State Statistical Office

Economic accounts for agriculture, current prices

AFF_ESZ.TC_A_EN_2022_1

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	**Contact organisation**
State statistical office	
1.2	**Contact organisation unit**
Department for satellite acounts	
1.3	**Contact name**
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1.8	**Contact fax number**
00389 2 3111 336	
2	**Metadata update**
2.1	**Metadata last certified**
25/06/2025	
2.2	**Metadata last posted**
25/06/2025	

2.3	Metadata last update

25/06/2025

3	Statistical presentation

3.1	Data description

Production account, Generation of income account, Entrepreneurial account and labour force in the agriculture. Value of agricultural output (crop output, animal output, non-agricultural secondary activities and agricultural services output), value of the costs in the process of agricultural production, gross and net value added in agriculture, factore income, enterprenurial income.

3.2	Classification system

National Classification of Activities - NKD Rev.2; Nomenclature of Agricultural Products, Products of Forestry, Hunting and Fishing and Related Services

3.3	Sector coverage

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

3.4	Statistical concepts and definitions

For the value of each item from Production account to be calculated a principle of quantity x price is used. The price used for obtaining the agricultural output is production price i.e. the price which agricultural producer recieved for his product. While for obtaining the value of intermediate consumption, the sale price or the price that farmer pays for buying the product which further will be used as an input in the process of agricultural production is used. Output of the agricultural ""industry"" - the total of the production of all agricultural units expressed in value of production. The value of each of the items is valued at producer prices, which are the prices that agricultural producers receive from the purchasers for a unit of produced goods. Intermediate consumption - consists of the value of goods and services used as inputs in the production process, excluding fixed assets whose consumption is recorded as fixed capital consumption. Gross Value Added - is a balancing item of the production account in the Economic Accounts for Agriculture. It is calculated as a difference between agricultural output on the one hand and total intermediate consumption on the other hand. Net value added - is obtained by deducting consumption of fixed capital from gross value added."

3.5	Statistical unit

Buisiness entites

3.6	Statistical population

All buisiness entites witch are part from agriculture.

3.7	Reference area

Republic od North Macedonia

3.8	Time coverage

From 1998.

3.9	Base period

It is not apliciable.

4	Unit of measure

Million denars, AWU (annual work units).

5	Reference period

01.01.2022 - 31.12.2022.

6	Institutional mandate

6.1	Legal acts and other agreements

National: 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, 220/18 и 31/20), Programme of Statistical Surveys 2018-2022 ("Official Gazette of the Republic of Macedonia" No. 54/1997, 21/2007, 51/2011, 104/2013, 42/2014, 192/2015 и 27/16) International: Commission Regulation (EC) No. 138/2004.

 https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/

6.2	Data sharing

Time series of annual data: from 1998 have been sent to Eurostat via eDAMIS.

7	Confidentiality

7.1	Confidentiality - policy

Individual data are protected by the Law on State Statistics. Data collected with statistical surveys from the reporting units or indirectly from administrative or other sources are confidential data and are used only for statistical purposes. Results from the statistical processing may also generate information considered as confidential, for example: anonymised individual data, tables with low level of aggregation, as well as unreleased data. The Policy on Statistical Confidentiality contains the basic principles used in the SSO.

7.2	Confidentiality - data treatment

All individual or personal data, in each phase of statistical processing, are treated as confidential data and may be used only for statistical purposes. When releasing data from this survey at an aggregated level, there is no need for additional data treatment for the purpose of ensuring confidentiality.

8	Release policy

8.1	Release calendar

The publication of the data is in accordance with the Release Calendar, which is prepared annually before the beginning of the calendar year and is updated quarterly.

8.2	Release calendar access

Release calendar: https://www.stat.mk/en/publishing-calendar/http://www.stat.gov.mk/Kalendar_nov.aspx

8.3	User access

In accordance with the dissemination policy, all users have equal access to statistics at the same time. The data are published on the website at the same time for all users, who are informed by the Release Calendar, and no user has privileged treatment.

9	Frequency of dissemination

Annual

10	Accessibility and clarity

10.1	News release

Economic Accounts for Agriculture at current prices,2023

https://www.stat.mk/en/stat/agriculture/economic-accounts-for-agriculture/economic-accounts-for-agriculture-at-constant-prices/economic-accounts-for-agriculture-at-constant-prices-2018-2023/

10.2	Publications

10.3	On-line database

Economic accounts for agriculture,production account, by years

https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat__EkSmetkiZem/175_SmetZem_Mk_PostCen_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef

10.4	Micro-data access

According to the **Law on State Statistics (Article 41)** and the **Policy on Access to Anonymised Microdata for scientific purposes**, data collected for the purpose of official statistics may be used for scientific purposes if there is no risk of direct or indirect identification, i.e. disclosure of data individuality. Access to microdata is possible only in the safe room at the SSO, based on a submitted and approved request and a signed agreement.

10.5	Other

In accordance with the Dissemination Policy, the services of the SSO include preparation of data according to user needs, assistance in using library materials and published data.

The State Statistical Office makes great efforts to develop products and services that meet the needs of different categories of users who have different needs, through various forms of presentation and access to statistics.

In general, data access restrictions stem from the **Policy on Statistical Confidentiality**, with an exception being made for the research community. The dissemination of microdata for research purposes is in accordance with the Policy on Access to Anonymised Microdata for Scientific Research Purposes.

