

Reference Metadata in ESMS 2.0 structure

Statistical survey on organic production	
AFF_ZE.ORG_A_EN_2024_1	
Reference Metadata in ESMS 2.0 structure	
<b>1</b>	<b>Contact</b>
<b>1.1</b>	<b>Contact organisation</b>
State Statistical Office	
<b>1.2</b>	<b>Contact organisation unit</b>
Department for agriculture, forestry, hunting and fishing and farm register	
<b>1.3</b>	<b>Contact name</b>
Urim Abazi	
<b>1.4</b>	<b>Contact person function</b>
<b>1.5</b>	<b>Contact mail address</b>
Dame Gruev 4, 1000 Skopje, Republic of North Macedonia	
<b>1.6</b>	<b>Contact email address</b>
urim.abazi@stat.gov.mk	
<b>1.7</b>	<b>Contact phone number</b>
00389 2 3295 649	
<b>1.8</b>	<b>Contact fax number</b>
00389 2 3111 336	
<b>2</b>	<b>Metadata update</b>
<b>2.1</b>	<b>Metadata last certified</b>
01/07/2025	
<b>2.2</b>	<b>Metadata last posted</b>
01/07/2025	
<b>2.3</b>	<b>Metadata last update</b>
01/07/2025	

<b>3</b>	<b>Statistical presentation</b>
<b>3.1</b>	<b>Data description</b>
<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"> <li>- Number of organic operators such as producers (agricultural holdings, aquaculture production units), processors, importers, exporters and other operators (wholesalers, retailers, etc.)</li> <li>- Organic crop area under conversion and fully converted</li> <li>- Organic crop production from fully converted area</li> <li>- Number of organic livestock</li> <li>- Volume of organic products of animal origin</li> <li>- Volume of organic aquaculture production</li> <li>- Number of operators processing products issued from organic farming (based on NACE classification).....and etc.</li> </ul> <p>From 2020 onwards as well the data on organic production have also been enriched with data on yields.</p>	
<b>3.2</b>	<b>Classification system</b>
<p><b><u>National clasiffication of activities NKD Rev.2.1</u></b></p> <p><b><u>Nomenclature of agricultural products, forestry, hunting and fishing and related services (NZSRU).</u></b></p>	
<b>3.3</b>	<b>Sector coverage</b>
<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>	
<b>3.4</b>	<b>Statistical concepts and definitions</b>
<p><b>Organic production</b> 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><b>Organic production in transition</b> - transition from inorganic to organic agricultural production in a certain period of time in which the rules of organic production apply.</p>	

<b>3.5</b>	<b>Statistical unit</b>
Agricultural holdings.	
<b>3.6</b>	<b>Statistical population</b>
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).	
<b>3.7</b>	<b>Reference area</b>
Republic of North Macedonia	
<b>3.8</b>	<b>Time coverage</b>
Data are available from 2013 onwards.	
<b>3.9</b>	<b>Base period</b>
Not applicable	
<b>4</b>	<b>Unit of measure</b>
Hectares, tonnes and number	
<b>5</b>	<b>Reference period</b>
Annual	
<b>6</b>	<b>Institutional mandate</b>
<b>6.1</b>	<b>Legal acts and other agreements</b>
<p><b>NATIONAL LEGISLATION</b></p> <p><b><u>Law on State Statistics</u></b> ("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)</p> <p><b><u>Programme of Statistical Surveys 2023-2027</u></b> ("Official Gazette of the Republic of North Macedonia" No. 29/23 and 57/25)</p> <p><b>EUROPEAN LEGISLATION</b></p> <p><b><u>Commission Regulation (EC) No 889/2008</u></b> 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>	
<b>6.2</b>	<b>Data sharing</b>
<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>	

