



**MONTENEGRO
STATISTICAL OFFICE**

IV Proleterske 2, 81000 Podgorica

Tel: +382 (0) 20 230 811

Fax: +382 (0) 20 230 814

E-mail: contact@monstat.org

QUALITY REPORT 2016

Index of production and turnover in industry

Responsible person: Masan Raicevic

Department: Department for Business Statistics and Short-term Indicators

Content:

1. Introduction – Basic information about the survey	1
1.1 Purpose, goal and subject of the survey	1
1.2 Legal basis	1
1.3 Statistical units	1
1.4 Coverage and scope of survey	1
1.4.1 Sectors	1
1.4.2 Statistical population	1
1.5 Referent geographical area	1
1.6 Concepts and definitions	1
1.7 Classifications	1
1.8 Frequency of data collection	2
1.9 Frequency of data dissemination	2
1.10 Methodology	2
1.11 Base period	2
1.12 Unit of measure	2
1.13 Source of data	2
2. Relevance – Data users	2
2.1 User needs	2
2.2 User satisfaction	2
3. Accuracy and reliability	3
3.1 Accuracy – Overall remark	3
3.2 Sampling error	3
Indicators of sampling error	3
3.3 Non-sampling error	3
3.3.1 Coverage error	3
Indicators of coverage error	3
3.3.2 Error of measurement	3
3.3.3 Nonresponse error.....	3
Nonresponse rate.....	3
3.4 Seasonal adjustment	3
3.5 Data revision	3
3.5.1 Data revision policy	3
3.5.2 Data revision practice	3
3.5.3 Data revision - average size	3
4. Timeliness and punctuality	4
4.1 Timeliness	4
Time lag of the first results	4
Time lag of the final results.....	4
4.2 Punctuality	4
5. Availability and clarity	4
5.1 Release	4
5.2 Publication	4
5.3 Availability of microdata	4
6. Comparability	5
6.1 Comparability - geographical	5
6.2 Comparability - over time	5

1. Introduction – Basic information about the survey

1.1 Purpose, goal and subject of the survey

The aim of the monthly report on industry IND-1 is to provide data on industrial production and turnover. The data are used to monitor the volume and dynamics of movement of the physical volume of industrial production, turnover, analysis of the scope and changes in the structure of industrial production, analysis of the seasonal characteristics of the production's overall economic developments.

1.2 Legal basis

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12) 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 calculation index of industrial production 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, C and D 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

B, C and D of NACE Rev 2.

1.4.2 Statistical population

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, C and D of Activity Classification) and parts of enterprises that meet the criteria set for this study. From the frames are excluded entrepreneurs and companies whose turnover is equal to zero.

1.5 Referent geographical area

The whole territory of Montenegro.

1.6 Concepts and definitions

The stocks of finished products at the end of the month shall be included in the value of stocks of finished products at the end of the reference month. The value is expressed in thousands €. Total turnover-refers to the income from the sale of goods and services minus returns and discounts, subsidies and VAT. The value is expressed in thousands of € and filled in the reference month. Domestic turnover is turnover sales of industrial products and services in the domestic market. The value is expressed in thousands €. Non-domestic turnover is turnover sales of industrial products and services to foreign markets. The value is expressed in thousands €. Turnover of other activities generated from other activities. The value is expressed in thousands €. Finished production is presented for the reporting month and represents the amount of product that they have reached an appropriate level of treatment, so that the code and the name of the product is defined by the current most important products.

1.7 Classifications

NACE Rev. 2, PRODCOM

1.8 Frequency of data collection

Monthly.

1.9 Frequency of data dissemination

This survey is monthly disseminated.

1.10 Methodology

http://monstat.org/userfiles/file/industrija/proizvodnja%20i%20promet/4_%20Methodology_Index%20of%20production%20and%20turnover%20in%20industry_EN.pdf

1.11 Base period

The base year is 2010.

1.12 Unit of measure

Turnover - in Euro. Changes compared to the previous periods - showed in percentage (%).

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, C-Manufacturing and D-Electricity, gas, steam and air-conditioning supply. Nace Rev. 2 classification.

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.
- Non-governmental organizations,
- Students,
- Researchers,
- Media.

2.2 User satisfaction

With purpose of determining user satisfaction with quality data and defining their needs, Statistical Office for the first time carried out the User Satisfaction Survey in 2017. The survey was done from 1 September to 20 October. The survey link was sent to users that sent request to the official email address in period 2013-2017. Additionally, the questionnaire is put on the website of Statistical Office..

3. Accuracy and reliability

3.1 Accuracy – Overall remark

The monthly survey production and turnover in industry results are based on coverage of 5 and more employees method of data collected from reporting units and are subject to the usual types of errors as well as measurement errors, processing errors, and non-response.

3.2 Sampling error

Not relevant.

Indicators of sampling error

Not relevant.

3.3 Non-sampling error

Not relevant.

3.3.1 Coverage error

Not relevant.

Indicators of coverage error

Not relevant.

3.3.2 Error of measurement

Not relevant.

3.3.3 Nonresponse error

Not relevant

Nonresponse rate

Not relevant.

3.4 Seasonal adjustment

Not relevant.

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/eng/page.php?id=1411&pageid=1411>

3.5.2 Data revision practice

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

3.5.3 Data revision - average size

Not relevant.

4. Timeliness and punctuality

4.1 Timeliness

The data are published 30 days after the end of the observed month.

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. Deadlines for balance of coal data during 2016 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. Data for balance of electricity are published 30 days after the end of the reference period in accordance with release calendar.

4.2 Punctuality

Deadlines for publishing have been complied in accordance with the calendar of release.

5. Availability and clarity

5.1 Release

Data are available on the website and in a press release <http://monstat.org/eng/page.php?id=401&pageid=34>

5.2 Publication

Statistical Office publishes the following regular publications:

1. Monthly Statistical Review,
2. Statistical Yearbook,
3. Montenegro in Numbers,
4. Annual Statistics of Transport, Storage and Connections,
5. Number and Structure of Business Entities.

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. Children in Montenegro,
3. The most often used statistical data.

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

5.3 Availability of microdata

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12) 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

6. Comparability

6.1 Comparability - geographical

Not relevant

6.2 Comparability - over time

Not relevant