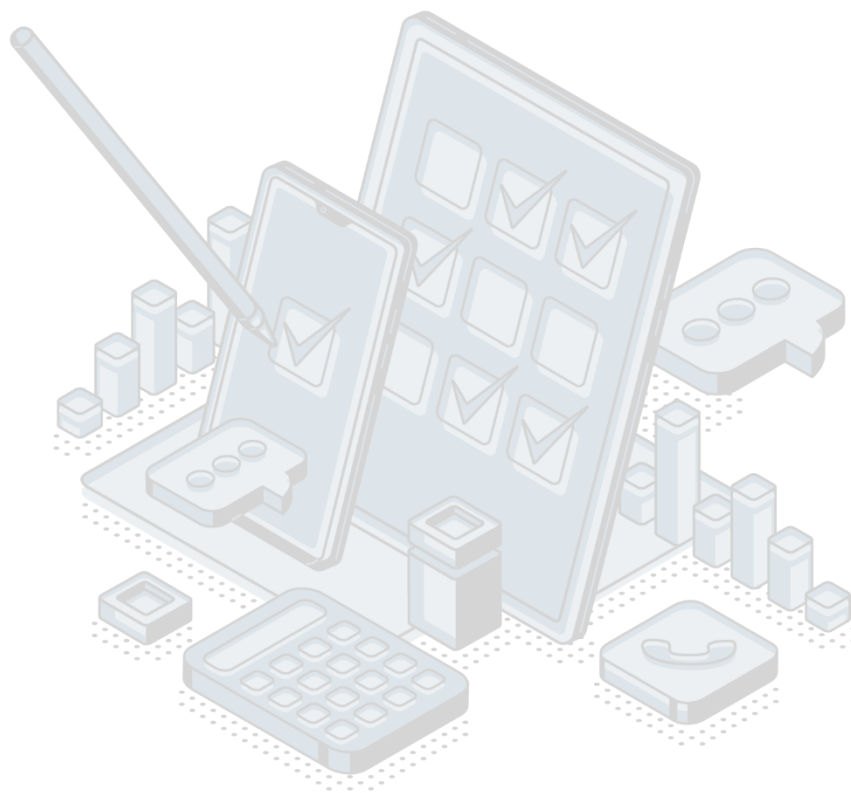


QUALITY REPORT

Industrial production (PRODCOM) 2022



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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 basics

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.

EU regulations which defines this statistical area:

- 1) REGULATION (EU) 2019/2152 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 27 November 2019 on European business statistics;
- 2) 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.

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 NACE Rev.2 Classification) as well as KAU of companies which carrying out the industrial production. From the frames are excluded companies whose turnover is zero. List of enterprises including enterprises and KAU with 5 and more employees and quantities of products higher than measurement unit recommended by PRODCOM list.

1.4.2 Statistical population

Reporting units are enterprises (companies) and KAU whose main activity is industrial production and who are registered in Statistical Business Register in sections B (mining and quarrying) 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 that the Nomenclature of Industrial products for the annual survey of industrial production gives a specific code and a specific name. The product is finished when it correctness checking product quality control. Defective products are not considered finished products.

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.

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

Statistical classification of economic activities in the European Community -NACE Rev. 2, reference PRODCOM list.

1.8 Frequency of data collection

Data are collected annually.

1.9 Frequency of data dissemination

Data are published annually, according to the Statistical Data Release Calendar.

1.10 Methodology

Methodology of Industrial production (PRODCOM) is available on the link: [Methodology](#).

1.11 Base period

Reference year.

1.12 Unit of measure

Data collected from this survey are expressed as follow: Value of sold production are expressed in Euro. Quantities of finished production are expressed in m², m³, t, thousands of effective working hours, 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 data collection

Data are collected questionnaires (by e-mail or post).

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 fulfils obligations towards users and within the new quality policy, the Statistical Office conducted User satisfaction survey. The results of the survey are available on the Statistical Office website, link: [User satisfaction report](#)

3. Accuracy and reliability

3.1 Accuracy – Overall remark

Not available.

3.2 Sampling error

Not available.

Indicators of sampling error

Not available.

3.3 Non-sampling error

Not available.

3.3.1 Coverage error

Not available.

Indicator of coverage error

Not available.

3.3.2 Error of measurement

Not available.

3.3.3 Non-response error

Not available.

Unit non-response rate

Not available.

Item non-response rate

Not available.

3.3.4 Data processing error

Not available.

Imputation rate

Not available.

3.4 Seasonal adjustments

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: [Revision policy](#)

3.5.2 Data revision practice

Typical revisions are rare. Significant revisions have only been made to reflect changes in methodology.

3.5.3 Data revision - average size

Not available.

4. Timeliness and punctuality

4.1 Timeliness

Data are published on 180 days after the end of reference period.

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: $T1 = d_{\text{first}} - d_{\text{ref}}$, $T1 = 180$ days, d_{first} - release date of first results; d_{ref} - last day (date) of the reference period of the statistics.

The deadlines for the publication of this survey in 2022 have been met in accordance with the Statistical Release Calendar.

Time lag of the final results

Timeliness indicator of publication of final data represents the time between the date of the last day of the reference period and the date of publication of final data. The final data are published 9 months after the completed reference period. The deadlines for the publication of final data on industrial production in 2022 have been met in accordance with the Statistical Release Calendar.

4.2 Punctuality

The punctuality indicator represents the time difference between the actual publication of the data and the planned publication of the data. Deadlines of dissemination of the industrial production data are defined in the Statistical Release Calendar and these deadlines are respected.

Indicator TP3 (punctuality) is 0, i.e. no difference between the actual publication of the data and the planned publication of the data, that means that the Releases are published according to the deadlines which are defined in the Statistical Release Calendar.

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

The calendar of data publication is available on the following link: [Release Calendar](#)

5.3 Releases

The data are available on the website: [Release](#)

5.4 Publication

All publications published by the Statistical office of Montenegro are available at the link: [Publication](#)

5.5 On-line databases

[Database](#)

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 keep separate records on users and the purpose of using the statistical data given to these users.

5.7 Metadata occupancy

The ratio of the number of metadata elements provided to the total number of metadata elements applicable. For this survey, the metadata fill rate is 100%.

6. Comparability

6.1 Comparability - geographical

The data are geographically comparable with other EU countries.

6.2 Time comparability

The data have been published since 2010 on the site: [Data](#)

Time comparability indicator

Not available.