

Statistical survey on organic production

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Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for agriculture, forestry, hunting and fishing and farm register	
1.3	Contact name
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1.4	Contact person function
Junior Associate	
1.5	Contact mail address
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00389 2 3295 649	
1.8	Contact fax number
00389 2 3111 336	
2	Metadata update
2.1	Metadata last certified

18.05.2023	
2.2	Metadata last posted
18.05.2023	
2.3	Metadata last update
18.05.2023	
3	Statistical presentation
3.1	Data description
<p>Organic farming is defined as a method of production where the greatest emphasis is placed on environmental protection, and the production avoids or greatly reduces the use of synthetic chemical inputs, such as fertilizers, pesticides, additives and medical products. Organic production includes livestock production, and the production of genetically modified organisms (GMOs) and their use in animal feed is also prohibited. Organic farming differs from other methods of agricultural production in the application of regulated standards (production rules), mandatory control schemes and a specific marking scheme. Organic statistics collect data on:</p> <ul style="list-style-type: none"> - Number of organic operators such as producers (agricultural holdings, aquaculture production units), processors, importers, exporters and other operators (wholesalers, retailers, etc.) - Organic crop area under conversion and fully converted - Organic crop production from fully converted area - Number of organic livestock - Volume of organic products of animal origin - Volume of organic aquaculture production - Number of operators processing products issued from organic farming (based on NACE classification).....and etc. <p>From 2020 onwards as well the data on organic production have also been enriched with data on yields.</p>	
3.2	Classification system

National classification of activities NKD Rev.2.

https://www.stat.gov.mk/Nacionalni_Klasifikacii2_en.aspx?rbr=1

3.3 Sector coverage

Agricultural holdings that dispose of agricultural land under conversion or have already received a certificate of organic production from the relevant national certification bodies.

3.4 Statistical concepts and definitions

Organic production is a complete system of management of the agricultural holding and food production that combines the best practices of environmental protection, high level of biodiversity, protection of natural resources, application of animal welfare standards and production method in accordance with consumer requirements, for products produced using natural materials and processes.

Organic production in transition - transition from inorganic to organic agricultural production in a certain period of time in which the rules of organic production apply.

3.5 Statistical unit

Agricultural holdings.

3.6 Statistical population

All individual agricultural holdings and legal entities which perform organic agricultural production and for that activity have approval by the control/certification authority (authorized by the Ministry of agriculture, forestry and water economy).

3.7 Reference area

Republic of North Macedonia

3.8 Time coverage

Data are available from 2013 onwards.

3.9 Base period

Not applicable

4	Unit of measure
Tonnes, number, hectares.	
5	Reference period
Annual	
6	Institutional mandate
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
<p>From reference year 2008 onwards, data have to be provided according to</p> <p>Council Regulation (EC) No 834/2007 of 28 June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) No 2092/91</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</p>	
7	Confidentiality
7.1	Confidentiality - policy

1. The protection of individual data is regulated by the Law on State Statistics (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx).

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>).

7.2 Confidentiality - data treatment

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.

8 Release policy

8.1 Release calendar

Not applicable

8.2 Release calendar access

Not applicable

8.3 User access

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.

9 Frequency of dissemination

Annual

10 Accessibility and clarity

10.1 News release

Annual News Release

https://www.stat.gov.mk/PrikaziSoopstenie_en.aspx?rbtxt=149

10.2	Publications
Not applicable	
10.3	On-line database
<p>https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Zemjodelstvo_OrganskoProizvodstvo/125_Zem_Mk_oRast_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef</p> <p>https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Zemjodelstvo_OrganskoProizvodstvo/130_Zem_Mk_DobitocnoOrgPro_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef</p> <p>https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Zemjodelstvo_OrganskoProizvodstvo/135_Zem_Mk_PcelSemOrgProMed_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef</p>	
10.4	Micro-data access
<p>The use of microdata by external users is possible only for research purposes and is done in accordance with the Law on State Statistics (Article 41, Article 42 and Article 43). Access to anonymised microdata is defined by an internal procedure of the State Statistical Office "Access to anonymised microdata for scientific research purposes" (https://www.stat.gov.mk/ZaNas_en.aspx?id=22).</p>	
10.5	Other
<p>Time series of annual data: from 2013 have been sent to Eurostat via eDAMIS. At the request of users, data are also prepared in a form according to their needs.</p>	
10.6	Documentation on methodology
<p>Farming is considered to be organic if it complies with 'Council Regulation (EC) No 834/2007 of 28 June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) No 2092/91'.</p>	
10.7	Quality documentation
<p>Quality report is not produced.</p>	

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
<p>The State Statistical Office carries out 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 and international standards in statistical production ensures a high level of accuracy and comparability of data.</p>	
12	Relevance
12.1	User needs
<p>The data from the organic production survey are used by agricultural policy makers, the business community, agroeconomists, agronomists, farmers, organic producers, the non-governmental sector and other organizations.</p>	
12.2	User satisfaction
<p>Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.</p>	
12.3	Completeness
<p>Data are available from 2013 onwards. The SSO ensures around 80% of the indicators which are required by the Commission Regulation (EC) No. 834/2007.</p>	
13	Accuracy and reliability

13.1	Overall accuracy
The survey methodology and the data collection method ensure good coverage and accuracy of the data.	
13.2	Sampling error
Not applicable	
13.3	Non-sampling error
14	Timeliness and punctuality
14.1	Timeliness
T+ 10 months	
14.2	Punctuality
Not applicable	
15	Coherence and comparability
15.1	Comparability - geographical
There is a geographical comparability of nationally disseminated data. In terms of geographical comparability with other European countries, comparability is also provided because the data are collected in accordance with European regulations.	
15.2	Comparability - over time
Since 2013 onwards according to NACE Rev.2 and there is no interruption of the time series. The length of the comparable time series is 7 reference periods.	
15.3	Coherence - cross domain
Comparison with data from other data sources should be performed with caution. This is because the organic data set is based on administrative data, usually cover all production units certified and under conversion to organic at country level.	
15.4	Coherence - internal

Internal data coherence is ensured, the data is controlled and analyzed in the production process. Comparison with data from other data sources should be performed with caution. This is because the organic data set is based on administrative data, usually cover all production units certified and under conversion to organic at country level.

16 Cost and burden

There are no data collection costs or burden on reporting units as they are downloaded directly (electronically) from an administrative source.

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

Not applicable

18 Statistical processing

18.1 Source data

The data are collected through an administrative data source, provided from the Ministry of Agriculture, Forestry and Water Economy in accordance with the provisions of the Memorandum signed between the Ministry of Agriculture, Forestry and Water Economy and the State Statistical Office. The research is based on full coverage (total number of organic producers in the Republic of North Macedonia that have approval from a control / certification body authorized by the Ministry of Agriculture, Forestry and Water Economy).

18.2 Frequency of data collection

Annually

18.3 Data collection

Data on organic agricultural production are collected from an administrative source. The data are obtained by the Ministry of Agriculture, Forestry and Water

Economy in electronic format.	
18.4	Data validation
<p>Data validation is performed in accordance with the defined control criteria. Initial data validation is performed when obtaining the database of organic agricultural producers. Validation rules defined by Eurostat have also been applied. The data are compared and analyzed before their publication, on an aggregate level with the data published on the website of the Ministry of Agriculture, Forestry and Water Economy.</p>	
18.5	Data compilation
<p>The aggregated data are obtained by summarizing the individual data by types of agricultural products and by types of livestock at the level of the Republic of Macedonia. The imputation method was not used in the data processing.</p>	
18.6	Adjustment
Not applicable	
19	Comment
A.1	Annexes