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Reference Metadata in ESMS 2.0 structure

Statistical survey on industrial producer prices, on the non-domestic market

P_C.IZVOZ_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 prices	
1.3	Contact name
Elizabeta Trajkovska	
1.4	Contact person function
Senior Associate	
1.5	Contact mail address
Dame Gruev 4, 1000 Skopje, Republic of North Macedonia	
1.6	Contact email address
elizabeta.trajkovska@stat.gov.mk	
1.7	Contact phone number
00389 2 3295 660	
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	
2.3	Metadata last update

State Statistical Office

20/10/2022	
3	Statistical presentation
3.1	Data description
<p>Industrial producer price indices on the non-domestic market (are calculated total, by main industrial groups, sections, divisions and groups).</p> <p>The industrial producer price indices on the non-domestic measure the changes of the industrial producer price levels of the industrial products/services produced in country, and sold on the non-domestic market.</p>	
3.2	Classification system
<p>National Classification of Activities - NKD Rev.2 Classification of Products by Activities - KPD, National Nomenclature of Industrial Products - NNIP, Main Industrial Groupings - GIG, Customs Tariff.</p>	
3.3	Sector coverage
<p>Sections: B - Mining and quarrying, C - Manufacturing, D - Electricity, gas, steam and air conditioning supply (group 35.1), E - Water supply; sewerage, waste management and remediation activities.</p> <p>Industrial producer prices on the non-domestic market in section D and division E36 by NKD Rev.2 are not included (no occurrence).</p>	
3.4	Statistical concepts and definitions
<p>The Industrial producer price on the non-domestic market is the price at which the producer sells the products in the largest quantities, on the non-domestic market, with FOB (free on board) clause, which means that the cost of transport and insurance to the Macedonian border are included in the price. Commercial rebates by the seller are deducted from this price. VAT is also deducted from the price.</p> <p>The average monthly price of a product/service is calculated when the total monthly value (according to the definition given above) of that product/service sold on the non-domestic market is divided by the total quantity of the same product/service sold on the non-domestic market in that month.</p>	
3.5	Statistical unit
<p>Each individual industrial product according to the Customs Nomenclature and National Nomenclature of Industrial Products (NNIP), which belong to some of sections B, C, from NKD Rev.2, produced by enterprises and sold on the non-domestic market.</p>	
3.6	Statistical population

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Industrial products according to the Customs Nomenclature and National Nomenclature of Industrial Products (NNIP), which belong to sections B, C according to the NKD Rev.2, produced by enterprises and sold on the non-domestic market.	
3.7	Reference area
Republic of North Macedonia	
3.8	Time coverage
Since January 2010 (2015=100) by NKD Rev.2.	
3.9	Base period
2015 =100.	
4	Unit of measure
Indices.	
5	Reference period
Month.	
6	Institutional mandate
6.1	Legal acts and other agreements
<p>National:</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 and 220/18 and "Official Gazette of the Republic of North Macedonia" No. 31/20), https://www.stat.gov.mk/ZakonZaStatistika_en.aspx</p> <p>Programme of Statistical Surveys 2018-2022 ("Official Gazette of the Republic of Macedonia" 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</p> <p>International:</p> <p>Council Regulation 1165/98 COMMISSION REGULATION (EC) No 1503/2006 of 28 September 2006 implementing and amending Council Regulation (EC) No 1165/98 Regulation (EU) 2019/2152 on European business statistics, and it's implementing Regulation 2020/1197 laying down technical specifications. Eurostat Methodology of short-term business statistics, 2006.</p>	
6.2	Data sharing
Indices are sent (via eDAMIS) to Eurostat.	

