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Reference Metadata in ESMS 2.0 structure

Statistical survey on business tendencies in manufacturing industry

MS_DT.I_M_EN_2021_12

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1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for industry, construction statistics and business tendencies	
1.3	Contact name
Tatjana Trajkovska	
1.4	Contact person function
Junior Associate	
1.5	Contact mail address
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1.6	Contact email address
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1.7	Contact phone number
+389 3295 859	
1.8	Contact fax number
+389 2 3111 336; +389 2 3136-197	
2	Metadata update
2.1	Metadata last certified
07/11/2022	
2.2	Metadata last posted
07/11/2022	
2.3	Metadata last update

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07/11/2022	
3	Statistical presentation
3.1	Data description
Confidence indicator, assessment of the current level of production assurance with orders, expectations for the volume of production during the next 3 months, assessment of the current stocks of finished products, assessment of the current business situation of the business entity, expectations for the number of employees during the next 3 months, average level of capacity utilization of the business entities (in %) and Limitation factors for increasing the production.	
3.2	Classification system
National Classification of Activities - NKD Rev.2. NTES 1 and 2(Republic of North Macedonia).	
3.3	Sector coverage
Section C/V - Manufacturing industry.	
3.4	Statistical concepts and definitions
Confidence indicator in Manufacturing industry is arithmetic average of the balances of the the questions for the expectations for the volume of production, assesment for the total orders and assesment of the current stocks of finished products. Maxium posible production (capacity) of some product is the maximum possible quntity of that product that could be produced under full usage of the instaled machinery and devices, full employment with maximum possible technical and working efects, normal intensity of working, minimum time for allowed losses and repairments according to the projected possible number of shift work and working days.	
3.5	Statistical unit
Statistical units are enterprises.	
3.6	Statistical population
Enterprises and their units registered in sector C/V - Manufacturing industry according to the National Classification of Activities NKD Rev2.	
3.7	Reference area
NTES 1 and 2(Republic of North Macedonia).	
3.8	Time coverage
Since April 2001 onwards.	
3.9	Base period
Not applicable.	
4	Unit of measure

Balanced answer.	
5	Reference period
Month.	
6	Institutional mandate
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.gov.mk/ZakonZaStatistika_en.aspx)</p> <p>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)</p> <p>EUROPEAN LEGISLATION</p> <p>The exact name of the EC Regulation for the relevant srvey is stated.</p>	
6.2	Data sharing
Not applicable.	
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.</p>	
8	Release policy

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8.1	Release calendar
<p>The date of data publication is determined in the Advance Release Calendar, which is updated quarterly.</p>	
8.2	Release calendar access
<p>https://www.stat.gov.mk/Kalendar.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
<p>In accordance with the Dissemination Strategy (http://www.stat.gov.mk/Dokumenti/strategii/StrategijaDiseminacija2014-2016en.pdf), news releases are published (indicate the periodicity: monthly, quarterly) and they are available on the website of the SSO in the section: "News Releases".</p>	
10.2	Publications
<p>Data are not published in multidomain publications.</p>	
10.3	On-line database
<p>MAKStat - data base available on the SSO web site. Business tendencies.</p> <p>http://makstat.stat.gov.mk/PXWeb/pxweb/mk/MakStat/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef</p>	
10.4	Micro-data access

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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 SSO web site.

<http://www.stat.gov.mk/MetodoloskiObjasSoop.aspx?id=51&rbrObl=36>

10.7 Quality documentation

<https://www.stat.gov.mk/Esmslzvestai.aspx>

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

<p>"The data obtained from ""Business Tendencies in Manufacturing Industry"" (ДТИ) are used by Government Institutions and Organisations, Scientific Resurching Institutions, business entities and other users in order to follow the economic situation in the country, and as a shot term indicator they are inicial base in conducting diferent economic analises, in creating strategical plans for presiding future activities and for drawing conclusions for the realisation of the economic policies."</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>Not calculated.</p>	
13	Accuracy and reliability
13.1	Overall accuracy
<p>The survey methodology and the data collection method ensure good coverage and accuracy of the data.</p>	
13.2	Sampling error
<p>Not applicable.</p>	
13.3	Non-sampling error
<p></p>	
14	Timeliness and punctuality
14.1	Timeliness
<p>T+15 days.</p>	
14.2	Punctuality
<p>The data are published on the day announced in the Advance Release Calendar.</p>	
15	Coherence and comparability
15.1	Comparability - geographical
<p>There is geographic comparability of the disseminated data at the national and regional level.</p>	
15.2	Comparability - over time
<p>Since 2001 April onwards.</p>	
15.3	Coherence - cross domain

The data are coherent between different parts of industry statistics.	
15.4	Coherence - internal
Internal coherence of data is ensured.	
16	Cost and burden
There are no costs for data collection, and reporting units need 15 minutes to fill out a form.	
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
Not applicable.	
18	Statistical processing
18.1	Source data
"This is a statistical sample survey. The sample is selected from the business entities which are filling ""Anuall Report in industry"" (IND.21).	
18.2	Frequency of data collection
Monthly.	
18.3	Data collection
Data collection is carried out by reporting method. Reporting units fill the Questionarie fo Business Tendencies in Industry(DTI) and send the report by e-mail to SSO at least tenth day the next month for the current one.	
18.4	Data validation
Data checking is done according defined criteria for control before and after the data entry. For any variance in the data, the reporting units are contacted. The balance validation is also calculated before their publication.	
18.5	Data compilation
After downloading the data, the data is checked in accordance with predefined logical rules, imputation of values missing by contacting reporting units. The data is then entered in the appropriate input application with built-in logic controls. In the end it is prepared standardized output tables with main results being published.	

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18.6	Adjustment
Not applicable.	
19	Comment
A.1	Annexes

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