing Census 2022

COUNTRY

Name	Country code
Rwanda	RWA

STUDY TYPE

Agricultural Census [ag/census]

SERIES INFORMATION

Rwanda conducted national agricultural surveys in 1984 and 2008, that covered the entire country and all the items of the agricultural census. The Population and Housing Census 2022 included an agricultural module, and it was the fifth population census and the second consecutive census in which an agricultural module was included.

ABSTRACT

The Population and Housing Census is necessary to systematically obtain and record demographic, economic and social data, at a specified time, of the country's population. The Population and Housing Census 2022 also collected agricultural-related data by including a specific module with 11 questions.

KIND OF DATA

Census/enumeration data [cen]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

The scope of the agricultural module covered agricultural activities (crops and livestock). Agricultural-related data were collected by including an agricultural module with 11 questions in the Population and Housing Census 2022.

KEYWORDS

Keyword
Structure of Agriculture
Land use
Crops
Livestock and Poultry
Labour in the Agricultural Sector

Coverage

GEOGRAPHIC COVERAGE

The Population and Housing Census 2022 covered the entire country.

UNIVERSE

The statistical unit was the agricultural household, defined as a household in which at least one person was engaged in crop farming or livestock rearing. The census was limited to collecting agricultural information from private households.

Agricultural activities carried out by the holdings in the non-household sector, such as cooperatives, factories/companies and institutions practicing agricultural activities, were not covered.

Producers and sponsors

PRIMARY INVESTIGATORS

Name
National Institute of Statistics of Rwanda

Sampling

SAMPLING PROCEDURE

For the Population and Housing Census 2022, the country was divided into 24 339 enumeration areas (EAs) within the current boundaries of administrative units, consisting of five provinces, 30 districts, 416 sectors, 2146 cells and 14 774 villages. EAs constituted the smallest operational census units to be assigned to each enumerator during the enumeration period. In each EA, complete enumeration of households, including those with agricultural activities, was carried out.

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2026-08-16	2026-08-30	Data collection for the agricultural module

DATA COLLECTION MODE

Computer Assisted Personal Interview [capi]

DATA COLLECTION NOTES

The census involved 6 national coordinators, 29 national field coordinators, 10 field analysts, 30 district team leaders, 60 data quality monitors, 1277 sector data quality monitors, 26 437 enumerators, 32 special groups supervisors, 289 special groups enumerators, 13 IT specialists, 11 cartographers, and 18 data analysts. Further, 19 staff participated in the post enumeration survey (PES).

All data collection was carried out face-to-face by an interview using CAPI method through cell phones.

QUALITY ASSURANCE

During data collection, enumeration was supervised by means of dashboards and field visits. A post-enumeration survey was conducted from 16 to 30 September 2022 to assess the census coverage and the quality of census data. A sample of 180 EAs was selected from all districts of the country. Census and PES records were matched using data science techniques with Python. Gross under-coverage was around 1.8 percent while gross over-coverage was around 0.2 percent. An independent quality review (available as an internal report to the National Institute of Statistics of Rwanda) was carried out, in parallel with the thematic analysis, which investigated the work done before, during, and after census enumeration to maximize the level of data quality.

Questionnaires

QUESTIONNAIRES

The agricultural module was part of the Private Household questionnaire (Section H) of the Population and Housing Census 2022.

The 11 agricultural-related questions contained in the questionnaire were:

1. Does your household have any big / small livestock, beehive or dog
2. What type of livestock do you have
3. How many (type of livestock) do you have now and in which district are they located?

4. During the last 12 months did any member of this household grow crops?
5. Where were the agricultural activities done?
6. What types of crops did you grow in last 12 months?
7. What type of vegetables did the household grow in last 12 months?
8. How many tea trees does your household have?
9. How many coffee trees does your household have?
10. Does your household have any fruit trees?
11. What type and how many (fruit trees) does your household grow?

The questionnaire with the agricultural module covered 7 out of 23 essential items recommended in the WCA 2020.

Data Processing

DATA EDITING

Direct data capture was ensured by the CAPI method, using CSPro software. The census data stabilisation, processing, and editing were completed within two months, after which census data tables for all thematic reports were generated. All data cleaning and tabulation steps were performed using STATA. Final results were subjected to an in-depth analysis across 18 generic themes in accordance with the analysis plan developed for each theme and United Nations Guidelines of the Population and Housing Census.

Access policy

CONTACTS

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ACCESS CONDITIONS

For additional information on data access and use, please contact the National Institute of Statistics of Rwanda.

E-mail: info@statistics.gov.rw

Website: <https://www.statistics.gov.rw/>

Metadata production

DDI DOCUMENT ID

DDI_RWA_2022_PHC_v01_M_v01_A_ESS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
National Institute of Statistics of Rwanda			Metadata producer
Statistics Division	ESS	Food and Agriculture Organization of the United Nations	Metadata adapted for FAM

Data Dictionary

Data file	Cases	Variables
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