

Statistical survey on sale of agricultural products from own production of legal entities and agricultural cooperatives

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Reference Metadata in ESMS 2.0 structure

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1.1	Contact organisation
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3 Statistical presentation

3.1 Data description

Total value and quantity of sold agricultural products from own production of business entities and agricultural cooperatives.

3.2 Classification system

National Classification of Activities - NCA Rev.2 ;

Nomenclature of Agricultural Products, Forestry Products, Hunting and Fishing and Related Services - NAPFHS ,

Nomenclature of Territorial Statistical Units - NTES, 2019

3.3 Sector coverage

Sector A - Agriculture, forestry and fisheries, section 01 - Crop and animal production, hunting and related service activities, according to NKD, Rev.2.

3.4 Statistical concepts and definitions

The statistical survey for the sale of agricultural products has been conducted for a long period of time, since January 1996. This survey is designed to provide statistical data for the sale of agricultural products for national needs. Within the framework of the European statistical system, there is no regulation and practice for the collection of this type of data.

The purpose of this research is to obtain statistical data for the market of agricultural products in the phase of realization of the market surplus of agricultural products. The data is collected for:

Sales of agricultural products from companies and agricultural cooperatives (statistics on sales of agricultural products from own production).

The purpose of the research is to provide statistical data for the sale of agricultural products in the territory where they are produced, expressed in terms of quantity and value. For this purpose, the following data are collected for agricultural products, i.e. for a group of products:

- *The quantities of agricultural products sold during the reporting month;*
- *The value of agricultural products sold during the reporting month; and*
- *The average values per unit measure of agricultural products sold during the reporting month.*

Reporting units are companies that, on the basis of legal regulations, are working in the sale of agricultural products for further realization or processing of those products. These are the following business entities:

- agriculture enterprises,
- agricultural and other cooperatives,
- subcontractor companies in agriculture,

- companies from the food industry that buy or purchase agricultural products for processing or finishing (production of fresh meat and meat processing, grain processing, canning of vegetables and fruits, then dairies, sugar factories, butter factories, starch factories, breweries and etc.)
- enterprises from the area of trade for the supply of agricultural products, then specialized trade enterprises for the sale of alcoholic beverages and goods in the form of seeds, medicinal plants, profitable food, forest crops and similar,

companies that deal with buying as a secondary activity.

Defining statistical variables such

As sales, delivered quantities of agricultural products to enterprises and agricultural cooperatives are considered those quantities of products produced by the enterprises and agricultural cooperatives, as well as the local units within agricultural enterprises engaged in agricultural activity, which during the reporting month were delivered to buyers and other users, regardless of the method of price calculation (sales at market prices and deliveries at internal prices and other forms of internal realization) and the time of payment.

The sold quantities include:

a) agricultural products ordered from another enterprise and agricultural cooperative in the field of economy (industrial, commercial, agricultural, and others) for processing or further sale as well as outside the economy (to health institutions, the Army, social institutions, and similar) for consumption (all are recorded as sales);

b) quantities of delivered livestock whose owner is the enterprise or agricultural cooperative, regardless of whether the livestock is raised within the organization or outside it (in another organization or with an individual agricultural producer);

e) the delivered quantities of agricultural products that are expressed and calculated as internal implementation - supply to the own units engaged in the processing or processing of agricultural raw materials from own production (if not invoiced in sales);

3.5	Statistical unit
Units for observation: business entities and agricultural cooperatives	
3.6	Statistical population
Business entities and agricultural cooperatives that belong to sector A (section 01) of the NKD Rev.2.	
3.7	Reference area
-NTES 1 and 2 (Republic of Macedonia), -NTES 3 (statistical regions)	
3.8	Time coverage
- Since 1949, the data has been available at the level of the Republic of Macedonia. - Since 2007, the data has been available at the regional level.	

