

Statistical survey on organic production

AFF_ZE.ORG_A_EN_2021_1

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
Urim Abazi	
1.4	Contact person function
Junior Associate	
1.5	Contact mail address
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00389 2 3295 845	
1.8	Contact fax number
00389 2 3111 336	
2	Metadata update
2.1	Metadata last certified
21.09.2022	
2.2	Metadata last posted
21.09.2022	
2.3	Metadata last update
21.09.2022	

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.</p> <p>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. (if this is not the case, please specify the situation for North Macedonia). Here you can also add Detailed information on the indicators provided. <p>From 2020 onwards as well the data on organic production have also been enriched with data on yields.</p>	
3.2	Classification system
<p>National classification of activities NKD Rev.2.</p> <p>https://www.stat.gov.mk/Nacionalni_Klasifikacii2_en.aspx?rbr=1</p>	
3.3	Sector coverage
<p>Agricultural holdings that dispose of agricultural land under conversion or have already received a certificate of organic production from the relevant national certification bodies.</p>	
3.4	Statistical concepts and definitions
<p>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.</p> <p>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.</p>	

3.5	Statistical unit
Agricultural holdings.	
3.6	Statistical population
All individual agricultural holdings and legal entities which performe organic agricultural production and for that activity have approval by the control/certification authority (authorized by the Ministry of agriculture, forestry and watereconomy).	
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
Tons, 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>The exact name of the EC Regulation for the relevant survey is stated.</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 Septemxer 2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007</p>	

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>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
Not applicable	
8.2	Release calendar access
Not applicable	
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.</p>	
9	Frequency of dissemination
Annual	
10	Accessibility and clarity
10.1	News release
Not applicable	
10.2	Publications
Not applicable	
10.3	On-line database

http://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Zemjodelstvo_OrganskoProizvodstvo/125_Zem_Mk_oRast_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef

https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Zemjodelstvo_OrganskoProizvodstvo/130_Zem_Mk_DobitocnoOrgPro_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef

https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Zemjodelstvo_OrganskoProizvodstvo/135_Zem_Mk_PcelSemOrgProMed_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef

10.4 Micro-data access

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).

10.5 Other

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.

10.6 Documentation on methodology

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'.

10.7 Quality documentation

Quality report is not produced.

11 Quality management

11.1 Quality assurance

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.aspx>).

11.2 Quality assessment

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.

12 Relevance

12.1	User needs
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.	
12.2	User satisfaction
Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.	
12.3	Completeness
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.	
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

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.

18.5	Data compilation
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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.

18.6	Adjustment
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Not relevant.

19	Comment
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A.1	Annexes
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