

# Other Entrepreneurship in agriculture and horticulture

Quality Report

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### 1 Contact

#### 1.1 Contact organisation

Natural Resources Institute Finland

#### 1.2 Contact organisation unit

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#### 1.3 Contact name

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### 2 Metadata update

#### 2.1 Metadata last certified

3.6.2022

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### 2.2 Metadata last posted

3.6.2022

### 2.3 Metadata last update

3.6.2022

## 3 Statistical presentation

### 3.1 Data description

The statistics describe the other entrepreneurship of agricultural and horticultural enterprises and are comparable with statistics on other entrepreneurship of agricultural and horticultural enterprises in other EEA countries.

### 3.2 Classification system

The area classification of the preliminary statistics is the whole of Finland. Final information is published by region and by legal form and production sectors of agricultural and horticultural enterprises.

### 3.3 Sector coverage

Data on other entrepreneurship of agricultural and horticultural enterprises is collected in the Farm Structure Survey every 3–4 years. The Farm Structure Survey of 2020 was a census study (agricultural census) for all agricultural and horticultural enterprises in Finland but data on other entrepreneurship of agricultural and horticultural enterprises was collected only from 27% of farms.

### 3.4 Statistical concepts and definitions

**A farming syndicate** is a type of ownership of an agricultural or horticultural enterprise, in which a group of natural persons owns, leases or otherwise runs a farm together or their own farms as if they were a single farm. Employees of farming syndicates include all farm shareholders participating in agricultural work, their family members of at least 15 years of age, and full-time and short-term employees outside the family hired for agricultural work, including farm relief workers, contractors and similar.

**Agricultural and horticultural enterprises** are farms practising agricultural or horticultural production, with a financial size of over 2000 EUR, using the Standard Output Method. This definition was adopted when calculating results from 2013.

Before 2013, a farm needed to have at least one hectare of farmland in use or domestic animals at least by one domestic animal unit. Before 2000, an active farm needed to have at least one hectare of farmland or garden under control and be engaged in agricultural production or other entrepreneurship.

**Diversified agricultural and horticultural enterprises** are farms that in addition to agriculture and horticulture have other entrepreneurship.

**Other entrepreneurship** include all financially significant regular activities for secondary income. Other entrepreneurship is related to the function of the agricultural or horticultural enterprise, and financially affect the operation of the farm.

**The production line** is determined in accordance with the agricultural or horticultural enterprise's most economically significant product. This data is calculated using the SO method. If more than two thirds of a farm's total output come from a single product, the farm is included in the production line category corresponding with this product. If no such product exists, the farm's production line is mixed production. The SO method was first used in the 2013 results. Prior to this, the farmers indicated their farm's production line in conjunction with subsidy applications.

### 3.5 Statistical unit

The statistical unit is an agricultural or horticultural enterprise.

### 3.6 Statistical population

The statistical population contains all active agricultural and horticultural enterprises with production. Active agricultural or horticultural enterprises are farms or enterprises with a financial size of over EUR 2000. The financial size is calculated by using the Standard Output method. This definition was adopted when calculating results from 2013.

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### 3.7 Reference area

Preliminary information is published for the whole of Finland. Final information is published additionally by ELY Centres and production sectors.

### 3.8 Time coverage

Data on other entrepreneurship of agricultural and horticultural enterprises has been collected in 2020, 2016, 2013, 2010, 2007, 2005, 2003, 2000, 1997, and 1995.

### 3.9 Base period

The statistics are not an index.

## 4 Unit of measure

The quantity of diversified agricultural and horticultural enterprises is given in numbers and as a proportion relative to all farms.

The number of persons taking part in other entrepreneurship is given in numbers.

The amount of work in other entrepreneurship is given in annual working units.

## 5 Reference period

The statistics describe the state of other entrepreneurship of agricultural and horticultural enterprises in 2020.

## 6 Institutional mandate

The duties of the Natural Resources Institute Finland have been defined in the Act on the Natural Resources Institute Finland (561/2014) and the Act on the Food and Natural Resources Statistics (562/2014). The Act on the Food and Natural Resources Statistics defines the duties of the Natural Resources Institute Finland to be compiling and publishing statistics regarding:

1) the structure, production methods, and input in production of agriculture; the production of crops, horticulture, and livestock; the environmental effects of production, and the prices of agricultural products,



- 2) commercial utilisation of forests, activity of the wood market, conservation and maintenance of forests,
- 3) fishing, aquaculture, fisheries, the market of fisheries, and
- 4) the safety of food products.

