

Denmark - Agricultural Census, 2010

Statistics Denmark's Division of Agriculture (SDDA)

Report generated on: January 20, 2021

Visit our data catalog at: <https://microdata.fao.org/index.php>

Overview

Identification

ID NUMBER

DNK_2010_AC_v01_EN_M_v01_A_OCS

Overview

ABSTRACT

In its present form the agricultural and horticultural survey goes back to 1977 where the separate surveys for agriculture and horticulture were integrated in one survey. Since then the survey has taken place every year as a questionnaire based survey where the farmer has received a questionnaire in a letter with an obligation to complete it. The questionnaire has varied year after year, partly to meet EU requirements, and partly to meet national needs. The questionnaire has thereby never been completely identical two successive years. Furthermore the survey has changed between total censuses and sample surveys:

The following surveys have been total censuses: 1977-83, 1985, 1987, 1989, 1999 and 2010.

The following surveys have been sample surveys: 1984, 1986, 1988, 1990-98, 2000-09 and 2011-12.

The next total census will presumably be held in 2019 or 2020.

KIND OF DATA

Census/enumeration data [cen]

UNITS OF ANALYSIS

Households

Scope

NOTES

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

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 in Annex I to the European Parliament and Council Regulation (EC) No. 1166/2008 within the economic territory of the EU, either as its primary or secondary activity.

Producers and Sponsors

PRIMARY INVESTIGATOR(S)

Name	Affiliation
Statistics Denmark's Division of Agriculture (SDDA)	

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

DNK_2010_AC_v01_EN_M_v01_A_OCS_v01

DDI DOCUMENT ID

DDI_DNK_2010_AC_v01_EN_M_v01_A_OCS_FAO

Sampling

Sampling Procedure

a. Methodological modality for conducting the census

The classical approach was used in the AC 2010. Administrative registers were also used as a source of census items.

b. Frame

The frame for the AC 2010 and the SAPM 2011 was Statistics Denmark's Business Register, with all units marked as "active in agriculture" and that met the minimum requirements of the holding.

c. Complete and/or sample enumeration method(s)

The AC was a complete enumeration of all agricultural holdings.

Questionnaires

Overview

One questionnaire was used for AC data collection and one for the SAPM. Both paper-based and electronic questionnaires were used for data collection. The census covered all 16 core items recommended in the WCA 2010:

- 0001 Identification and location of agricultural holding
- 0002+ Legal status of agricultural holder
- 0003 Sex of agricultural holder
- 0004 Age of agricultural holder
- 0005 Household size
- 0006 Main purpose of production of the holding
- 0007 Area of holding according to land use types
- 0008 Total area of holding
- 0009 Land tenure types on the holding
- 0010 Presence of irrigation on the holding
- 0011 Types of temporary crops on the holding
- 0012 Types of permanent crops on the holding and whether in compact plantation
- 0013 Number of animals on the holding for each livestock type
- 0014 Presence of aquaculture on the holding
- 0015+ Presence of forest and other wooded land on the holding
- 0016 Other economic production activities of the holding's enterprise

Data Collection

Data Collection Dates

Start	End	Cycle
2010-07	2011-03	N/A

Data Collection Mode

Face-to-face [f2f]

Data Collection Notes

For the AC and SAPM field data collection, different methods were applied: (i) personalized postal questionnaires (mail-out/mail-back method); (ii) Internet-based questionnaires (CAWI method); and (iii) Computer-assisted Telephone Interviewing (CATI). The administrative data were extensively used as a source of census items for the AC 2010.

Questionnaires

One questionnaire was used for AC data collection and one for the SAPM. Both paper-based and electronic questionnaires were used for data collection. The census covered all 16 core items recommended in the WCA 2010:

- 0001 Identification and location of agricultural holding
- 0002+ Legal status of agricultural holder
- 0003 Sex of agricultural holder
- 0004 Age of agricultural holder
- 0005 Household size
- 0006 Main purpose of production of the holding
- 0007 Area of holding according to land use types
- 0008 Total area of holding
- 0009 Land tenure types on the holding
- 0010 Presence of irrigation on the holding
- 0011 Types of temporary crops on the holding
- 0012 Types of permanent crops on the holding and whether in compact plantation
- 0013 Number of animals on the holding for each livestock type
- 0014 Presence of aquaculture on the holding
- 0015+ Presence of forest and other wooded land on the holding
- 0016 Other economic production activities of the holding's enterprise

Data Processing

Data Editing

a. DATA PROCESSING AND ARCHIVING

The majority of paper questionnaires received from the respondents by post were scanned (77 percent); the data from other paper questionnaires (23 percent) were keypunched. Data from the IACS were transferred directly into the statistical database. The questionnaires were registered and also edited in an Oracle database; there were approximately 150 validation rules. All individual information was checked both manually and by means of computer-based validation routines. The imputation was performed using SAS and SQL programming.

b. CENSUS DATA QUALITY

Completion/correction methods were applied, such as follow-up interviews (approximately 5 percent of the farms were contacted once by telephone if important information was missing on the questionnaire). All staff that worked on the AC and SAPM had the authority to correct survey information (for instance after contacting a farmer); however, the imputations, where necessary, were performed only by the survey leader.

Data Appraisal

Other forms of Data Appraisal

The AC 2010 results (including the detailed regional data) were published in May 2011. A database with FSS and SAPM 2010 data is available on the CBS website. The AC 2010 results were published in the Statistical Ten-Year Review 2011 (in August 2011), the Agricultural Statistical Yearbook 2010 (in November 2011) and the Statistical Yearbook 2012 (in April 2012).