

# QUALITY REPORT FOR STATISTICAL SURVEY

## Agricultural Census 2020

Organisational unit: Croatian Bureau of Statistics / Spatial Statistics Directorate

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## 0. Basic information

- Purpose, goal, and subject of the survey

The Agricultural Census 2020 is a comprehensive statistical survey used to carry out, at regular intervals, all statistical activities that enable the integration of information on the number of agricultural holdings, their structure, methods of agricultural production, support measures for rural development, agricultural and environmental aspects, as well as other related information in the Republic of Croatia for the purposes of official statistics.

The Agricultural Census 2020 collects data on the following:

- land management and agricultural production methods
- methods of agricultural land use
- livestock, facilities for the accommodation of livestock and manure management
- irrigation
- labour force in agriculture
- other gainful activities on agricultural holdings
- sale of agricultural products
- rural development measures
- adjustments to organic agricultural production and environmental protection aspects.

The collected data on the structure of agricultural holdings will be comparable at the European Union level and will provide the necessary statistical base for planning, implementation, monitoring, evaluation and audit of the related policies, in particular the Common Agricultural Policy (CAP), including the rural development measures, the environmental policy, the policy of adaptation to and mitigation of climate changes, land use and some sustainable development goals.

- Reference period

Several calendar years

- Legal acts and other agreements

- Official Statistics Act (NN, Nos 103/03, 75/09, 59/12 and 12/13 – consolidated text)
- Decision on the National Classification of Activities, 2007 version – NKD 2007 (NN, Nos 58/07 and 72/07)
- Ordinance on the Register of Statistical Spatial Units (NN, No. 37/08)
- Regulation (EU) 2018/1091 of the European Parliament and of the Council of 18 July 2018 on integrated farm statistics and repealing Regulations (EC) No 1166/2008 and (EU) No 1337/2011 (OJ L 200, 7.8.2018)
- Commission Implementing Regulation (EU) 2018/1874 of 29 November 2018 on the data to be provided for 2020 under Regulation (EU) 2018/1091 of the European Parliament and of the Council on integrated farm statistics and repealing Regulations (EC) No 1166/2008 and (EU) No 1337/2011, as regards the list of variables and their description Regulation (EC) No 1893/2006 of the European Parliament and of the Council of 20 December 2006 establishing the Statistical Classification of Economic Activities NACE Rev. 2 and amending Council Regulation (EEC) No 3037/90 and certain EC Regulations on specific statistical domains (OJ L 393, 30.12.2006)
- Commission Regulation (EC) No. 973/2007 of 20 August 2007 amending certain EC Regulations on specific statistical domains implementing the statistical classification of economic activities NACE Revision 2 (OJ L 216, 21.8.2007, p. 10 – 16)
- Recommended practice for statistical farm registers: Draft manual, Eurostat

- Statistical Classification of Products by Activity, version 2.1 Commission Regulation (EC) No 1209/2014 of 29 October 2014 amending Regulation (EC) No 451/2008 of the European Parliament and of the Council establishing a new statistical classification of products by activity (CPA) and repealing Council Regulation (EEC) No 3696/93 (OJ L 336, 12.11.2014)
- Classification system
  - National Classification of Activities, 2007 version
  - Statistical Classification of Products by Activity in the European Economic Community, 2008 version
- Statistical concepts and definitions
  - The list of core variables is specified in Annex III of Regulation (EU) 2018/1091.
  - Descriptions of key variables as well as lists and descriptions of variables for modules collected in 2019/2020 are specified in Commission Implementing Regulation (EU) 2018/1874.
  - The following groups of variables were collected in 2019/2020:
    - for core: location of the agricultural holding, legal personality of the agricultural holding, manager, type of tenure of the utilised agricultural area, variables of land, organic farming, irrigation on cultivated outdoor area, variables of livestock, organic farming methods applied to livestock production
    - for module “Labour force and other gainful activities”: farm management, family labour force, non-family labour force, other gainful activities (OGA) directly or indirectly related to the agricultural holding
    - for module “Rural development”: agricultural holdings supported by rural development measures
    - for module “Animal housing and manure management”: animal housing, nutrient use and manure on the farm, manure application techniques, facilities for manure
- Statistical units
  - Statistical unit is a utilised agricultural area cultivated by an agricultural holding.
- Statistical population
  - The Agricultural Census covers private family farms and business entities (hereinafter referred to as: Census units) that have more than 0.40 hectares of utilised agricultural area (UAA) and/or 0.5 livestock units or less than 0.40 hectares of utilised agricultural area, but at least 0.1 hectares of orchards, vineyards and/or olive groves, any area of nurseries, area under vegetables, seed crops, ornamental plants or mushrooms intended for the market, and all bee hives.
  - The Agricultural Census does not cover areas under kitchen gardens for own needs with less than 100 m<sup>2</sup>.