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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. However, if access is granted to microdata from the relevant survey, then the methods used to prevent data disclosure should be specified.</p>	
8	Release policy
8.1	Release calendar
<p>Data are released in accordance with the Release Calendar, which is published on the web site of the State Statistical Office.</p> <p>The Release Calendar is prepared annually before the beginning of each year.</p>	
8.2	Release calendar access
<p>http://www.stat.gov.mk/Kalendar_nov_en.aspx</p>	
8.3	User access
<p>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.</p>	
9	Frequency of dissemination
<p>Monthly.</p>	
10	Accessibility and clarity
10.1	News release

In accordance with the Dissemination Strategy

<https://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 this section: "News Releases".

Release "Industrial producer price indices on the non-domestic market".

https://www.stat.gov.mk/PrethodniSoopstenijaOblast_en.aspx?id=114&rbrObl=15

10.2 Publications

Publications:

Monthly statistical bulletin

http://www.stat.gov.mk/PublikaciiPoOblast_en.aspx?id=28&rbrObl=37

Statistical Yearbook

http://www.stat.gov.mk/PublikaciiPoOblast_en.aspx?id=34&rbrObl=37

10.3 On-line database

MAKStat-database - Prices.

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

10.4 Micro-data access

According to the Law on State Statistics http://www.stat.gov.mk/ZakonZaStatistika_en.aspx (Article 41) and the Policy on Access to Anonymised Microdata for scientific purposes,

http://www.stat.gov.mk/ZaNas_en.aspx?id=22, data collected for the purpose of official statistics may be used for scientific purposes if there is no risk of direct or indirect identification, i.e.

disclosure of data individuality. Access to microdata is possible only in the safe room at the SSO, based on a submitted and approved request and a signed agreement.

10.5 Other

At the request of users, data are also prepared in a form according to their needs. Survey data are sent to Eurostat and they are released on the web site of this institution.

10.6 Documentation on methodology

The methodological explanations are released on the State Statistical Office
https://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=114&rbrObl=15

Methodology of short-term business statistics by Eurostat
<https://circabc.europa.eu/sd/a/fd45995c-7bfd-4db0-986e-14ac23072343/Methodological%20manual%202006%20KS-BG-06-001-EN.pdf>

10.7 Quality documentation

https://www.stat.gov.mk/Meta_godini_en.aspx

11 Quality management

11.1 Quality assurance

The commitment of the SSO to ensuring quality of products and services is described in the Law on State Statistics, the Strategy of the State Statistical Office http://www.stat.gov.mk/ZakonZaStatistika_en.aspx , Strategic Plan of the State Statistical Office http://www.stat.gov.mk/ZaNas_en.aspx?id=6 and the Quality Policy of the State Statistical Office http://www.stat.gov.mk/pdf/Politika_za_kvalitet_en.pdf , as well as in the continuous efforts for harmonisation with the European Statistics Code of Practice http://www.stat.gov.mk/ZaNas_en.aspx?id=2 .

The main aspects and procedures for quality management in the phases and sub-phases of the Statistical Business Process Model, as well as the good practices for ensuring quality are documented in the internal document called Guide for ensuring quality of statistical processes.

Input and output metadata, as well as relevant quality indicators for certain sub-processes are described in the document Guide for survey managers.

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 ProcessModel (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 the Industrial producer price indices are used by both the business community and the government:

-As an economic indicator: The indices capture price movements, which enable to foresee the price changes on the trade market. They can be an early indicator of inflationary pressures in the economy. These data are used in formulating fiscal and monetary policies.

- As a deflator of other economic series: The indices are used to adjust other economic time series for price changes.

- As the basis for indexing prices in contracts: The indices are commonly used in indexing purchase and sales contracts. These contracts typically specify amounts of money to be paid at some point in the future. It may be agreed to include an indexation clause that takes account of changes in prices.

The indices are used for comparison with other countries (the main reason for transmission to Eurostat).

12.2 User satisfaction

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

12.3 Completeness

According to the regulations given in concept 6.1, the State Statistical Office provides all required data.

13 Accuracy and reliability

13.1 Overall accuracy

Data accuracy is ensured by working on decreasing sampling and/or non-sampling errors, as well as with additional data comparisons and analysis before dissemination.

