

Viet Nam - Rural, Agricultural and Fisheries Census 2016

Ministry of Planning and Investment, General Statistics Office of Viet Nam

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Identification

SURVEY ID NUMBER

VNM_2016_RAFC_v01_M_v01_A_ESS

TITLE

Rural, Agricultural and Fisheries Census 2016

TRANSLATED TITLE

Tổng điều tra nông thôn, nông nghiệp và thủy sản 2016

COUNTRY

Name	Country code
Viet Nam	VNM

STUDY TYPE

Agricultural Census [ag/census]

SERIES INFORMATION

The first Rural, Agricultural and Fisheries Census in Viet Nam was conducted in 1994, followed by those conducted in 2001, 2006, 2011. The Rural, Agricultural and Fisheries Census 2016 was the fifth agricultural census carried out in the country.

ABSTRACT

The Rural, Agricultural and Fisheries Census 2016 is a large-scale operation whose primary objective is to collect basic information on farmers, agriculture, and rural areas to support the assessment of the current situation and the formulation of plans, policies, and strategies for the country's socioeconomic development. The information collected focuses on the following key areas: data assessing the current socio-economic status of rural areas; the status of agricultural, forestry, and aquaculture production; and the results of implementing certain targets of the National Programs on the industrialization and modernization of agriculture and rural areas, and the construction of new rural areas.

KIND OF DATA

Census/enumeration data [cen]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

The census scope covered agricultural production activities (crop and livestock production), forestry and fisheries activities.

A community survey was conducted along with the census. The data was collected on the basic situation and infrastructure of communes (for all people's committees of communes).

Form 01 (household questionnaire) collected information on:

1. Household members and demographic characteristics
2. Labour force, main income source and major household economic activities
3. Household income and household type
4. Agricultural land, forestry land, aquaculture water area and sea salt production land
5. Crop cultivation, livestock and fisheries
6. Household equipment and machinery
7. Living environment and household facilities

Form 02 (farm questionnaire) collected information on:

1. General information on the farm
2. Farmland area in use
3. Equipment and machinery for farm production and business
4. Farm use of information technology

5. Farm production results
6. Cultivation
7. Livestock
8. Forestry
9. Fishery
10. Additional information on farm production activities

Form 03 (community questionnaire) collected information on:

1. Basic information
2. Electricity and rural roads
3. Kindergartens and schools
4. Post offices, cultural facilities, libraries and telecommunications access
5. Health care, drinking water and environment
6. Irrigation, agricultural extension, forestry extension, fishery extension and veterinary services
7. Markets, banks, credit agencies and processing facilities
8. Social policy implementation
9. Collective economy and craft villages
10. Working conditions and qualifications of commune officers

Form 04 (sample households questionnaire) collected information on:

1. Household and usual resident population
2. Labour force, income and main economic activities of the household
3. Household income and household type
4. Agricultural land, forestry land, aquaculture water area and land for salt production
5. Crop production, livestock and fisheries
6. Cultivation
7. Livestock
8. Fisheries
9. Salt production
10. Major household machinery and equipment
11. Living conditions and household assets
12. Supporting activities for agriculture, forestry and fisheries
13. Support information for agriculture, forestry and fisheries activities
14. Credit and borrowing
15. Input markets for agriculture, forestry and fisheries
16. Output markets for agriculture, forestry and fisheries products
17. Household consumption of selected products
18. Other household information

KEYWORDS

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

Coverage

GEOGRAPHIC COVERAGE

The Rural, Agricultural and Fisheries Census 2016 covered the whole country.

UNIVERSE

The following statistical units were covered in the census:

- Households in rural areas
- Households in urban areas engaged in agricultural, forestry and fisheries activities
- Agricultural, forestry and fishery farms above an established threshold
- Communes

All households in rural areas and households engaged in agriculture, forestry and fisheries activities in urban areas were covered by the census. Whereas minimum size thresholds were applied for agricultural, forestry and fishery farms.

Census results also included information on agricultural, forestry and fisheries enterprises and cooperatives. Enterprise is defined as an economic unit that performs independent economic accounting, has its own legal person status, and is established under the Enterprise Law, the Foreign Direct Investment Law or under the Agreement signed between the Government of Viet Nam and foreign government. These data were collected using the Enterprises Survey 2016, conducted by the General Statistics Office.

