

Reference Metadata in SIMS 2.0 structure

Statistical survey on turnover in industry

BS_IND.2_M_EN_2024_12

Reference Metadata in SIMS 2.0 structure

S.1	Contact
S.1.1	Contact organisation
State Statistical Office	
S.1.2	Contact organisation unit
Department for industry, construction and business tendencies	
S.1.3	Contact name
Verica Spasovska	
S.1.4	Contact person function
Junior Associate	
S.1.5	Contact mail address
Dame Gruev 4, 1000 Skopje, Republic of North Macedonia	
S.1.6	Contact email address
verica.dinova@stat.gov.mk	
S.1.7	Contact phone number
00389 2 3295 759	
S.1.8	Contact fax number
S.2	Metadata update
S.2.1	Metadata last certified
05/06/2025	
S.2.2	Metadata last posted
05/06/2025	
S.2.3	Metadata last update
05/06/2025	

S.3	Statistical presentation
S.3.1	Data description
Turnover indices in industry, total, on domestic market and non-domestic market (total, sectors, main industrial groupings, divisions, groups of products).	
S.3.2	Classification system
<ul style="list-style-type: none"> • National Classification of Activities - NKD Rev. 2, • National Nomenclature of Industrial Products - NNIP, • Main Industrial Groupings - GIG. 	
S.3.3	Sector coverage
<p>Sectors:</p> <p>B - Mining and quarrying,</p> <p>C - Manufacturing industry of the National Classification of Activities NACE Rev.2.</p>	
S.3.4	Statistical concepts and definitions
<p>The value of the turnover is an invoiced value that the reporting unit has achieved on the basis of sales of goods and services in the reporting month. It coincides with the market value of goods sold and services supplied to third parties in the domestic and foreign market. The value of the turnover should include all costs of transportation and packaging and all taxes of the invoiced goods and services of the reporting unit apart from the value added tax (VAT) and excise duties. We exclude all discounts and price reductions and value of returned packaged goods, except cash discounts. Discounts, reductions and additional bonuses that are credited to the customers, are also excluded.</p>	
S.3.5	Statistical unit
<p>Business entities that produce and sale industrial products from own production on the domestic and non-domestic market, in sectors B - Mining and quarrying and C - manufacturing from the National Classification of Activities - NACE Rev.2.</p>	
S.3.6	Statistical population
<p>Business entities that produce and sale industrial products from own production on the domestic and non-domestic market, in sectors B - Mining and quarrying and C - manufacturing from the National Classification of Activities - NACE Rev.2.</p>	
S.3.7	Reference area
<p>Republic of North Macedonia</p>	
S.3.8	Time coverage
<p>From 2010.</p>	

S.3.9	Base period
2021=100.	
S.4	Unit of measure
Indices.	
S.5	Reference period
Month.	
S.6	Institutional mandate
S.6.1	Legal acts and other agreements
<p>NATIONAL LEGISLATION</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>EUROPEAN LEGISLATION</p> <p>Commission Implementing Regulation (EU) 2020/1197 of 30 July 2020 laying down technical specifications and arrangements pursuant to Regulation (EU) 2019/2152 of the European Parliament and of the Council on European business statistics repealing 10 legal acts in the field of business statistics.</p>	
S.6.2	Data sharing
Indices are sent (via EDAMIS) to Eurostat.	
S.7	Confidentiality
S.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> <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/).</p>	
S.7.2	Confidentiality - data treatment
<p>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.</p>	

S.8	Release policy
S.8.1	Release calendar
The date of data publication is determined in the Advance Release Calendar, which is updated quarterly.	
S.8.2	Release calendar access
https://www.stat.mk/en/publishing-calendar/#/	
S.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.	
S.9	Frequency of dissemination
Monthly.	
S.10	Accessibility and clarity
S.10.1	News release
News Releases are published and they are available on the website of the SSO in the section: "News Releases" (https://www.stat.mk/en/all-new-releases)	
The number of views is 176.	
S.10.2	Publications
Statistical Yearbook (link: https://www.stat.gov.mk/PrikaziPublikacija_1_en.aspx?rbr=915)	
S.10.3	On-line database
https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Industrija_Bazna2021/475_Ind_MK_indPrometVkBaza2021_ml.px/ https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Industrija_Bazna2021/525_Ind_MK_indPromDomBaza2021_ml.px/ https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Industrija_Bazna2021/575_Ind_MK_indPromStrBaza2021_ml.px/	
S.10.3.1	AC1. Data tables - consultations
The number of views is 141.	
S.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.mk/en/about-us/procedures/rules-for-access-to-anonymised-microdata-for-research-purposes/>).

