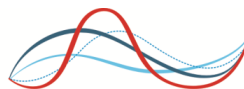




REPUBLIC OF CROATIA



CROATIAN BUREAU OF STATISTICS

**QUALITY REPORT FOR STATISTICAL SURVEY**  
**Indices of Agricultural Production**  
**For 2011**

Organisational unit: Economic Accounts in Agriculture and Forestry Department  
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## 0 Basic information

- Purpose, goal, and subject of the survey

In order to calculate the volume index of agricultural production, data on the quantities of agricultural products produced are taken over from the following regular surveys on crop and livestock production statistics:

- The Report on Yields of Early Crops and Fruits
- The Report on Yields of Late Crops, Fruits and Vineyards
- The Report on Yields of Citrus Fruits and Olives
- The Annual Report on Livestock Production on Agricultural Holdings (Business Entities and Family Farms)
- The Monthly Report on Livestock and Poultry Slaughtering in Abattoirs
- The Monthly Report on Livestock and Poultry Slaughtering – Tradesmen
- Data on import and export of live animals.

Data on average prices of agricultural products, in the first market stage of sales, are taken over from the following agricultural price statistics surveys:

- The Monthly Report on Sale of Agricultural, Forestry and Fishing Products from Own Production – Legal Entities and Tradesmen
- The Monthly Report on Purchase of Agricultural, Forestry and Fishing Products – Private Family Farms.

Volume indices of agricultural production are calculated on the basis of production data of 65 agricultural products. This survey provides the chain indices of gross agricultural production – crop and livestock production and the chain index of net agricultural production.

- Reference period

Calendar year

- Legal acts and other agreements

Decision on the National Classification of Activities 2007 – NKD 2007. (OG, Nos 58/07 and 72/07)

Ordinance on Classification of Business Entities according to the National Classification of Activities – NKD 2002. (OG, No. 52/03)

Classification of Products by Activities – KPD 2008 (OG, No. 108/08)

Official Statistics Act (OG, Nos 103/03, 75/09, 59/12 and 12/13 – consolidated text)

Handbook for EU Agricultural Price Statistics, Version 2.0, Eurostat, 2008

Nomenclature of Plant Products and Services – NBPU (OG, No. 85/98)

Nomenclature of Livestock Products and Services – NSPU OG, No. 85/98)

- Classification system

National Classification of Activities, Version 2007 – NKD 2007.

Classification of Products by Activity of the Republic of Croatia, Version 2008

- Concepts and definitions

Produced quantities of crop products

Produced quantities of livestock products

Average prices of sold agricultural products in the first market phase

The data obtained are in line with EU standards.

- **Statistical units**

For agricultural price statistics, statistical units are covered by section A Agriculture, forestry and fishing – division 1, except group 01.7 Hunting, trapping and related service activities, according to the NKD 2007., taken over from the Statistical Business Register (SPR) for units employing 10 and more persons and from the Tax Administration Register for craftsmen employing 5 or more persons.

Business entities engaged in crop production statistics were taken over from the Registry of Agricultural Holdings of the Paying Agency for Agriculture, Fisheries and Rural Development and from the Statistical Business Register (SPR). Agricultural holdings cover all agricultural holdings with at least 40 acres of utilised agricultural area or:

- less than 40 acres of utilised agricultural area, but having:
- 10 acres of orchards/vineyards/olive groves
- any area of vegetables, flowers and ornamental plants intended for market

The coverage of business entities included in the livestock production survey is selective (10 or more employees), while reporting units were taken over from the Statistical Business Register and the Statistical Register of Agricultural Holdings. Statistical units are also family farms engaged in livestock and poultry farming, which were selected on the sample basis.

- **Statistical population**

Legal entities and parts thereof defined in section A Agriculture, forestry and fishing – division 1, except group 01.7 Hunting trapping and related service activities, according to the NKD 2007., in the Statistical Business Register (SPR), in the Statistical Register of Agricultural Holdings and in the Registry of Agricultural Holdings of the Paying Agency for Agriculture, Fisheries and Rural Development as well as tradesmen taken over from the register of Tax Administration engaged in agricultural activities, and family farms.

## **1. Relevance**

### **1.1. Data users**

- Ministry of Agriculture
- Students
- Entrepreneurs

#### 1.1.1 User needs

- Ministry of Agriculture – for various internal analyses
- Students – for seminar works and diploma theses
- Entrepreneurs – for business operations analysis

#### 1.1.2 User satisfaction

The user satisfaction survey has been conducted and results are available on request.

