

Ecuador - National Agricultural Census 2000

National Institute of Statistics and Census

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Identification

SURVEY ID NUMBER

ECU_2000_CNA_v01_EN_M_v01_A_OCS

TITLE

National Agricultural Census 2000

COUNTRY

Name	Country code
Ecuador	ECU

STUDY TYPE

Agricultural Census [ag/census]

SERIES INFORMATION

This is the 3rd National Agricultural census carried out in Ecuador. The first was conducted in 1954 and the second in 1974.

ABSTRACT

Ecuador has made efforts over the last 40 years to compile statistical information on the agricultural sector. The First National Agricultural Census by Sampling was conducted in 1954, followed by a National Agricultural Survey in 1968 and the Second National Agricultural Census of 1974 which was full enumeration.

The 3rd national agricultural census was carried out in 2000, in order to update structural information about the agricultural sector, and serve as a basis to re-establish a permanent information system. The census provided national and provincial level results.

More specifically, it had the following objectives:

1. Generate structural information on the agricultural sector.
2. Provide sufficient information for the re-establishment of a national system of agricultural statistics, which permanently measures the dynamics of the sector.
3. Strengthen institutional capacities, particularly of National Institute of Statistics and Census (INEC) and Ministry of Agriculture and Livestock (MAG) to conduct agricultural surveys by sampling.

KIND OF DATA

Census/enumeration data [cen]

UNIT OF ANALYSIS

Agricultural holdings

Scope

NOTES

1. General Characteristics
2. Area of Agricultural Production Units
3. Land use and irrigation
4. Permanent crops
5. Temporary crops
6. Cultivated pastures
7. Floriculture
8. Cattle
9. Pig cattle
10. Sheep
11. Other livestock species
12. Poultry
13. Shrimps
14. Population and Labour
15. Machinery and facilities equipment

16. Availability of Infrastructure and other economic aspects of organization

Coverage

GEOGRAPHIC COVERAGE

National Coverage

UNIVERSE

Population of households residing in the agricultural holding

Producers and sponsors

PRIMARY INVESTIGATORS

Name	Affiliation
National Institute of Statistics and Census	Government of Ecuador

PRODUCERS

Name	Affiliation	Role
Ministry of Agriculture and Livestock	Government of Ecuador	
Service Project Information and Agricultural Census		Technical Assistance
National Service of Agricultural Statistics	United States Department of Agriculture (USDA)	Technical Assistance

FUNDING AGENCY/SPONSOR

Name	Abbreviation	Role
The World Bank	WB	Funding

Sampling

SAMPLING PROCEDURE

The National Agricultural Census (CNA) 2000 made use of a multiple sampling frame. It combined the use of two sample frames. The first frame was a list frame, the second was an Area Frame (SAF). This method is completely objective and efficient to achieve high accuracy of data and results, minimizes the cost, and allows estimations, and confidence intervals around the true population parameter.

The sample of areas of the CNA 2000 constituted the entire national territory, except the Galapagos Province.

The stratified sampling design was used considering the canton as a domain minimum of study, with optimal fixation. Sample selection was carried out in two stages. In the first stage, there was a random and systematic selection of Primary Sampling Units (PSUs), with Probability Proportional to Size (PPS). In the second stage, random selection was done, with probabilities equal to the Sampling Segments (SSs) into which the units of the first stage were divided.

Initial feasibility approaches regarding the national sample size promoted the use of approximately 10,000 SSs, assuming that this size allows for estimating results per canton. With the sample size established a priori, its affixation or distribution between provinces, cantons and strata, made use of area information from planted crops like rice, banana, coffee, corn (of all varieties), African palm, potatoes and pastures; in addition to the total arable land planted. This information was taken from the National Survey of Area and Production, carried out by the statistical body in 1995.

WEIGHTING

Since the census was conducted by sampling, weighting was used. The variable (FACTORUPA) is the weighting factor and is applicable to all quantitative variables in the dataset table; excluding the descriptive ones.

Data Collection

DATES OF DATA COLLECTION

Start
2000

DATA COLLECTION MODE

Face-to-face paper [f2f]

Access policy

CONTACTS

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CONFIDENTIALITY

Please see the microdata dissemination policy of the Instituto Nacional de Estadística y Censos (INEC).

ACCESS CONDITIONS

Please see the microdata dissemination policy of the Instituto Nacional de Estadística y Censos (INEC).

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Metadata production

DDI DOCUMENT ID

DDI_ECU_2000_CNA_v01_EN_M_v01_A_OCS_FAO

PRODUCERS

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Metadata Producer

DDI DOCUMENT VERSION

ECU_2000_CNA_v01_EN_M_v01_A_OCS_v01

Data Description

Data file	Cases	Variables
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