

Statistical survey on import prices from division Manufacture of coke and refined petroleum products (19)

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Reference Metadata in ESMS 2.0 structure

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3 Statistical presentation

3.1 Data description

Indices on import prices from division Manufacture of coke and refined petroleum products (19) measure the changes in the level of import prices for imported industrial products (petroleum products) belonging to division 19.

3.2 Classification system

Import prices of petroleum products are collected and processed according to the Classification of Products by Activities (KPD/2015) and the Customs Nomenclature.

The indices for division 19 are calculated and published according to the National Classification of Activities (NKD Rev.2) and by subcategories according to KPD/2015.

3.3 Sector coverage

Division 19 of the National Classification of Activities (NKD Rev.2) and subcategories according to the Classification of Products by Activities (KPD/2015):

19.20.21 Motor spirit (gasoline)

19.20.24 Spirit type and kerosene jet fuel

19.20.26 Gas oils

19.20.28 Fuel oils n.e.c

19.20.31 Propane and butane, liquefied

3.4 Statistical concepts and definitions

Data collection: The prices that are the basis for calculating the index are collected (taken) from statistical survey "Foreign Trade", (NT).

The selected imported products cover 87.02% of the total invoiced value of imported products belonging to division 19.

Prices: The average monthly import price for a product is calculated when the total invoiced value of that product in denars is divided by the total quantity of the same product per unit of measure in the relevant month..

The import prices of industrial products from the base period are calculated arithmetic mean of the monthly import prices in 2021.

Weighting: For weighting, invoiced value in denars from "Foreign Trade", 2021 is used.

The weights are changed every 5 years.

Calculations:

1. The monthly indices on import prices are calculated with the Laspeyres formula.

The index of import prices, at different levels of the NKD and KPD, is calculated in two steps:

- in the first step, the individual indices of each product are calculated (at the lowest 10-digit level of the Customs Nomenclature), for each individual price, as a ratio between the price of the current month and the base period price;
- in the second step, the individual indices of each product are compiled by weighting at a higher level (sub-category, division).

2. Besides the monthly index as a basic one, the following indices are also calculated and published:

- current month index compared to the previous month index,
- current month index compared to the index for December of the previous year,
- current month index compared to the same month index of the previous year,
- average monthly index including current month compared to the same average index of the previous year.

3.5	Statistical unit
<p>Secondary survey. Statistical units are defined with primary surveys.</p> <p>The survey "import prices from division Manufacture of coke and refined petroleum products (19)" is a secondary survey. This means that this survey does not collect data from reporting units nor does it use certain administrative databases.</p> <p>The input data in secondary surveys are the output data from other (primary) statistical surveys. In the case of the survey "Foreign Trade", part of the output data from the survey are used as input data.</p>	
3.6	Statistical population
<p>Secondary survey. Statistical population is defined with primary surveys.</p>	
3.7	Reference area
<p>Republic of North Macedonia</p> <p>NETS 1 and 2</p>	

3.8	Time coverage
Since January 2018 (2015=100) by NKD Rev.2.	
3.9	Base period
2021 =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, 220/18 and "Official Gazette of the Republic of North Macedonia" No. 31/20) (https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/)</p> <p>Programme of Statistical Surveys 2023-2027 ("Official Gazette of the Republic of North Macedonia" No. 29/23 and 57/25) (https://www.stat.mk/en/about-us/legal-acts/program-for-statistical-surveys/)</p> <p>International:</p> <p>Council Regulation 1165/98</p> <p>COMMISSION REGULATION (EC) No 1503/2006</p> <p>of 28 September 2006 implementing and amending Council Regulation (EC) No 1165/98</p> <p>Regulation (EU) 2019/2152 on European business statistics, and it's implementing Regulation 2020/1197 laying down technical specifications.</p> <p>Eurostat Methodology of short-term business statistics, 2006.</p>	
6.2	Data sharing
<p>MAKStat-database Import prices from division Manufacture of coke and refined petroleum products (19) is available on the SSO website.</p> <p>https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Ceni_IndeksCeniIndustrija_UvozniCeni_UvIndBaznaArhiva/125_cuvovz19_mk_cuvmon_15_ml.px/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef</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.mk/en/about-us/legal-acts/law-on-state-statistics/).</p>	

2. The basic principles and activities undertaken to ensure data confidentiality are described in the Policy on Statistical Confidentiality

(<https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/>).