### **1.2. Completeness**

The data are calculated only for national purposes. The calculation does not include products with a low share in the value of agricultural production.

### 1.2.1 Data completeness rate

Indicator for this survey is not computed.

## 2. Accuracy and reliability

### 2.1. Sampling error

Not applicable.

#### 2.1.1 Sampling error indicators

Indicator for this survey is not computed.

#### 2.1.2 Bias due to sample selection process

Indicator for this survey is not computed.

### 2.2. Non-sampling error

Not applicable.

#### 2.2.1 Coverage error

Overcoverage can occur when the criteria of selection of units is given up in order to increase the coverage of certain products, while undercoverage can occur when a unit, even though it is classified in an appropriate activity, has no basis for filling the report.

#### 2.2.2 Over-coverage rate

Indicator for this survey is not computed.

#### 2.2.3 Measurement errors

Administrative data are corrected at an earlier stage, but at this stage of calculation it is possible for data entry errors to occur, which are eliminated by data validation.

#### 2.2.4 Non-response errors

Not applicable.

#### 2.2.5 Unit non-response rate

Indicator for this survey is not computed.

#### 2.2.6 Item non-response-rate

Indicator for this survey is not computed.

#### 2.2.7 Processing errors

Possible processing errors in data used are eliminated at an earlier stage.

#### 2.2.8 Imputation rate

Indicator for this survey is not computed.

#### 2.2.9 Editing rate

Indicator for this survey is not computed.

#### 2.2.10 Hit rate

Indicator for this survey is not computed.

#### 2.2.11 Model assumption error

Not applicable.

### **2.3. Data revision**

#### 2.3.1 Data revision – policy

The users of statistical data are informed about revisions (preliminary, final data) on the web site of the Croatian Bureau of Statistics [www.dzs.hr](http://www.dzs.hr).

#### 2.3.2 Data revision – practice

Provisional figures are not published in this survey and therefore regular revisions are not planned.

#### 2.3.3 Data revision – average size

Indicator for this survey is not computed.

### **2.4. Seasonal adjustment**

Not applicable.

## **3. Timeliness and Punctuality**

### **3.1. Timeliness**

#### 3.1.1 Timeliness – first results

Timeliness of first results is T + 6 months.

#### 3.1.2 Timeliness – final results:

Timeliness of final results is T + 6 months.

### **3.2. Punctuality**

#### 3.2.1 Punctuality – delivery and publication

Punctuality is: 0.

## **4. Accessibility and clarity**

Data are disseminated in paper and electronic format and released on the website of the Croatian Bureau of Statistics [www.dzs.hr](http://www.dzs.hr) in the form of the First Releases.

The First Release contains short methodological explanations, such as sources and methods of data collection, coverage and comparability, definitions and etc.

#### **4.1. News release**

Indices of Agricultural Production, 2011

#### **4.2. Other publications**

Statistical Yearbook of the Republic of Croatia

#### **4.3. On-line database**

The data are not published in on-line databases.

#### **4.4. Micro-data access**

Conditions under which certain users can have access to microdata are regulated by the Ordinance on the Conditions and Manner of Use of Statistical Data for Scientific Purposes (OG, No. 137/13).

#### **4.5. Documentation on methodology**

The basic methodological explanations are published in the First Release and in the methodological part of the Statistical Yearbook of the Republic of Croatia.

### **5. Comparability**

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

Not applicable.

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

##### 5.2.1 Length of comparable time series

Length of comparable time series is: 11 year.

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

Indices have been revised on the basis of the recalculated data series on crop and animal production starting with 2000.

### **6. Coherence**

#### **6.1. Coherence – short-term and structural data**

Coherence – short-term and structural data is:

Statistics	Domain	Domain value	Value
			0

## **6.2. Coherence – national accounts**

Indicator for this survey is not computed.

## **6.3. Coherence – administrative sources**

Indicator for this survey is not computed.

# **7. Cost and burden**

## **7.1. Cost**

Data are taken over from regular surveys on crop and livestock production statistics and agricultural products price statistics.

Costs are related to collecting data for the mentioned surveys (costs of printing forms, distribution, data processing) and to employees' income.

## **7.2. Burden**

The greatest burden is on the largest units that are always selected for various surveys within the same activity.