13.2 Sampling error

The survey is conducted purposely selected sample and no measurement is made of the sampling errors.

13.3 Non-sampling error

Coverage errors: Data providers are reminded in a timely manner to fulfil their obligation.
 Specification errors: When there are changes in specification the base price is adjusted.
 Data processing errors: Rules for control and calculation of output data are implemented in the data processing application.
 Non-response errors: As provided full coverage, non-response errors in there. When the current month is no realization of a specified product (the price in such a case is 0) is performed imputation price of the product in the previous month.
 Coverage errors: In this statistical survey, over-enumerated units are practiced in relation to the target population from which the output data is calculated. Uptake units are used to update target population units (replacement). All data for this statistical survey are collected using a statistical template (administrative sources are not used).

Measurement errors: There are no errors during data collection. The differences in the values of the collected data and the actual data are currently being processed and are not being measured.
 Errors in data processing: In data processing, collected data on producer prices, when entering, are logically controlled, price deviations compared to the previous month that are outside the range of $\pm 10\%$ are checked, reporting units are contacted, are they check and analyze the output data, and the control procedure is repeated for corrections. Errors are not measured during data processing.

14	Timeliness and punctuality
14.1	Timeliness
Indices of Industrial producer prices on the non-domestic market are published no later than 45 days (T+45) after the end of the reference period as definitive data.	
14.2	Punctuality
Data are disseminated within the established deadlines in accordance with the Release Calendar.	
15	Coherence and comparability
15.1	Comparability - geographical
The data are produced at the national level. Comparability is ensured at the international level.	
15.2	Comparability - over time
Time series from 2010 according to NKD Rev.2 (2015=100) and time series comparability is ensured.	
15.3	Coherence - cross domain
The data is coherent.	
15.4	Coherence - internal
Internal coherence of data is ensured.	
16	Cost and burden
Not calculated.	

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17	Data revision
17.1	Data revision - policy
<p>In accordance with the Statistical Data Revision Policy.</p> <p>http://www.stat.gov.mk/ZaNas_en.aspx?id=25</p>	
17.2	Data revision - practice
<p>Data revision is done with changes of the base year (every five years) and with changes in the classifications.</p>	
18	Statistical processing
18.1	Source data
<p>Source data: Statistical survey for Industrial producer price indices on the non-domestic market.</p> <p>The framework on which the data source is based: Statistical Business Register, Annual report on industry and Commodity international exchange. The method by which the data is collected: Sample, intentional. The sample is updated annually.</p>	
18.2	Frequency of data collection
<p>Monthly.</p>	
18.3	Data collection
<p>Data on industrial producer prices on the non-domestic market are collected with the statistical questionnaire "Monthly report on export prices (Industrial producer prices on the non-domestic market", (C.izvoz). Enterprises fill in data on average monthly prices for the current month and send the completed forms to the SSO, no later than the 15th of the month, for the previous month.</p>	
18.4	Data validation
<p>Validation of the data in the form: Upon receipt of the form (in Excel by e-mail) it is archived, recorded, controlled and entered with the application (in Access). The application implements the mandatory controls according to the defined validation rules. In case of errors and / or illogicalities, the data providers are contacted. It controls the coverage that should be 100% and the monthly price movements (compared to the previous month) that are outside the range of $\pm 10\%$. Output data validation: The output data (indices) are analyzed and confirmed, at the level of department, sector, main industrial group, compared to the previous month, the same month of the previous year. In terms of extreme values, the output data (indexes) are analyzed and confirmed at the elementary level (enterprise and specified industrial product).</p>	
18.5	Data compilation

State Statistical Office

Imputation: The prices of products that are not sold are taken from the previous month. If the product is not produced / sold, it is replaced with a similar product. At the beginning of the year, an annual update (replacement) of the sample of enterprises and specific industrial products is made.

18.6	Adjustment
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The time series is not adjusted and the data is not adjusted seasonally.

19	Comment
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A.1	Annexes
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