Ecuador - Annual Agricultural Area and Production Survey 2018

National Institute of Statistics and Censuses

Report generated on: October 31, 2019

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Overview

Identification

ID NUMBER
ECU_2018_ESPAC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT
The National Institute of Statistics and Censuses (INEC), through the National Agricultural Statistics System (SEAN), implemented a national Survey of Area and Agricultural Production (SAAP) that was developed from 1982 to 1995. In the year 2000, the 3rd National Agricultural Census (NAC) was carried out which followed a sampling census design. Since 2002, the INEC has been planning, preparing and executing a Annual Agricultural Area and Production Survey (ESPAC) applied to a sub-sample of the 3rd NAC, restoring permanently the National Agricultural Statistical System.

The ESPAC 2018 was carried out to produce statistical information on the agricultural sector, which allows for the execution and evaluation of programs and projects implemented by the state in benefit of the population.

The objective of the survey is to provide information on the agricultural sector for developing policies. More specifically, the ESPAC generates continuous, reliable and timely information on planted areas and/ or sown, harvested, production and sales of permanent crops and temporary, existence and movement of cattle, pigs, sheep, other species, existence and movement of field birds, poultry farms and employment.

KIND OF DATA
Sample survey data [ssd]

UNITS OF ANALYSIS
Agricultural holdings

Scope

NOTES
Land use;

Area planted or sown, harvested (alone and associated), production and sales of agricultural products;

Cattle and meat production;

Milk production and destination;

Headcount of pigs and sheep;

Sales of pigs and sheep;

Head count of other ruminants;

Existence of field birds and poultry farms;

Sales and self-consumption of field birds and poultry farms;

Production, self-consumption, sales and others concerning chicken eggs;

Employment in the agricultural sector

KEYWORDS
Agriculture, Forestry, Fishing, Agricultural Production

Coverage

GEOGRAPHIC COVERAGE
National coverage

UNIVERSE
All agricultural land that has an area with agricultural production in the Ecuadorian continental territory.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
National Institute of Statistics and Censuses	Government of Ecuador

Metadata Production

METADATA PRODUCED BY

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

DDI DOCUMENT VERSION
ECU_2018_ESPAC_v01_EN_M_v01_A_OCS_v01

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Sampling

Sampling Procedure

The Annual Agricultural Area and Production Survey (ESPAC) 2018 uses the multi-frame sampling methodology, which consists of a combination of Sample Area Frame (MMA) and a Sample List Frame (MML). This statistical method is done in order to select units of research from both the SAF and the SLF.

The MML is a directory prepared by the statistical body which contains the main farms dedicated to a particular crop which are investigated in order to improve the quality of estimates. The MMA covers the entire land area, and is stratified by agricultural intensity, then divided into Sampling Segments (SSs), whose area vary according to stratum.

The universe for the MMA consists 357,062 segments, out of which 5,683 segments were sampled. The list frame consisted of 3,769 units of observation, and was fully enumerated..

Questionnaires

No content available

Data Collection

Data Collection Dates

Start	End	Cycle
2018-09-15	2018-11-15	N/A

Data Collection Mode

Face-to-face paper [f2f]

Data Processing

No content available

Data Appraisal

No content available