3.9	Base period
Not applicable.	
4	Unit of measure
denars, kilograms, pieces, liters.	
5	Reference period
Monthly data collection and aggregated publication of quarterly data.	
6	Institutional mandate
<p>NATIONAL LEGAL REGULATION NATIONAL LEGAL REGULATION Law on State Statistics ("Official Gazette of the Republic of Macedonia" No. 54/97, 21/07, 51/11, 104/13, 42/14, 192/15, 27/16, 83/18, and 220/18 and "Official Gazette of the Republic of North Macedonia" No. 31/20) (https:// www.stat.mk/mk/za-nas/zakonski-akti/zakon-za-drzhavna-statistika/) Statistical Research Program for the period 2023-2027 ("Official Gazette of the Republic of North Macedonia" No. 29/23 and 57/25). (https:// www.stat.mk/mk/za-nas/zakonski-akti/%D0%BF%D1%80%D0%BE%D0%B3%D1%80%D0%B0%D0%BC%D0%B0-%D0%B7%D0%B0-%D1%81%D1%82%D0%B0%D1%82%D0%B8%D1%81%D1%82%D0%B8%D1%87%D0%BA%D0%B8-%D0%B8%D1%81%D1%82%D1%80%D0%B0%D0%B6%D1%83%D0%B2%D0%B0%D1%9A%D0%B0/)</p>	
6.1	Legal acts and other agreements
<p>NATIONAL LEGISLATION</p> <p>Law on State Statistics ("Official Gazette of the Republic of Macedonia" No. 54/1997, 21/2007, 51/2011, 104/2013, 42/2014, 192/2015, 27/16, 83/18, 220/18, 31/20) (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx)</p> <p>Programme of Statistical Surveys 2018-2022 ("Official Gazette of RM" No. 22/18.) (https://www.stat.gov.mk/ZaNas_en.aspx?id=8)</p> <p>EUROPEAN LEGISLATION</p> <p>Commission Regulation (EC) No 889/2008 of 5 September 2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007 on organic production and labelling of organic products with regard to organic production, labelling and control</p> <p>https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=celex%3A32008R0889</p>	
6.2	Data sharing
It is not applicable, the data from the SI is not shared.	
7	Confidentiality

7.1	Confidentiality - policy
<p>1. The protection of individual data is regulated by the Law on State Statistics (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx).</p> <p>2. The basic principles and activities undertaken to ensure data confidentiality are described in the Policy on Statistical Confidentiality (https://www.stat.gov.mk/pdf/PolicyOnStatisticalConfidentiality.pdf).</p>	
7.2	Confidentiality - data treatment
<p>In accordance with Article 38 of the <u>Law on State Statistics</u> and the <u>Policy on Confidentiality</u>, individual data is not published.</p> <p>Pursuant to Article 38 of the Law on State Statistics (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx) and the Policy on Statistical Confidentiality (https://www.stat.gov.mk/pdf/PolicyOnStatisticalConfidentiality.pdf), individual data are not published.</p>	
8	Release policy
8.1	Release calendar
<p>The date of publication of the data is determined in the Calendar for the publication of Announcements, which is updated quarterly.</p>	
8.2	Release calendar access
<p>Advance release calendar</p> <p>https://www.stat.gov.mk/Kalendar_en.aspx</p>	
8.3	User access
<p>All users have equal access to statistics at the same time: this means that publication dates are announced in advance and no user has access to official statistics before they are published. The statistics are published in the Makstat database on the website of the State Statistical Office at 12:00 noon.</p> <p><u>All New Releases</u></p>	
9	Frequency of dissemination
<p>The date for the publication of data is determined in the Announcement Release Calendar, which is updated quarterly.</p>	
10	Accessibility and clarity

10.1	News release
<p>In accordance with the <u>Dissemination Strategy</u>, the Announcements are published quarterly and they are available on the website of the SSO in the chapter:News Release.</p> <p><u>News Realese</u></p>	
10.2	Publications
<p><u>Statistical yearbook</u> <u>Regions of the Republic of North Macedonia</u></p> <p><u>North Macedonia in figures</u> <u>Makstat Selection</u> <u>Environmental statistics</u></p>	
10.3	On-line database
<u>MakStat Database - Prices</u>	
10.4	Micro-data access
<p>Data collected for the purpose of official statistics may be used for scientific purposes according to the <u>Law on State Statistics</u> (Article 41, 42 and 43). Access to Anonymised microdata is defined with an internal procedure in the Statistical Office " Rules for access to anonymised microdata for research purposes " (https://www.stat.gov.mk/ZaNas_en.aspx?id=22).</p>	
10.5	Other
At the request of the users, the data are prepared in a form according to their needs.	
10.6	Documentation on methodology
<p>Methodological explanation, national,</p> <p>http://www.stat.gov.mk/MetodoloskiObjasSoop.aspx?id=44&rbrObl=15</p>	
10.7	Quality documentation
Quality report is not produced.	
11	Quality management
11.1	Quality assurance
<p>The quality of the processes and products in the State Statistical Office is ensured by adhering to the European Code of European Statistics (https://www.stat.gov.mk/ZaNas.aspx?id=2) and the Quality Assurance Framework within of the European Statistical System (ESC Quality Assurance Framework - https://ec.europa.eu/eurostat/documents/64157/4392716/ESS-QAF-V2.0-final.pdf). The quality criteria are also determined in the Law on State Statistics in Article 4b and Article 4c https://www.stat.gov.mk/ZakonZaStatistika_en.aspx</p>	
11.2	Quality assessment

