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QUALITY REPORT 2019
Industrial production (PRODCOM)

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1. Introduction – Basic information about the survey

1.1 Purpose, goal and subject of the survey

The aim of survey is the collection of data on the volume of industrial production and values of production. The data will be available at the product level in accordance with the valid PRODCOM list.

1.2 Legal basis

The Law on Official Statistics and Official Statistical System (*Official Gazette of Montenegro No 18/12 and 47/19*) defines provisions for collection, processing, and dissemination of data. The Law provides to the Statistical Office clear and wide legal powers to collect and access the data necessary for the implementation of Programme and Annual Plan. The Law gives a priority to the use of administrative data and right of access to individual data that are a result of survey of other official statistical producers. As an annex to legal provisions, Statistical Office has signed several memoranda on cooperation with administrative data providers.

1.3 Statistical units

Observation units for covering of industrial production (PRODCOM) are enterprises (companies) with 5 or more employees, with a turnover reported in the balance sheet for the previous year, whose main activity is industrial production (ie registered in sectors B and C of Nace Rev.2 Classification), as well as KAU of companies which carrying out the industrial production.

1.4 Coverage and scope of survey

1.4.1 Sectors

Framework for a list of enterprises was established on the basis of data from the Statistical Business Register, which includes all active businesses in the industry (sections B and C of Activity Classification) as well as KAU of companies which carrying out the industrial production. From the frames are excluded entrepreneurs and companies whose turnover is zero.

1.4.2 Statistical population

Reporting units are enterprises (companies) and KAU whose main activity is industrial production and whose are registered in statistical business register in sections B (mining and quarryng) and C (manufacturing).

1.5 Referent geographical area

The territory of Montenegro.

1.6 Concepts and definitions

The product - is a result of some industrial activities and is defined by the Nomenclature of Industrial Products for the annual survey of industrial production. The term product is used as a general, both for products that have a physical dimension, and industrial services. A finished product is any product that has reached such a degree of processing, so that the Nomenclature of Industrial products for the annual survey of industrial production given specific code and a specific name. The product is finished when its correctness checking product quality control. Defective products are not considered as finished products.

The stocks of finished products at the beginning of the year - means the quantity of the stock transfer from the previous year, with the quantities of the warehouse books in line with the established real situation after inventory.

Real production - represents the total production of the product, expressed in the appropriate measure unit, refers to the period that corresponds to the calendar year. It refers to the production which was completed in the year for which the report is submitted on the territory of Montenegro.

Under the service production - refers to the production using customer's raw materials and for his account, so that the producer does not appear as the owner of the goods, but only as service executor. Service production is presented with code, name and unit of measure provided for a given product, but in a separate row, with a special code in the column "type of production", which means the service.

Quantities consumed for further production - this item includes the consumption of products produced within the economic entity (reporting units). This is known as internal realization. The stocks of finished products at the end of the year - means the quantity of unsold products held by the producer at 31st December of the reporting year.

Sold production - takes into account the quantity of products that are delivered out of the company for which the report is submitted.

1.7 Classifications

The used classifications are: NACE Rev.2 PRODCOM List.

1.8 Frequency of data collection

Annually.

1.9 Frequency of data dissemination

Annually according to Statistical Release Calendar.

1.10 Methodology

[https://www.monstat.org/userfiles/file/industrija/ind%20proizvodnja%202014/6_%20Metodologija_Industrijska%20proizvodnja%20\(PRODCOM\)_EN.pdf](https://www.monstat.org/userfiles/file/industrija/ind%20proizvodnja%202014/6_%20Metodologija_Industrijska%20proizvodnja%20(PRODCOM)_EN.pdf)

1.11 Base period

Not applicable

1.12 Unit of measure

Value of sold production are expressed in Euro. Quantities of finished production are expressed in m2, m3, t, thousands of effective work, hl.

1.13 Source of data

Data are collected on a basis of enterprises and KAU with 5 and more employees of reporting units including Statistical Business Register (SBR) in MONSTAT which are registered in the section B-Mining and quarrying and C-Manufacturing Nace Rev. 2 classification.

1.14 Method of collection data

Reporting method.

2. Relevance – Data users

2.1 User needs

International users:

- Eurostat,
- World Bank,
- UN organizations,
- International Monetary Fund

National users:

- Ministries and other public administration bodies,
- Local government and other local government bodies,
- Central bank,
- Non-governmental organizations,
- Students,
- Researchers,
- Media.

