

Reference Metadata in ESMS 2.0 structure

Statistical survey on prices of reproductive materials, means of production and services in agriculture

P_ZE.C.I_M_EN_2021_12

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for price.	
1.3	Contact name
Biljana Ristovska	
1.4	Contact person function
Adviser	
1.5	Contact mail address
Dame Gruev 4, 1000 Skopje, Republic of Macedonia	
1.6	Contact email address
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1.7	Contact phone number
00389 2 3295-760	
1.8	Contact fax number
00389 2 3111 336	
2	Metadata update
2.1	Metadata last certified
20/10/2022	
2.2	Metadata last posted
20/10/2022	

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2.3 Metadata last update

20/10/2022

3 Statistical presentation

3.1 Data description

Indices of input (total),

price indices of livestock and services for current consumption in agriculture (input 1) and price indices of livestock and services intended for investment in agriculture (input 2)

3.2 Classification system

-National Classification of Activities: NKD Rev.2;

-Nomenclature of agricultural products, forestry, hunting and fishing and related services (NZSRU); -National nomenclature of industrial products (NNIP).

3.3 Sector coverage

Section:

G/E - Wholesale and retail trade; repair of motor vehicles and motorcycles,

Divisions 46 - Wholesale trade,

Divisions 47 - Retail trade.

3.4 Statistical concepts and definitions

Selling prices of products are the prices at which wholesale and retail traders and producers of raw materials sell products to agricultural enterprises and individual farmers at the place of the seller. Wholesale rebates and discounts are not included in the selling price. The value of the packaging, which is calculated separately, is also deducted from the selling price. The selling price does not include value added tax (VAT). The price is taken from the price list of sold products and services which were valid in the period for which the report was compiled.

3.5 Statistical unit

Reporting units: Business entities which belong to Section G (Divisions 46; 47).

Units of observation: Reproductive material, working assets and services performed in agriculture according to the Nomenclature of agricultural products, forestry, hunting and fishing and related services (NZSHRU) and the National nomenclature of industrial products (NNIP).

3.6 Statistical population

Reproductive material, working assets and services performed in agriculture (NZSHRU and NNIP) of the business entities which belong to Section G (Divisions 46; 47)

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3.7	Reference area
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NTES 1 i 2 (Republic of North Macedonia)

3.8	Time coverage
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-Since January 2005 (2015=100) NKD Rev2.

3.9	Base period
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2015=100

4	Unit of measure
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Index

5	Reference period
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Monthly.

6	Institutional mandate
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6.1	Legal acts and other agreements
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NATIONAL LEGISLATION

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 and "Official Gazette of the Republic of North Macedonia" No. 31/20) (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx)

Programme of Statistical Surveys 2018-2022 ("Official Gazette of RM" No. 22/18, 224/18 and "Official Gazette of the Republic of North Macedonia" No. 18/20 and 300/20.) (https://www.stat.gov.mk/ZaNas_en.aspx?id=8)

-International:

Handbook for EU Agricultural Price Statistics Version 2.0 March 2008

6.2	Data sharing
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-Indexes are sent (via e-DAMIS) to EUROSTAT.

State Statistical Office

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. However, if access is granted to microdata from the relevant survey, then the methods used to prevent data disclosure should be specified.

8**Release policy****8.1****Release calendar**

The date of data publication is determined in the Advance Release Calendar, which is updated quarterly.

8.2**Release calendar access**

http://www.stat.gov.mk/Kalendar_en.aspx

8.3**User access**

All users have equal access to statistics at the same time: this means that the publication dates are announced in advance and no user has access to official statistics before they are published. Statistical data are first published in the "News Releases" edition on the website of the State Statistical Office at 12:00.

9**Frequency of dissemination**

Monthly.

10**Accessibility and clarity**

10.1 News release

In accordance with the Dissemination Strategy

(<http://www.stat.gov.mk/Dokumenti/strategii/StrategijaDiseminacija2014-2016en.pdf>),

news releases are published monthly and they are available on the website of the SSO in the section: "News Releases".

10.2 Publications

Statistical Yearbook (link: https://www.stat.gov.mk/PrikaziPublikacija_1_en.aspx?rbr=845)

10.3 On-line database

MAKStat database available on the website of the SSO-price.

<http://makstat.stat.gov.mk/PXWeb/pxweb/mk/MakStat/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef>

Number of page views in the MAKStat database - 108.

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

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

10.6 Documentation on methodology

Methodological explanations are published on the website of the SSO

<http://www.stat.gov.mk/MetodoloskiObjasSoop.aspx?id=43&rbrObl=15>

10.7 Quality documentation

A Quality Report is prepared after the final processing and dissemination of the data.

The report is prepared in accordance with the internal manuals and is only for internal usage.