<b>7</b>	<b>Confidentiality</b>
<b>7.1</b>	<b>Confidentiality - policy</b>
<p>1. The protection of individual data regulated by the <u><b>Law on State Statistics</b></u></p> <p>2. The basic principles and activities undertaken to ensure data confidentiality are described in the <u><b>Policy on Statistical Confidentiality</b></u>.</p>	
<b>7.2</b>	<b>Confidentiality - data treatment</b>
Pursuant to Article 38 of the <u><b>Law on State Statistics</b></u> and the <u><b>Policy on Statistical Confidentiality</b></u> , individual data are not published.	
<b>8</b>	<b>Release policy</b>
<b>8.1</b>	<b>Release calendar</b>
The date of publication of the data is determined in the Calendar for the publication of Announcements, which is updated quarterly.	
<b>8.2</b>	<b>Release calendar access</b>
<u><b>Release calendar</b></u>	
<b>8.3</b>	<b>User access</b>
All users have equal access to the statistical surveys: it means that release dates are published in advance and users have not access before their releasing. Statistical data first are published in the edition " <u><b>Releases</b></u> " on the web page of the Statistical office in the 12:00	
<b>9</b>	<b>Frequency of dissemination</b>
Annual	
<b>10</b>	<b>Accessibility and clarity</b>
<b>10.1</b>	<b>News release</b>
News Releases are published and they are available on the website of the SSO in the section: " <u><b>News Releases</b></u> ".	
<b>10.2</b>	<b>Publications</b>
<u><b>Statistical Yearbook</b></u>  <u><b>Makstat Selection, 2024</b></u>	
<b>10.3</b>	<b>On-line database</b>
<b>Total organic areas with organic crops, by years</b>  <a href="https://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/125_Zem_Mk_oRast_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef</a>	

## Livestock and livestock organic production, by years

[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/130_Zem_Mk_DobitocnoOrgPro_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef)

## Number of bee families and honey with organic production, by years

[https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat\\_Zemjodelstvo\\_OrganskoProizvodstvo/135\\_Zem\\_Mk\\_PcelSemOrgProMed\\_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 "**Rules for access to anonymised microdata for scientific research purposes**"

### 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 from SSO to EUROSTAT

## 11 Quality management

### 11.1 Quality assurance

The quality of the products and services in the SSO is ensure with the guidelines of the **Code of Practice of the EU Statistics** and the **ESS Quality Assurance Framework**.

Quality criteria are also described in the **State statistical law** in the Article 46 and 4v.

The quality of the processes and products in the State Statistical Office is ensured by adhering to the **European Statistics Code of Practice** and the Quality Assurance.

Framework within the European Statistical System (ESS Quality Assurance Framework). The quality criteria are also determined in the **Law on State Statistics** in Article 4b and Article 4c

### 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

<b>12.1</b>	<b>User needs</b>
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.	
<b>12.2</b>	<b>User satisfaction</b>
Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.	
<b>12.3</b>	<b>Completeness</b>
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.	
<b>13</b>	<b>Accuracy and reliability</b>
<b>13.1</b>	<b>Overall accuracy</b>
The survey methodology and the data collection method ensure good coverage and accuracy of the data.	
<b>13.2</b>	<b>Sampling error</b>
Not applicable	
<b>13.3</b>	<b>Non-sampling error</b>
100% coverage is ensured.	
<b>14</b>	<b>Timeliness and punctuality</b>
<b>14.1</b>	<b>Timeliness</b>
T+ 10 months	
<b>14.2</b>	<b>Punctuality</b>
All data are published according the Release calendar and timely sent to EUROSTAT	
<b>15</b>	<b>Coherence and comparability</b>
<b>15.1</b>	<b>Comparability - geographical</b>
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.	
<b>15.2</b>	<b>Comparability - over time</b>
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.	
<b>15.3</b>	<b>Coherence - cross domain</b>
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.	
<b>15.4</b>	<b>Coherence - internal</b>
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.	
<b>16</b>	<b>Cost and burden</b>
There are no data collection costs or burden on reporting units as they are downloaded directly (electronically) from an administrative source.	
<b>17</b>	<b>Data revision</b>
<b>17.1</b>	<b>Data revision - policy</b>
Data revision is made in accordance with the <b><u>Statistical Data Revision Policy</u></b> of the SSO	
<b>17.2</b>	<b>Data revision - practice</b>
No data revision is performed.	
<b>18</b>	<b>Statistical processing</b>
<b>18.1</b>	<b>Source data</b>
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).	
<b>18.2</b>	<b>Frequency of data collection</b>
Annually	
<b>18.3</b>	<b>Data collection</b>
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.	
<b>18.4</b>	<b>Data validation</b>
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.	
<b>18.5</b>	<b>Data compilation</b>
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
Not applicable	
19	Comment
A.1	Annexes