## 1. Relevance

### 1.1. Data users

Agricultural institutes, Faculty of Agriculture, Ministry of Agriculture, Government of the Republic of Croatia.

#### 1.1.1. User needs

Forming economic policy and allocating state budget resources.

#### 1.1.2. User satisfaction

Not applicable.

## **1.2. Completeness**

Data are submitted in accordance with the European Commission Regulations.

### 1.2.1. Data completeness rate

Data completeness rate is 0%.

## **2. Accuracy and reliability**

### **2.1. Sampling error**

Not applicable.

#### 2.1.1. Sampling error indicators

The indicator is not applicable.

### **2.2. Non-sampling error**

Not applicable.

#### 2.2.1. Coverage error

All important new agricultural holdings are included in administrative registers and are therefore included in directories. Also, using the questions in the questionnaire, the reasons for the non-validity are recorded. It helps updating the Statistical Register of Agricultural Holdings.

#### 2.2.2. Over-coverage rate

Over-coverage rate is 19,2%.

#### 2.2.3. Measurement error

Not applicable.

#### 2.2.4. Non-response errors

The main reasons for non-response were refusals for the following reasons:

- dissatisfaction with the current agricultural policy in Croatia
- issues with unresolved ownership (official succession procedures can be time-consuming)
- general refusal for other reasons.

#### 2.2.5. Unit non-response rate

The unweighted non-response rate is 6,9%.

Unweighted non-response rate is -.

#### 2.2.6. Item non-response rate

The indicator is not computed.

#### 2.2.7. Processing errors

The main sources of processing errors were errors in the survey processing application developed by experts from the Croatian Bureau of Statistics. Data on the number of corrections were not collected during data processing.

## 2.2.8. Imputation rate

Unweighted imputation rate for certain variables:

%

| Variable | Domain | Domain value | Comment | Value |
|----------|--------|--------------|---------|-------|
|          |        |              |         | 6,9   |

## 2.2.9. Model assumption error

Not applicable.

## 2.3. Data revision

### 2.3.1. Data revision – policy

The users of statistical data are informed about revisions (provisional data, final data) on the website of the Croatian Bureau of Statistics.

### 2.3.2. Data revision – practice

Provisional data are not published in the survey; therefore, there are no data revisions.

### 2.3.3. Data revision – average size

The indicator is not computed.

## 2.4. Seasonal adjustment

Not applicable.

## 3. Timeliness and punctuality

### 3.1. Timeliness

30 November 2020 – provisional data; 31 December 2021 – final data

#### 3.1.1. Timeliness – first results

Timeliness – first results is T + 0.

#### 3.1.2. Timeliness – final results

Timeliness – final results is T + 0.

### 3.2. Punctuality

All publications are planned in advance and published on time.

First results and final results – 0 days.

#### 3.2.1. Punctuality – delivery and publication

Punctuality is 0%.

## **4. Accessibility and clarity**

Preliminary results were published in printed form on 30 November 2020. Final results were published on 31 December 2021, total for the Republic of Croatia and by regions of the Republic of Croatia.

Data by counties became available on 15 July 2022. Publications contain short notes on methodology, such as sources and methods of data collection, coverage and comparability, definitions, etc. Results contain all final data. These data are available on the website of the Croatian Bureau of Statistics.

### **4.1. News releases**

Not applicable.

### **4.2. Online database**

Data are available on the website of the Croatian Bureau of Statistics in PC-Axis.

### **4.3. Micro-data access**

The conditions under which certain users can access microdata are regulated by the Ordinance on the Conditions and Manner of Using Confidential Statistical Data for Scientific Purposes.

### **4.4. Documentation on methodology**

The basic notes on methodology are published in the First Release.

## **5. Coherence and comparability**

### **5.1. Asymmetry for mirror flows statistics**

Not applicable.

### **5.2. Comparability over time**

Not applicable.

#### **5.2.1. Length of comparable time series**

The indicator is not applicable.

#### **5.2.2. Reasons for break in time series**

Not applicable.

### **5.3. Coherence – sub-annual and annual statistics**

The indicator is not applicable.

### **5.4. Coherence – national accounts**

The indicator is not applicable.

## 5.5. Coherence – administrative sources

Coherence – administrative sources:

| Statistics | Domain | Domain value | Comment | Value |
|------------|--------|--------------|---------|-------|
|            |        |              |         | 1     |

## 6. Cost and burden

### 6.1. Cost

Not applicable.

### 6.2. Burden

Not applicable.