

Reference Metadata in ESMS 2.0 structure

# Statistical survey on purchase of agricultural products from individual agricultural producers

AFF\_ZE.TRG.31\_M\_EN\_2024\_12

## Reference Metadata in ESMS 2.0 structure

|   |                                  |
|---|----------------------------------|
| <b>1</b>  | <b>Contact</b>                   |
| Aleksandar Popov  |                                  |
| <b>1.1</b>  | <b>Contact organisation</b>      |
| State Statistical Office  |                                  |
| <b>1.2</b>  | <b>Contact organisation unit</b> |
| Department of Agriculture, Forestry, Hunting, Fishing and Register of Agricultural Holdings |                                  |
| <b>1.3</b>  | <b>Contact name</b>              |
| Aleksandar Popov  |                                  |
| <b>1.4</b>  | <b>Contact person function</b>   |
| Senior associate  |                                  |
| <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>     |
| aleksandar.popov@stat.gov.mk  |                                  |
| <b>1.7</b>  | <b>Contact phone number</b>      |
| 003892 3295 634;  |                                  |
| <b>1.8</b>  | <b>Contact fax number</b>        |
| 0038923111336   |                                  |
| <b>2</b>  | <b>Metadata update</b>           |
| <b>2.1</b>  | <b>Metadata last certified</b>   |
| 15/05/2025  |                                  |
| <b>2.2</b>  | <b>Metadata last posted</b>      |

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|--|---|
| 15/05/2025   |   |
| <b>2.3</b>   | <b>Metadata last update</b>                 |
| 15/05/2025   |   |
| <b>3</b>   | <b>Statistical presentation</b>             |
| <b>3.1</b>   | <b>Data description</b>                     |
| Value and quantity of purchased agricultural products from individual agricultural producers.  |   |
| <b>3.2</b>   | <b>Classification system</b>                |
| National Classification of Activities - NKD Rev.2;   |   |
| Nomenclature of agricultural products, forestry products, hunting and fishing and related services, NSSHRU.  |   |
| <b>3.3</b>   | <b>Sector coverage</b>                      |
| Sector A - Agriculture, forestry and fisheries, section 01 - Crop and animal production, hunting and related service activities, according to NKD, Rev.2.  |   |
| <b>3.4</b>   | <b>Statistical concepts and definitions</b> |
| Purchase of agricultural products by individual agricultural producers means the purchase or acquisition of agricultural products directly from individual agricultural producers for processing or sale.  |   |
| The aim of the study is to provide statistical data on the purchase of agricultural products in the territory where the purchase was made, expressed in quantities and value. For this purpose, the following data are collected for agricultural products, i.e. product groups:   |   |
| <ul style="list-style-type: none"> <li>• <i>quantities of agricultural products purchased during the reporting month;</i></li> <li>• <i>the value of agricultural products purchased;</i></li> <li>• <i>and average values per unit of measure of agricultural products purchased during the reporting month.</i></li> </ul> |   |
| <b>3.5</b>   | <b>Statistical unit</b>                     |
| Individual agricultural producers  |   |
| <b>3.6</b>   | <b>Statistical population</b>               |
| Business entities that make purchases and belong to sector A (section 01) of NKD Rev.2, purchased by individual agricultural producers.  |   |
| <b>3.7</b>   | <b>Reference area</b>                       |
| Republic of North Macedonia  |   |
| <b>3.8</b>   | <b>Time coverage</b>                        |
| From January 1996 onwards.   |   |
| <b>3.9</b>   | <b>Base period</b>                          |

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| Not applicable.  |   |
| <b>4</b>   | <b>Unit of measure</b>                  |
| denars,<br>tons,<br>kilograms,<br>pieces,<br>liters.   |   |
| <b>5</b>   | <b>Reference period</b>                 |
| Month  |   |
| <b>6</b>   | <b>Institutional mandate</b>            |
| <b>6.1</b>   | <b>Legal acts and other agreements</b>  |
| <p><b>National:</b> <u><b>Law on State Statistics</b></u> ("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 and "Official Gazette of the Republic of North Macedonia" No. 31/20),</p> <p><u><b>Programme of Statistical Surveys 2023-2027</b></u> ("Official Gazette of the Republic of North Macedonia" No. 29/23 and 57/25)</p> <p><b>International:</b> <u><b>Regulation (EU) 2022/2379 of the European Parliament and of the Council</b></u></p> |   |
| <b>6.2</b>   | <b>Data sharing</b>                     |
| Not applicable.  |   |
| <b>7</b>   | <b>Confidentiality</b>                  |
| <b>7.1</b>   | <b>Confidentiality - policy</b>         |
| <p>1. The protection of individual data is 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>                 |
| Data are released in accordance with the Release Calendar, which is updated quarterly.   |   |