2.2 User satisfaction

The Statistical Office has adopted the Quality Management Strategy, the Guidebook to the Implementation of the Quality Management Strategy, as well as the Plan for the Implementation of the Quality Policy. In order to measure the degree to which fulfills obligations towards users and within the new quality policy, the Statistical Office conducted User satisfaction survey. Data collection was carried out through a web survey, in the period from 1 September to 20 October, 2017. The results of the survey are available on the Statistical Office website, link: <http://www.monstat.org/userfiles/file/KVALITET/Izvestaj%20o%20zadovoljstvu%20korisnika%20eng.pdf>.

3. Accuracy and reliability

3.1 Accuracy – Overall

Not available.

3.2 Sampling error

Not available.

Indicators of sampling error (A1)

Not available.

3.3 Non-sampling error

Not available.

3.3.1 Coverage error

Not available.

Indicators of coverage error (A2)

Not available.

3.3.2 Error of measurement

Not available.

3.3.3 Non response error

Not available.

Unresponsive unit rate (A3)

Not available.

Non response rate

3.3.4 Error processing the data

Imputation rate

Not available.

3.4 Seasonal adjustment

Not available.

3.5 Data revision

3.5.1 Data revision policy

Statistical Office has adopted the revision policy and it is available on the website

<http://www.monstat.org/userfiles/file/o%20nama/2017/Revision%20policy.pdf>

3.5.2 Data revision practice

Typical revisions are rare. Significant revisions have only been made to reflect changes in methodology. If the significant revision appeared, all time series are recalculated, but changes are not announced. The mark of changes are published in the same time with changed data. If the mistake happened, the corrections are made soon as possible.

3.5.3 Data revision - average size (A6)

Not available.

4. Timeliness and punctuality

4.1 Timeliness

Data are published on the date specified publishing the data-a year.

Time lag of the first results

The number of days (or weeks or months) from the last day of the reference period to the day of publication of first results: $T1 = d_{\text{first}} - d_{\text{ref}}$, $T1 = 35$ days, d_{first} - release date of first results; d_{ref} - last day (date) of the reference period of the statistics. During 2018 data are published according to the Statistical Release Calendar.

Time lag of the final results

The number of days (or weeks or months) from the last day of the reference period to the day of publication of complete and final results.

4.2 Punctuality

All deadlines in 2018 are fully respected (100%).

5. Availability and clarity

5.1 Statistical Release Calendar

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12 and 47/19) stipulates that official statistical producers prepare, update, and publish Statistical Release Calendar. It is published on the website of Statistical Office not later than 20 December for the next year, for all official statistical producers that includes date of releasing statistical data. Any change in date of releasing in the Calendar is published in advance in accordance with the Procedure on Unplanned Revisions.

5.2 Access the data Release Calendar

<http://monstat.org/userfiles/file/o%20nama/2018/Kalendar%20objavlivanja%20statistickih%20podataka%20Zavoda%20za%20statistiku%20-%20ENGg.pdf>

5.3 Releases

The data are available on the website: <http://monstat.org/eng/page.php?id=507&pageid=34>

5.4 Publication

Statistical Office publishes the following regular publications:

1. Statistical Yearbook,
2. Montenegro in Figures,
3. Monthly statistical review.

In addition to the above regular ones, Statistical Office publishes also additionally publications. Some of the most important additional publications are as it follows:

1. Women and Men in Montenegro,
2. The most often used statistical data.

All publication published by Statistical Office are available at the following link: <http://monstat.org/eng/publikacije.php>

5.5 On-line database

<http://monstat.org/eng/pxweb.php>

5.6 Access to micro data

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12 and 47/19) regulates rules under which external users can obtain an access to individual data for needs of research. Article 58 defines types of scientific and research organizations that can obtain such data. Providing individual data without identifier is possible only upon a written request of scientific and research institutions, with purpose of performing scientific and research activities as well as international statistical organizations and statistical producers from other countries. Research entity signs the agreement with Statistical Office, and it signs the statement on respecting the confidentiality principle. Official statistical producers keeps a separate records on users and purpose of using the statistical data given to these users.

5.7 Metadata occupancy

The completeness in relation to national requirements is 100 %

6. Comparability

6.1 Spatial Comparability

The data are geographically comparable with other EU countries.

6.2 Time comparability

The data have been published since 2010 on the site: <http://monstat.org/eng/page.php?id=507&pageid=34>.

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Time comparability indicator

Not available.