The State Statistical Office implements statistical activities in accordance with the Statistical Business Process Model, which is based on the international model - Generic Statistical Business Process Model (GSBPM). The application of this model, as well as the application of international standards in statistical production provide a high level of accuracy and comparability of data.

The sales data is timely, accurate, relevant, credible, and comparable.

12	Relevance
12.1	User needs
The sales data is used by the Government of the Republic of North Macedonia, the business community, non-governmental organizations, faculties and research institutions, associations and associations of agricultural producers, media, students, and other individuals and legal entities. The data are key indicators for trends in agriculture and serve as a basis for analysis, planning, investments, and appropriate decisions and measures for the continuous improvement and enhancement of the conditions in the agricultural sector in the country.	
12.2	User satisfaction
Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.	
12.3	Completeness
Regarding the indicators provided for by Regulation No. 1165/2008 of the European Commission, the State Statistical Office provides approximately 90% of them.	
13	Accuracy and reliability
13.1	Overall accuracy
The methodology of the research and the way of data collection provide a solid coverage and accuracy of the data. The accuracy of the data is ensured by taking measures to reduce sampling and/or non-sampling errors, as well as through additional comparison and analysis of the data before they are published.	
13.2	Sampling error
Not applicable.	
13.3	Non-sampling error
Not applicable.	
14	Timeliness and punctuality
14.1	Timeliness
T + 45 days from the last month in the quarter.	
14.2	Punctuality
All data is published according to the deadlines set in the Publication Calendar. The data is published on the date specified (announced) in the Timeliness Calendar. The indicator of the	

research is the total value of sales of agricultural products.	
15	Coherence and comparability
15.1	Comparability - geographical
There is geographical comparability of the disseminated data at the national level and at the regional level. In terms of geographical comparability with other European countries, comparability is also ensured because the data is collected in accordance with European regulations.	
15.2	Comparability - over time
Comparability of data from January 1996 is provided, without interruption in the time series.	
15.3	Coherence - cross domain
Comparisons of the data at micro and macro level with the data from the research "Monthly report on prices of producers of agricultural products" "(ZEM.PRICES.A)."	
15.4	Coherence - internal
Internal data coherence is ensured.	
16	Cost and burden
Not calculated.	
17	Data revision
17.1	Data revision - policy
Data revision is made in accordance with the Statistical Data Revision Policy of the SSO: (https://www.stat.gov.mk/ZaNas_en.aspx?id=25).	
17.2	Data revision - practice
It is not applicable, there is no revision of the data in this SI.	
18	Statistical processing
18.1	Source data
The survey is based on the full coverage of those business entities that sell their own agricultural products.	
18.2	Frequency of data collection
Monthly.	
18.3	Data collection
The data from the survey is collected using a self-filling method in the statistical questionnaire "Monthly Report on Sales of Agricultural Products from Own Production by Business Entities and Agricultural Cooperatives" (Z.E.TR.G.33). The completed questionnaires are sent by mail to the regional statistical departments no later than the 20th of the following month, where the data and coverage are checked and submitted to the State Statistical Office.	

18.4	Data validation
Data verification is carried out in accordance with defined control criteria. Initial data verification is performed at the regional statistics offices upon receipt of the completed questionnaires. Verification is also conducted on the finalized data before their publication.	
18.5	Data compilation
Editing: The received data, after checking and possible correction in consultation with the reporting units, are entered on electronic media, through an application with built-in on-line controls.	
18.6	Adjustment
Not applicable.	
19	Comment
A.1	Annexes