The thresholds to identify as a crop farm and aquaculture farms were:

- 3.1 ha for the South East and Mekong River Delta
- 2.1 ha for the rest of provinces
- Output value of goods reached 700 million Vietnamese Dong (VND) in 2010 (approximately USD 35 000)

The threshold to identify as a livestock farms was:

- Output of goods of one billion VND in 2010 (approximately USD 50 000)

The threshold to identify as a forestry farms was:

- Minimum area of 31 ha and the average output value of goods of 500 million VND/year (approximately USD 25 000)

Producers and sponsors

PRIMARY INVESTIGATORS

Name
Ministry of Planning and Investment, General Statistics Office of Viet Nam (Cục Thống kê Việt Nam)

PRODUCERS

Name	Role
Ministry of Agriculture and Rural Development	Support

Sampling

SAMPLING PROCEDURE

A combination of complete and sample enumeration was used for the census.

The holdings that were completely enumerated were: rural households; agricultural, forestry and fisheries households in urban areas; farms; and People's committees of communes (using Forms 01-03 as specified below in the subsection "Questionnaires").

Sample enumeration was used to collect additional, in-depth information on household economics from rural households (using Form 04).

The frame for the sample component of the census was built using the master sampling frame provided by the Population Inter-Census in 2014.

Two stage-systematic sampling was used for the sample selection. At the first stage, enumeration areas (EAs) were selected with probability proportional to size (PPS) sampling (the number of rural households was used as a measure of size). At the second stage, 30 households were systematically selected in each of the sampled EAs. A sample of 75 000 households in rural areas (0.5 percent of rural households) was selected from 2500 EAs in 63 provinces.

Data collection

DATES OF DATA COLLECTION

Start	End	Cycle
2016-07-01	2016-07-20	Data collection for holdings covered by complete enumeration
2016-07-01	2016-07-31	Data collection for holdings covered by sample enumeration

DATA COLLECTION MODE

Pen and Paper Interview [papi]

DATA COLLECTION NOTES

Census operations employed over 180 000 enumerators, coordinators (team leaders) and supervisors at all levels.

Short and long form questionnaires were used for data collection. The short questionnaire was used for all households in rural areas; households engaged in agriculture, forestry and fisheries production in urban areas; and all farms and all people's committees of communes. The long questionnaire was used for collecting in-depth information from rural households.

QUALITY ASSURANCE

The General Statistics Office carried out a post-enumeration survey (PES) from 1 to 15 August 2016 to evaluate the census coverage and content. The PES was conducted in 17 out of 63 provinces and a sample of 1700 households (170 EAs, 10 sample households per EA) was selected to collect data on some of the main indicators such as number of household members, number of household members at the age of more than 15 years, sown area of temporary crop, sown area of perineal crop, number of cows, number of buffaloes, number of pigs and number of chickens. The PES data was compared with the census data, and the difference in the results was between 2 to 6 percent. The results were not used to adjust the census data.

Questionnaires

QUESTIONNAIRES

Nine questionnaires were used for data collection:

1. Form 01/TĐTNN-HO: collected basic information on households (administered to all rural households and the agricultural, forestry, fishery households in urban area);
2. Form 02/TĐTNN-TT: collected information on farms (administered to all farms);
3. Form 03/TĐTNN-XA: collected information on basic situation and infrastructure of communes (administered to all people's committees of communes);
4. Form 04/TĐTNN-HM: collected information on rural household economics (administered to sample households in rural area);
5. Form 05 TĐTNN-HTT: collected information on labour and living conditions of workers at concentration housings in rural areas (administered to management unit of housing for workers in rural areas in 63 provinces and centrally controlled cities);
6. Form 06/TĐTNN-NTM: collected information on results of implementing of national targets on building new-style rural areas (administered to coordination offices of the National Target Program of New-style Rural Areas Building in 63 provinces and centrally controlled cities);
7. Form 07/TĐTNN-CĐL: collected information on large-scale rice fields (filled by the Department of Agriculture and Rural Development);
8. Form 08/TĐTNN-VietGAP: collected information on products which have VietGAP certification and equivalent (filled by the VietGAP certification organizations and equivalent)
9. Form 09/TĐTNN-BQP: collected information on results of agricultural, forestry and fishery production activities (filled by the Ministry of National Defence)

The Rural, Agricultural and Fisheries Census 2016 covered 19 out of the 23 essential items recommended in the WCA 2020.

Data Processing

DATA EDITING

Scanning was used for one of the questionnaires (Form 01/TĐTNN-HO). Manual data entry was used for the remaining questionnaire forms. The General Statistics Office developed a statistical software to store a database and to obtain tabulations. Most of the statistical indicators were generated using the SPSS and Stata software to extract the data from the census database.

Access policy

CONTACTS

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ACCESS CONDITIONS

For additional information on data access and use, please contact the General Statistics Office of Viet Nam.

Email: nonglamthuysan@gso.gov.vn

Website: www.gso.gov.vn

Metadata production

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PRODUCERS

Name	Abbreviation	Affiliation	Role
General Statistics Office of Viet Nam (Cục Thống kê Việt Nam)		Ministry of Planning and Investment	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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