The act gives the Natural Resources Institute Finland extensive permissions to collect information on agriculture, horticulture, aquaculture, processing and trade of agricultural and aquacultural products, forestry, and the processing and trade of wood.

The Statistics Act (The Statistics Act 280/2004, 361/2013) legislates on, including but not limited to, data collection, data processing, and duty of disclosure. In addition to the Statistics Act, the Personal Data Act and the Act on the Openness of Government Activities are applied when processing data for compiling statistics.

The main document guiding our actions is the perennial European statistical programme, approved by the European Parliament and the Council of Europe, based on which the commission produces an annual work programme. The statistics included in the European Statistical Programme are prescribed in the Council Regulation 322/97.

The Statistical Office of the European Union, Eurostat, and the statistical offices of EU countries must apply the EU's Statistics Act when compiling statistics following the work programme. As a supranational regulation, it surpasses the national Statistics Act but in practice there are no contradictions between the Statistics Acts of the EU and Finland.

## 6.1 Legal acts and other agreements

The statistics are compiled based on the Act on the Natural Resources Institute Finland (561/2014), the Act on Food and Natural Resource Statistics (562/2014), the Statistics Act (280/2004), and the Regulation of the European Parliament and the Council of the European Union concerning crop statistics (1166/2008).

## 6.2 Data sharing

Statistics on other entrepreneurship of agricultural and horticultural enterprises are published on the Natural Resources Institute Finland website every 3 to 4 years. A webpage, announcements, news, and blogs regarding the statistics can be found on the website of the Natural Resources Institute Finland. Tables relating to the statistics are available on the statistics database of the Natural Resources Institute Finland.

## 7 Confidentiality

### 7.1 Confidentiality - policy

Confidentiality is a base principle of statistics and assures the confidential processing of data provided by informants, and the Natural Resources Institute Finland has undertaken to follow this principle. Micro-data is confidential and must never be released for administrative decision-making, investigation, surveillance, legal proceedings, or similar purposes.

### 7.2 Confidentiality - data treatment

The confidentiality of data collected for statistical purposes is guaranteed according to the Statistics Act (280/2004), the Personal Data Act (523/1999), the Act on the Openness of Government Activities (621/1999), and the EU General Data Protection Regulation (2016/679). Data is protected at all stages of processing using the necessary physical and technological solutions. The staff only has access to information necessary for their duties. Unauthorised people do not have access to spaces in which micro-data is processed. Staff members have signed a non-disclosure agreement when entering duty. Intentional breach of confidentiality will be penalised.

## 8 Release policy

The disseminations of the Natural Resources Institute Finland are published online on weekdays at 9:00. Data is public after it has been published on the website.

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### 8.1 Release calendar

The publication dates are confirmed in autumn together with the action plans. The release calendar of the following year is published for users in the end of the year. The release calendar holds data on the dates of future publications. The publication dates are published in the calendar at first with an accuracy of one week, and two months prior to the publication date with an accuracy of a day. The calendar also contains direct links to already published statistical publication.

### 8.2 Release calendar access

[Statistical releases calendar | Natural Resources Institute Finland](#)

## 9 Frequency of disseminations

The Farm Structure Survey is conducted every 3 to 4 years. Data on other entrepreneurship of agricultural and horticultural enterprises is collected each time.

## 10 Dissemination format

### 10.1 News release

The statistics on other entrepreneurship of agricultural and horticultural enterprises are published every 3 to 4 years.

### 10.2 Publications

The statistical office of the European Union, Eurostat, and the Food and Agriculture Organization of the United Nations, FAO, publish data from the statistics on their websites.