Last Updated Quality Report to Eurostat is for 2014

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 Statistics Code of Practice (https://www.stat.gov.mk/ZaNas_en.aspx?id=2) and the Quality Assurance Framework within the European Statistical System (ESS 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).

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 on price indices of reproductive material, the working assets and services performed in agriculture are used by the business community and the Government:

- As an economic indicator.

The indices cover price movements, making it possible to forecast the corresponding changes in trade prices. They may occur as an initial indicator of inflationary pressures in the economy. These data are used in the formulation of fiscal and monetary policy.

- As a deflator of other economic series:

The indices are used to adjust other economic time series of price changes.

The indexes are used for comparison with other states.

12.2 User satisfaction

Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.

12.3 Completeness

In terms of the indicators required by the Handbook for EU Agricultural Price Statistics Version 2.0 March 2008, the SSO provides about 80% of them.

13 Accuracy and reliability

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13.1 Overall accuracy

Data accuracy is ensured by working on decreasing non-sampling errors and sampling errors (in a case when survey is based on random sample), as well as with additional data comparisons and analysis before dissemination.

13.2 Sampling error

Survey is conducted with non-probability sample and there is no calculation of sampling errors

13.3 Non-sampling error

Coverage errors:This statistical survey provides a 100% coverage. Data providers timely remind themselves of fulfilling their obligation. When in the current month there is no realization of a particular product (the price in such case is 0), an imputation of the price of the particular product from the previous month is made. All data for this statistical survey are collected with a statistical template (administrative sources are not used).

Measurement Errors:There are no errors in data collection. The differences in the values of the collected data with the actual data are currently processed and no measurement is performed.

Processing errors:The processing application has implemented rules for the controls and calculations of the output data. The collected data on the selling prices, when entering, are logically controlled, deviations of prices are checked compared to the previous month, the reporting units are contacted, the output data is checked and analyzed. No errors are measured in the data processing.

Non-response errors:his statistical survey provides full coverage, there are no mistakes in the non-response.

Supercontrol model errors: Not applicable.

14 Timeliness and punctuality

14.1 Timeliness

The indices of prices of reproductive material, labor and services performed in agriculture are published no later than 30 days after the end of the reference period as final data.

Time difference to the definitive results = T + 30.

14.2 Punctuality

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

15 Coherence and comparability

15.1 Comparability - geographical

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There is geographical comparability of the released data at national and regional level. With respect to geographical comparability with other EU countries, it is also ensured because data are collected in line with EU regulations.

15.2 Comparability - over time

Time series from January 2005 (2015=100) with no break in the time series.

Number of reference periods in the time series from the last break: 132.

15.3 Coherence - cross domain

Cross-domain coherence is partially ensured.

15.4 Coherence - internal

Internal coherence of data is ensured.

16 Cost and burden

Not calculated.

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

The data are final (final) when first published.

Data revision is done by changing the base year and changing the nomenclatures.

The rebuild of the data series calculated with the old base year is done when each individual monthly index is multiplied by the coefficient that serves as a Chain factor, and thus the data series is adjusted (re-bounced) to the new base year.

18 Statistical processing

18.1 Source data

"This statistical survey is a sample survey. The sample of reproductive material, working assets and services performed in agriculture is selected from business entities that fill in ""Quarterly report on purchase prices of reproduction material, working assets and services in agriculture"" (C. 52), 2015. The sample of the enterprises in Section G (Divisions 46, 47) dealing with reproductive material, working assets and services performed in agriculture has been selected from the Statistical Business Register since 2015. The monthly report on the prices of

reproductive material, working assets and services performed in agriculture (ZE.C.I) covers businesses from Section G (Divisions 46, 47) that sell reproductive materials, work tools and provide services in agriculture."

18.2 Frequency of data collection

Monthly.

18.3 Data collection

"The data on the prices of reproductive material, working assets and services performed in agriculture are collected with the statistical questionnaire ""Monthly report on prices of reproductive material, working assets and services performed in agriculture"" (ZE.C.I). Data on monthly selling prices on the 15th of the current month are completed and forwarded to the SSO no later than the 30th of the month."

18.4 Data validation

Verification of the data is done in accordance with the defined control criteria. Verification of the data is done before and after they were entered. For any deviation, the respondents of the survey units are contacted. Verification is also done on finished indices prior to their publication.

18.5 Data compilation

Editing: The statistical survey is conducted monthly on a sample basis. Data collection is done through the regional departments of statistics, while control and data processing is performed in the Central Office.

Imputation: There is an imputation of non-response with data from the previous period.

Weights: Weighting is made with three-year average of intermediate consumption derived from the Economic Accounts for Agriculture for each product that will be observed in the coming period of 5 (five) years. The weights are changed every five years.

18.6 Adjustment

Not applicable, no adjustment is made to the time series and seasonal adjustment of the data.

19 Comment

No comment.

A.1 Annexes