10.6	Documentation on methodology

The methodological explanations are released on the State Statistical Office website

  http://www.stat.gov.mk/MetodoloskiObjasSoop.aspx?id=33&rbrObl=10

10.7	Quality documentation

Quality report for Economic accounts for agriculture is prepared and it is sent to Eurostat in the frame of the Project of Agri-monetary statistics.

11	Quality management

11.1	Quality assurance

The commitment of the SSO to ensuring quality of products and services is described in the:

- **Law on State Statistics**
- **Strategic Plan of the State Statistical Office**
- **Quality Policy of the State Statistical Office**

as well as in the continuous efforts for harmonisation with the **European Statistics Code of Practice**. The main aspects and procedures for quality management in the phases and sub-processes of the Statistical Business Process Model, as well as the good practices for ensuring quality are documented in the internal document called "Guide for ensuring quality of statistical processes". Input and output metadata, as well as relevant quality indicators for certain sub-processes are described in the document "Guide for survey managers".

11.2	Quality assessment

12	Relevance
12.1	User needs

Data from the Economic accounts in agriculture at current prices are used by agricultural policy makers, by the business community, agro-economists, agronomists, farmers, the non-governmental sector and other organisations.

12.2	User satisfaction

The State Statistical Office conducts the **User Satisfaction Survey**. This Survey was conducted in 2009, 2012, 2015, 2017 and the last one in 2019.

 https://www.stat.gov.mk/GSearch.aspx?cx=005984792435174779271%3Av7t0sn-wu1a&cof=FORID%3A10&ie=UTF-8&q=%D0%B0%D0%BD%D0%BA%D0%B5%D1%82%D0%B0+%D0%B7%D0%B0+%D0%B7%D0%B0%D0%B4%D0%BE%D0%B2%D0%BE%D0%BB%D1%81%D1%82%D0%B2%D0%BE&sa=%D0%B1%D0%B0%D1%80%D0%B0%D1%98

12.3	Completeness

The SSO ensures around 75% of the indicators which are required by the Commission Regulation (EC) No. 138/2004 and the handbook for Economic accounts in agriculture.

13	Accuracy and reliability
13.1	Overall accuracy

Data accuracy is ensured by working on decreasing sampling and non-sampling errors, as well as

 with additional data comparisons and analysis before dissemination.

13.2	Sampling error

Not applicable (the data are not based on survey on field).

13.3	Non-sampling error

14	Timeliness and punctuality
14.1	Timeliness

T+455.

14.2	Punctuality

The data are published on the day announced in the Advance Release Calendar.

15	Coherence and comparability
15.1	Comparability - geographical

The data are released at national level. International comparability is ensured also.

15.2	Comparability - over time

Comparability is ensured - time series from 1998 with no break in the time series. The number of reference periods in the time series is 23.

15.3	Coherence - cross domain

Comparison at macro level was performed with the data from the survey Calculation of GDP by production method for the value of the main indicators in Division 01: Crop and animal production, hunting and related service activities. Also, comparsion of the main data is performed with different sources (for indicators for which is possible).

15.4	Coherence - internal

Internal coherence of data is ensured.

16	Cost and burden

There is not cost for collecting the data nor burden for reporting units because they are taken from administrative sources,are getting from sector of agriculture in SSO and they are submitted by the institutions with which the SSO has concluded a cooperation agreement.

17	Data revision

17.1	Data revision - policy

In accordance with the **Statistical Data Revision Policy**

 https://www.stat.mk/mk/za-nas/izveshtai/%D0%B8%D0%B7%D0%B2%D0%B5%D1%88%D1%82%D0%B0%D1%98-%D0%B7%D0%B0-%D1%80%D0%B5%D0%B2%D0%B8%D0%B7%D0%B8%D1%98%D0%B0/

17.2	Data revision - practice

If needed, for methodological update and new data source etc.

18	Statistical processing

18.1	Source data

For compiling Economic accounts for agriculture at current prices are used statistical survey implemented by State Statistical Office as well other administrative sources. As statistical sources of data can be listed: Crop statistics surveys, Number of livestock and livestock production, Production agricultural prices, Farm structure survey, Labour force survey, Value and quantity of spent resources in agricultural holdings etc. Administrative source of data are collected from the

Ministry of agriculture, forestry and water economy, Agency for supporting of agriculture and rural development, Commercial banks etc.

18.2	Frequency of data collection

Annual.

18.3	Data collection

Data from statistical sources are colected in electronic form at aggregate level. The data from administrative sources are collected in electronic form or subbmited by the institutions from which are required.

18.4	Data validation

Before data release, comparison and analyses is performed i.e. the trend of the data series is analyzed and the main indicators are compared with the data of the survey for calculation of GDP, by production method in Division 01 Crop and animal production, hunting and related service activities.

18.5	Data compilation

"For the value of each item from Production account to be calculated a principle of quantity x price is used. Output of the agricultural ""industry"" is sum from Crop output, Animal output, Agricultural services, Non-agricultural secondary activities and Subsidies on product. Gross value added at basic prices in agriculture is obtaining as a difference between output of the agricultural ""industry"" and the value of total intermediate consumption. Gross value added reduced for the value consumption of fixed capital gives a net value added at basic prices in agriculture."

18.6	Adjustment

19	Comment

A.1	Annexes