

QUALITY REPORT FOR STATISTICAL SURVEY
Agricultural Prices
For 2021

Organisational unit: Environment and Energy Statistics and Sustainable
Development Indicators Department

Prepared by: Matej Pejković

May 2022

0. Basic information

- Purpose, goal, and subject of the survey

Data on the volume and value of sold agricultural products from own production in the first phase of market sales are collected. The aim of the survey is to obtain data on average producer prices of agricultural products. The prices of goods consumed in agricultural production are also collected, partly by the survey of the Croatian Bureau of Statistics and partly from administrative sources.

- Reference period

Calendar year

- Legal acts and other agreements

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

Classification of Products by Activities, 2008 version (KPD 2008.) (NN, No 108/08)

Official Statistics Act (NN, No. 25/20)

Handbook for EU Agricultural Price Statistics, Version 2.1, Eurostat, 2015

- Classification system

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

Classification of Products by Activities, 2008 version (KPD 2008.) (NN, No 108/08)

- Statistical concepts and definitions

Data on the prices of agricultural products for the Republic of Croatia are based on the prices collected from quarterly surveys on the sale and purchase of agricultural products. Data on the volume and value of sold agricultural products from own production in the first phase of market sales are collected, which are then used in the calculation of average producer prices. Average producer prices are prices including taxes (except VAT), but excluding subsidies and other financial incentives. The prices of seeds and planting material were obtained through the survey on the sale of seeds and planting material. Reporting units that send the data are business entities taken over from the list of applications for certification of seeds and planting materials of the Croatian Centre for Agriculture, Food and Rural Affairs (manufacturers and marketers of seeds and seedlings). Data on quantities and values of agricultural products sold are collected. Reporting units for the prices of feed materials are complex business entities that produced and sold more than 6 000 tons of animal feed in the previous year, and the data are taken over from the Ministry of Agriculture. The prices are also obtained through the values and quantities sold. The collected prices of goods consumed in agricultural production are wholesale prices.

- Statistical units

The coverage of business entities is selective (10 and more employees for business entities and 5 and more employees for craftsmen), while reporting units have been taken over from the Register of Business Entities and the Register of Tax Administration).

- Statistical population

Legal entities and parts thereof employing 10 and more persons defined by section A Agriculture, forestry and fishing according to the National Classification of Activities 2007 (NKD 2007.) that are registered in the Statistical Business Register (SPR); craftsmen registered in the Register of Tax Administration engaged in agricultural activities.

1. Relevance

1.1. Data users

National Accounts Department – prices of agricultural products

Economic Accounts of Agriculture – prices of agricultural products

Eurostat – prices of agricultural products

Ministry of Agriculture – prices of agricultural products, seeds and seedlings

FAO – prices of agricultural products

Lawyers, students, entrepreneurs – prices of agricultural products

Eurostat – annual absolute prices

1.1.1. User needs

National Accounts Department – for the calculation of grey economy

Economic Accounts of Agriculture – for the calculation of agricultural income

Ministry of Agriculture – for the calculation of the SO (standard output)

Eurostat – publication of methodologically harmonised and internationally comparable indicators, calculation of aggregate indicators at the level of the European Union

FAO – prices of agricultural products

Lawyers – for the assessment of damages in litigations

Students – for seminar papers and diploma theses

Entrepreneurs – for business operation analyses

Eurostat – for the comparison of prices in EU Member States and the assessment of the impact of CAP on the financial situation in agriculture

In rare cases, prices are requested for products of minor importance that we do not monitor.

1.1.2. User satisfaction survey

User satisfaction is measured by the user satisfaction survey of the Croatian Bureau of Statistics.

The user satisfaction survey was conducted in 2015. The results are available at http://www.dzs.hr/Hrv/international/Quality_Report/Quality_Report_Documents/Quality_Report_Satisfaction_Survey.pdf.

1.2. Completeness

100%.

1.2.1. Data completeness rate

The indicator for this survey is not applicable.

2. Accuracy and reliability

2.1. Sampling error

Not applicable.

2.1.1. Sampling error indicators

The indicator for this survey is not applicable.

2.2. Non-sampling error

The eligibility rate is the share of eligible reporting units among all selected reporting units.

2.2.1. Coverage error

Incorrect classification of units according to the classification of activities.

2.2.2. Over-coverage rate

The indicator for this survey is not applicable.

2.2.3. Measurement error

Processing includes editing, and before correcting errors, they are checked by phone with reporting units.

2.2.4. Non-response error

Not applicable.

2.2.5. Unit non-response rate

The indicator for this survey is not applicable.

2.2.6. Item non-response rate

The indicator for this survey is not applicable.

2.2.7. Processing error

Data entered incorrectly, either by the reporting unit or in the processing, are edited and checked, and (if necessary) corrected.

2.2.8. Imputation rate

The indicator for this survey is not applicable.

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 <https://podaci.dzs.hr/en/>.

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 for this survey is not applicable.

2.4. Seasonal adjustment

Not applicable.

3. Timeliness and punctuality

3.1. Timeliness

60 days after the end of the reference year.

3.1.1. Time lag – first results

Time lag – first results is T + 22 months after the reference year.

3.1.2. Time lag – final results

Time lag – final results is T + 22 months after the reference year.

3.2. Punctuality

Delivery of data fully meets the planned deadlines (100%).

3.2.1. Punctuality – delivery and publication

Delivery and publication is 0 – data are published according to the publishing plan.

4. Accessibility and clarity

Data are disseminated in printed and electronic form and are published on the website of the Croatian Bureau of Statistics <https://podaci.dzs.hr/en> in the form of the First Release.

First Release contains short notes on methodology, such as sources and methods of data collection, coverage and comparability, definitions, etc.

4.1. News releases

Data are published in the First Release “Agricultural Prices, 2021”

4.2. Online database

Data are not published in online databases.

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. All relevant information are available on the Eurostat website at https://ec.europa.eu/eurostat/cache/metadata/en/apri_ap_esms.htm.

5. Coverage and comparability

5.1. Asymmetry for mirror flows statistics

Not applicable.

5.2. Comparability over time

2005 – 2021

5.2.1. Length of comparable time series

Length of comparable time series is 16. The prices of fertilisers have not been published since 2010 for the purpose of data collection.

5.2.2. Reasons for break in time series

There is no break in time series.

5.3. Coherence – subannual and annual statistics

The indicator for this survey is not applicable.

5.4. Coherence – national accounts

The indicator for this survey is not applicable.

5.5. Coherence – administrative sources

The indicator for this survey is not applicable.

6. Cost and burden

6.1. Cost

Costs are associated with the production of data through material costs and employees' income.

6.2. Burden

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