

Iceland - Agricultural Census, 2010

Statistics Iceland (SI)

Report generated on: January 20, 2021

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Overview

Identification

ID NUMBER

ISL_2010_AC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

In compliance with Regulation (EC) 1166/20081 , Statistics Iceland conducted the Farm Structure Survey (including the Survey on Agricultural Production Methods and Other Gainful Activities), covering all national holdings, in 2010. The action is defined as the beginning of a regular collection of agricultural data with the use of this survey. This action has not been administered previously by the national statistical institute.

A range of administrative data sources was used for the action, however, the situation in Iceland is characterised by some shortcoming in this area. The lack of a business and a farm register, as well as the lack of any other complete data source with an overview of holdings, proved to be a complication. Administrative data sources that were utilized, such as tax registers, have units identified through individual identity numbers. In cases where more than one person from the same holding are registered that holding has multiple entries. Linkages between individuals, to establish complete holdings, had to be made after the data collection of the survey, as a part of a data clean-up phase. Time restrictions and lack of resources made it impossible for this work to be done at an earlier stage.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

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

TOPICS

Topic	Vocabulary	URI
Agriculture & Rural Development	FAO	
Livestock	FAO	

Coverage

GEOGRAPHIC COVERAGE

National coverage

UNIVERSE

The statistical unit is the agricultural holding, defined as a single unit, both technically and economically, which has a single management and which undertakes agricultural activities listed further on within the economic territory of the EU, as either its primary or secondary activity: these activities include the growing of non-perennial crops, the growing of perennial crops, plant propagation, animal production, mixed farming, support activities to agriculture, and post-harvest crop activities.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Statistics Iceland (SI)	

OTHER PRODUCER(S)

Name	Affiliation	Role
the Icelandic Food and Veterinary Institute		Technical assistance
Icelandic Farmers Association Agriculture-Economy-Service		Technical assistance

Metadata Production

METADATA PRODUCED BY

Name	Abbreviation	Affiliation	Role
Office of Chief Statistician	OCS	Food and Agriculture Organization	Adoption of metadata for FAM
Census team, Statistics Division	ESS	Food and Agriculture Organization	Metadata producer

DDI DOCUMENT VERSION

ISL_2010_AC_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_ISL_2010_AC_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

a. Frame

Iceland does not have a farm register, nor any other complete data source with an overview of holdings. The census frame was built using Agricultural Tax Returns, VAT Returns and Annual Livestock Surveillance Reports. The initial census listing consisted of 3 241 individuals, and was later revised to 2 699 holdings.

b. Complete and/or sample enumeration methods

The AC was conducted using complete enumeration

Questionnaires

Overview

The census questionnaire was available in three formats, for PAPI, CAWI and CATI data collection. Fourteen of the total 16 core items recommended in the WCA 2010 were covered by the census

Data Collection

Data Collection Dates

Start	End	Cycle
2011-01-17	2011-06-01	N/A

Data Collection Mode

Mail Questionnaire [mail]

Data Collection Notes

Data were collected using a mixed mode strategy (CAWI, mail-out/mail-back, CATI). First, a pre-notification letter was sent to all agricultural holders informing them that an invitation to a web survey would be sent in a few days. In the invitation letter, respondents were provided with a web address for the web questionnaire, as well as a login name and a password. For the units that did not respond through the Internet, a paper questionnaire was sent, along with a prepaid return envelope. This was done approximately two weeks after the original invitation to the web questionnaire. Some holding characteristics were collected directly from the administrative data sources

Questionnaires

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Data Processing

Data Editing

a. DATA PROCESSING AND ARCHIVING

Three employees of Statistics Iceland entered manually the answers from the paper questionnaires to a database. Finally, for those who answered neither the web questionnaire nor the paper questionnaire, CATI was applied. Blaise survey software was used to create the data files for the data collected through CAWI and CAM R software was used for data handling. Identification numbers, which were present both for holders and legal units, were used to link data from different data sources. Home addresses and land codes were used to link holders, as holdings in Iceland can have multiple holders.

b. CENSUS DATA QUALITY

Completion and correction methods were applied in cases of missing values and implausible values. No follow-up interviews were conducted. Administrative data were used for the missing values, as well as for the validation of the AC results, where the information was available.

Data Appraisal

Other forms of Data Appraisal

Preliminary results were published in tables, in October 2012, on the Statistics Iceland website, as well as in a specific publication. The Statistical Series issue on agriculture, published for the first time, also includes the census results and is accessible online.