### 10.3 On-line database

[PxWeb - Other entrepreneurship in agriculture and horticulture](#)

### 10.4 Other

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### 10.5 Documentation of methodology

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### 10.6 Quality documentation

-

## 11 Quality management

### 11.1 Quality assurance

The Natural Resources Institute Finland follows the Code of Practice and the Quality Assurance Framework of European statistics when compiling statistics. The Code of Practice concern the independence and accountability of statistics authorities, and the quality of processes and published data. The principles are compatible with and supplement the Principles of Official Statistics, agreed upon by the United Nations Statistical Commission. The quality criteria of official statistics in Finland are also compatible with the Code of Practice of European statistics. The principles are also compatible with the European Foundation for Quality Management.

The annual quality assurance of statistics performed by Statistics Finland includes statistics produced by the Natural Resources Institute Finland.

### 11.2 Quality assessment

The quality is assessed in the data processing stage.

## 12 Relevance

### 12.1 User needs

-

### 12.2 User satisfaction

Feedback is collected from the users of the statistics, especially when revising the statistics. Feedback is also received directly. In addition, we investigated the wishes of users for developing the statistics in the autumn of 2021 and beginning of 2022, when updating the work programme for the Natural Resources Institute Finland. We follow the received feedback and take it into consideration in developing the statistics.

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### 12.3 Completeness

-

## 13 Accuracy and reliability

### 13.1 Overall accuracy and reliability

The response rate of the Farm Structure Survey (agricultural census) was 88%. The response rate of the so-called extensive survey, used as the subsample of the agricultural census, was 87%. The data is very reliable due to a large sample size and a high response rate.

### 13.2 Sampling error

-

### 13.3 Non-sampling error

#### 13.3.1 Coverage error

-

#### 13.3.2 Measurement error

-

#### 13.3.3 Non-response error

Questions on livestock buildings and manure storages were a part of the extensive survey of the agricultural census, which was a subsample of the survey. The response rate of the extensive survey was 87%, so 13% of agricultural and horticultural enterprises did not respond to the survey.

#### 13.3.4 Processing error

-

#### 13.3.5 Model-based error

-

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### 14 Timeliness and punctuality

#### 14.1 Timeliness

Preliminary information on the statistics is published the year after the statistical year, and final information is published later.

#### 14.2 Punctuality

The statistics have been published according to the publishing date declared in advance.

### 15 Coherence and comparability

#### 15.1 Comparability - geographical

The statistics are comparable with the statistics of agricultural and horticultural labour force in all EEA countries, for which data has been collected using farm structure surveys.

#### 15.2 Comparability - over time

The number of industry branch classifications was significantly reduced in the 2020 survey. Thus, data available is less accurate than that of previous years. The results of the 2013, 2010, and 2007 statistics on other entrepreneurship are mostly comparable with each other. The statistics of these years included both agricultural farms and horticultural enterprises. Prior to this, horticultural enterprises were not a part of the statistics.

In 2003, the industry branches of reindeer husbandry, fishing, construction, and programme services were added to the survey form.

#### 15.3 Coherence - cross domain

The statistics are coherent with other statistics on agricultural and horticultural enterprises.

##### 15.3.1 Coherence between sub annual and annual statistics

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##### 15.3.2 Coherence with National Accounts

-

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### 15.4 Coherence – internal

-

### 16 Cost and burden

-

### 17 Statistical processing

#### 17.1 Source data

-

#### 17.2 Frequency of data collection

The Farm Structure Survey is conducted every 3 to 4 years. Data on other entrepreneurship of agricultural and horticultural enterprises is collected each time.

#### 17.3 Data collection

Data on other entrepreneurship of agricultural and horticultural enterprises is collected in the data collection of the Farm Structure Survey. Data collection includes farms included in the register of agricultural and horticultural enterprises. Data is collected online or by phone interviews. Phone interviews are conducted by a third-party company selected by the Natural Resources Institute Finland. In 2020 the number of agricultural and horticultural enterprises in Finland was approximately 45,600. Data on other entrepreneurship was collected from approximately 12,800 farms.

#### 17.4 Data validation

If for example an abnormally large observation is spotted during the data compilation process, the authenticity of data is reviewed.

#### 17.5 Data compilation

Data collected with the sample survey is estimated using the normal multiplying factor of stratified sampling. Faulty or abnormal data from the sample survey are either revised or removed from the material. The data for missing responses is re-stratified.

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17.6 Seasonal adjustment

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18 Comment

-