7.2 Confidentiality - data treatment

Pursuant to Article 38 of the Law on State Statistics (<https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/>) and the Policy on Statistical Confidentiality (<https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/>), individual data are not published

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

<https://www.stat.mk/en/publishing-calendar/#/>

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

<https://www.stat.gov.mk/Dokumenti/strategiji/StrategijaDiseminacija2014-2016en.pdf>

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

Release " import prices from division Manufacture of coke and refined petroleum products (19)".

https://www.stat.mk/en/stat/economy-and-finance/prices/https://www.stat.gov.mk/PrethodniSoopstenijaOblast_en.aspx?id=118&rbrObl=15

10.2 Publications

The data are published only in a News release and in the Makstat database.

10.3	On-line database
<p>MAKStat-database - MAKStat-database - Services producer price available on the SSO website available on the SSO website</p> <p>https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Ceni_IndeksCeniIndustrija_UvozniCeni/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef</p>	
10.4	Micro-data access
<p>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"</p> <p>(https://www.stat.mk/en/about-us/procedures/rules-for-access-to-anonymised-microdata-for-research-purposes/).</p>	
10.5	Other
<p>At the request of users, data are also prepared in a form according to their needs.</p>	
10.6	Documentation on methodology
<p>The methodological explanations are released on the State Statistical Office</p> <p>https://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=137&rbrObl=15</p> <p>Methodology of short-term business statistics by Eurostat</p> <p>https://ec.europa.eu/eurostat/documents/3859598/5895945/KS-BG-06-001-EN.PDF.pdf/609c47c3-220a-48b4-874f-d9c589bf302c?t=1414781295000</p>	
10.7	Quality documentation
<p>https://www.stat.gov.mk/Esmslzvestai_en.aspx</p>	
11	Quality management
11.1	Quality assurance
<p>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.mk/en/about-us/quality/code-of-practice/) 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.mk/en/about-us/legal-acts/law-on-state-statistics/).</p>	
11.2	Quality assessment
<p>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.</p>	

12	Relevance
12.1	User needs
<p>Indices of import prices from the division Manufacture of coke and refined petroleum products (19) are intended for reviewing or monitoring costs incurred by construction companies in the execution of the construction process. The main users of indices of import prices from the division Manufacture of coke and refined petroleum products (19) are construction companies, which refer to the movement of construction costs in calculations when entering a construction contract.</p>	
12.2	User satisfaction
<p>Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.</p>	
12.3	Completeness
<p>According to the regulations given in concept 6.1, the State Statistical Office provides required data.</p>	
13	Accuracy and reliability
<p>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.</p>	
13.1	Overall accuracy
13.2	Sampling error
<p>Secondary survey. Determined by sampling errors in primary surveys.</p>	
13.3	Non-sampling error
<p>Secondary survey. Determined by non-sampling errors in primary surveys.</p>	
14	Timeliness and punctuality
14.1	Timeliness
<p>Indices of import prices from the division Manufacture of coke and refined petroleum products (19) are published no later than 45 days (T+45) after the end of the reference period as definitive data.</p>	
14.2	Punctuality
<p>Not applicable.</p>	
15	Coherence and comparability
15.1	Comparability - geographical

15.2	Comparability - over time
Time series from 2015 according to NKD Rev.2 (2021=100) and time series comparability is ensured in the Makstat database.	
15.3	Coherence - cross domain
Coherence is fully ensured by primary survey.	
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.mk/en/about-us/policies-and-strategies/data-revision/).	
17.2	Data revision - practice
Data revision is done with changes of the base year and with changes in the classifications. The survey was introduced as a regular survey in 2018.	
18	Statistical processing
18.1	Source data
The prices that are the basis for calculating the index are collected (taken) from statistical survey "Foreign Trade", (NT). The selected imported products cover 87.02% of the total invoiced value of imported products belonging to division 19.	
18.2	Frequency of data collection
Месечна.	
18.3	Data collection
Secondary survey, data collection is through the primary surveys.	
18.4	Data validation
The output data (indexes) are analyzed and confirmed, at the subclass level compared to the previous month, and with the same month of the previous year. In relation to extreme values, the output data (indexes) are analyzed and confirmed at the elementary level (reporting unit).	

18.5	Data compilation
The prices of products not sold in the current month are taken from the previous month.	
18.6	Adjustment
The time series is not adjusted and the data is not adjusted seasonally.	
19	Comment
No comment	
A.1	Annexes