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| <b>8.2</b>  | <b>Release calendar access</b>    |
| <b><u>Release calendar</u></b>  |                                   |
| <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 " <b><u>Releases</u></b> " on the web page of the Statistical office in the 12:00.   |                                   |
| <b>9</b>  | <b>Frequency of dissemination</b> |
| quarterly.  |                                   |
| <b>10</b>   | <b>Accessibility and clarity</b>  |
| According the Dissemination strategy, News releases are published on the web page of SSO, under the chapter " <b><u>News Releases</u></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: " <b><u>News Releases</u></b> ".   |                                   |
| <a href="https://stat.mk/en/stat/agriculture/economic-accounts-for-agriculture/purchase-and-sale-of-agricultural-products-quarterly-data/purchase-and-sale-of-agricultural-products-first-quarter-2025/">https://stat.mk/en/stat/agriculture/economic-accounts-for-agriculture/purchase-and-sale-of-agricultural-products-quarterly-data/purchase-and-sale-of-agricultural-products-first-quarter-2025/</a> |                                   |
| <b>10.2</b>   | <b>Publications</b>               |
| <b><u>Statistical yearbook</u></b>  |                                   |
| <a href="#">Regions of the Republic of North Macedonia</a>  |                                   |
| <a href="#">North Macedonia in figures</a>  |                                   |
| <a href="#">Makstat Selection</a>   |                                   |
| <a href="#">Environmental statistics</a>  |                                   |
| <b>10.3</b>   | <b>On-line database</b>           |
| <b><u>MakStat database, Crop Production</u></b> .   |                                   |
| <b>10.4</b>   | <b>Micro-data access</b>          |
| Data collected for the purpose of official statistics may be used for scientific purposes according to the <b><u>Law on State Statistics</u></b> (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** ".

## 10.5 Other

At the request of users, data are also prepared in a form according to their needs

## 10.6 Documentation on methodology

Methodological explanation,

Purchase and sale of agricultural products, by months. PxWeb

## 10.7 Quality documentation

Quality report is not produced.

# 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

## 12.1 User needs

The data are used by agricultural policy makers, the business community, agro-economists, agronomists, farmers, the NGO 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

With regard to the indicators provided under Regulation No. 1165/2008 of the European Commission, the DZS provides about 90% of them.

# 13 Accuracy and reliability

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|---|-------------------------------------|
| <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>           |
| Coverage Errors: Provide full coverage on an annual basis. Data providers are promptly reminded of the fulfillment of their obligation. Processing errors: Rules are implemented in the processing application for controls and calculations of the output data. Nonresponse Errors: Given the overall coverage provided, there are no nonresponse errors. Due to the specificity of the problem, no imputation is performed.   |                                     |
| <b>14</b>   | <b>Timeliness and punctuality</b>   |
| <b>14.1</b>   | <b>Timeliness</b>                   |
| T + 45 days from the last month in the quarter.   |                                     |
| <b>14.2</b>   | <b>Punctuality</b>                  |
| The data are published on the day announced in the Advance Release Calendar.  |                                     |
| <b>15</b>   | <b>Coherence and comparability</b>  |
| <b>15.1</b>   | <b>Comparability - geographical</b> |
| Data are produced on national level.  |                                     |
| <b>15.2</b>   | <b>Comparability - over time</b>    |
| A national data series since 1949.  |                                     |
| A 2007 regional data series.  |                                     |
| <b>15.3</b>   | <b>Coherence - cross domain</b>     |
| Comparisons of the data at the micro and macro levels are made with the data from the survey "Monthly Report on Prices of Agricultural Producers" (ZEM.A)."   |                                     |
| The data are currently analysed and compared at the micro level with the data from the Structural Survey on Agricultural Holdings (SIRS.1), while comparisons at the macro level are made with the data from the Monthly Report on Sales of Agricultural Products by Individual Agricultural Producers (TWG.33) and the Monthly Report on Slaughtered Livestock and Poultry in Slaughterhouses (TWG.52). The data is coherent." |                                     |
| <b>15.4</b>   | <b>Coherence - internal</b>         |
| Internal data coherence is ensured.   |                                     |
| <b>16</b>   | <b>Cost and burden</b>              |
| not calculated.   |                                     |

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| <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 of the SSO</u></b> .   |                                     |
| <b>17.2</b>  | <b>Data revision - practice</b>     |
| Not applicable.  |                                     |
| <b>18</b>  | <b>Statistical processing</b>       |
| <b>18.1</b>  | <b>Source data</b>                  |
| The survey is based on the full scope of those business entities that purchase agricultural products from individual agricultural producers.   |                                     |
| <b>18.2</b>  | <b>Frequency of data collection</b> |
| Monthly.   |                                     |
| <b>18.3</b>  | <b>Data collection</b>              |
| The data from the research are collected by self-filling method in the statistical questionnaire "Monthly report on purchase of agricultural products from individual agricultural producers" (ZE.TRG.31). The completed questionnaires are submitted by mail to the regional statistical departments no later than the 20th of the following month, where the data and scope are checked and submitted to the State Statistical Office. |                                     |
| <b>18.4</b>  | <b>Data validation</b>              |
| Data verification is performed in accordance with the defined control criteria. Initial verification of the data is performed in the regional statistical departments upon receipt of the completed questionnaires. The finished data is also checked before their publication.  |                                     |
| <b>18.5</b>  | <b>Data compilation</b>             |
| 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.   |                                     |
| <b>18.6</b>  | <b>Adjustment</b>                   |
| No data adjustment.  |                                     |
| <b>19</b>  | <b>Comment</b>                      |
| <b>A.1</b>   | <b>Annexes</b>                      |