S.10.5	Other
At the request of users, data are also prepared in a form according to their needs.	
Data are disseminated by EDAMIS to EUROSTAT.	
S.10.5.1	AC 2. Metadata - consultations
Not applicable.	
S.10.6	Documentation on methodology
Methodological explanations are published on the website of the SSO. http://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=102&rbrObl=19	
S.10.6.1	AC 3. Metadata completeness - rate
Not applicable.	
S.10.7	Quality documentation
S.11	Quality management
S.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.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/).	
S.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.	
S.12	Relevance
S.12.1	User needs
Data from the monthly survey for turnover in industry are used by various government institutions in order to monitor the economic situation in the country and as short-term indicator they represent the point of reference for implementation of various economic analyzes, creating strategic plans for taking further actions and making decisions for the implementation of economic politics.	
S.12.2	User satisfaction

Starting from 2009, the State Statistical Office conducts a User Satisfaction Survey every three years.	
S.12.3	Completeness and R1. Data completeness - rate for U
Not applicable.	
S.12.3.1	R1. Data completeness - rate for P
Not applicable.	
S.13	Accuracy and reliability
S.13.1	Overall accuracy
The survey methodology and the data collection method ensure good coverage and accuracy of the data.	
S.13.2	Sampling error and A1. Sampling errors - indicators for U
Not applicable.	
S.13.2.1	A1. Sampling errors - indicators for P
Not applicable.	
S.13.3	Non-sampling error and A4. Unit non-response - rate for U and A5. Item non-response - rate for U
<p>Errors in coverage: It provides 100% coverage from the reporting units from the sample.</p> <p>Errors in processing: In the application for data processing, the control rules and calculations of output data are implemented.</p> <p>Errors in non-response: Imputation is performed with data from some previous periods.</p>	
S.13.3.1	Coverage error
Not applicable.	
S.13.3.1.1	A2. Over-coverage - rate
S.13.3.1.2	A3. Common units - proportion
S.13.3.2	Measurement error
Not applicable.	
S.13.3.3	Non response error
Not applicable.	
S.13.3.3.1	A4. Unit non-response - rate
S.13.3.3.2	A5. Item non-response - rate
S.13.3.4	Processing error

Not applicable.	
S.13.3.5	Model assumption error
Not applicable.	
S.14	Timeliness and punctuality
S.14.1	Timeliness and TP2. Time lag - final results for U
T+45	
S.14.1.1	TP1. Time lag - first results for P
S.14.1.2	TP2. Time lag - final results for P
T+45	
S.14.2	Punctuality and TP3. Punctuality - delivery and publication for U
The data are published on the day announced in the Advance Release Calendar.	
S.14.2.1	TP3. Punctuality - delivery and publication for P
S.15	Coherence and comparability
S.15.1	Comparability - geographical
There is geographical comparability of the produced data at national and regional level (with other EU countries).	
S.15.1.1	CC1.Asymmetry for mirror flow statistics - coefficient
Not applicable.	
S.15.2	Comparability - over time and CC2. Length of comparable time series for U
Time series from January 2010 according to NACE Rev.2 (2021 = 100) and there is no interruption of time series.	
Number of reference periods in the time series from the last interruption is 180.	
S.15.2.1	CC2. Length of comparable time series for P
Number of reference periods in the time series from the last interruption is 180.	
S.15.3	Coherence - cross domain
Data are coherent between different parts of industrial statistics. Coherence with other areas is partially provided.	
S.15.3.1	Coherence - sub annual and annual statistics
The data from the the Monthly Turnover Survey IND.2 are comparable with the annual survey IND.21 and the Monthly Industry Survey IND.1.	

S.15.3.2	Coherence - National Accounts
The data from the Monthly Turnover Survey IND.2 are partially comparable with the data from the annual survey for Structural Business Statistics SBS and with the data from External Trade from National accounts.	
S.15.4	Coherence - internal
Internal data coherence is ensured, data is controlled and analyzed in the production process.	
S.16	Cost and burden
In the e-questionnaires on the reporting units we have included the question of how long it takes to complete the questionnaire in order to reduce the burden on the reporting unit.	
S.17	Data revision
S.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/).	
S.17.2	Data revision - practice and A6. Data revision - average size for U
Data revision is made when the base year is changed in 2021 = 100 in 2024. The industrial turnover indices from 2010 to 2024 were rebased on the new base year 2021.	
S.17.2.1	A6. Data revision - average size for P
Not applicable.	
S.18	Statistical processing
S.18.1	Source data
<p>This statistical survey is a sample survey. It is cut-off sample.</p> <p>The sample is selected from the business entities that are include in the "PRODCOM Survey for Industry".</p> <p>The sample in 2021 covers 85% of the turnover in the industry, on total, 93% of the turnover on non-domestic market and 62% of the turnover on domestic market. The sample in 2021 includes 500 business entities.</p> <p>Updating of the sample is carried out every five years.</p>	
S.18.2	Frequency of data collection
Monthly.	
S.18.3	Data collection
Data are collected by statistical questionnaire: "Monthly survey for turnover in industry" (IND.2) that is available to the reporting units on the website of the SSO (https://estat.stat.gov.mk/) through the system for electronic data collection (e-Stat).	
S.18.4	Data validation

Data verification is done in accordance with the defined control criteria. Data control is performed before and after data entry. For deviations we contact the reporting units. Verification is also done on the final indices before their publication.

S.18.5	Data compilation
---------------	-------------------------

Imputation: Imputation of nonresponses is done with data from some previous periods.

S.18.5.1	A7. Imputation - rate
-----------------	------------------------------

Not applicable.

S.18.6	Adjustment
---------------	-------------------

The JDemetra + model is used to eliminate monthly variations caused by the different number of days.

S.18.6.1	Seasonal adjustment
-----------------	----------------------------

We don't make seasonal adjustment in turnover in industry.

S.19	Comment
-------------	----------------

A.1	Annexes
------------	----------------