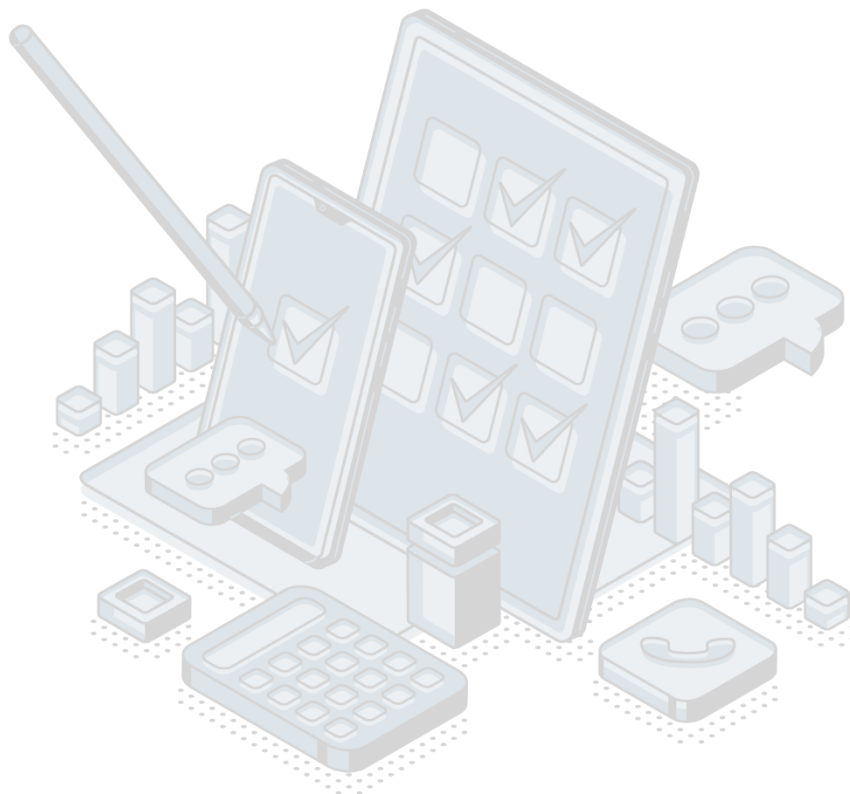


QUALITY REPORT

Turnover index in services 2023



Odgovorno lice: Jelena PRELEVIC

Naziv odsjeka: Department for short-term indicators

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1. Introduction – Basic information about the survey

1.1 Purpose, goal and subject of the survey

The aim of the survey is to collect the data necessary for the calculation of total turnover in service activities.

1.2 Legal basics

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12, 47/19) defines provisions for collection, processing, and dissemination of data. The Law provides to the Statistical Office 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 defining this area of statistics:

- 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 the Council on European business statistics.

1.3 Statistical units

The units of observation are all companies in Montenegro that submitted VAT registration to the Revenue and Customs Administration of Montenegro.

Coverage is based on European business statistics (EBS) regulation.

1.4 Coverage and scope of survey

1.4.1 Sectors

Reporting units are business entities classified in the Statistical Business Register with a predominant activity in the following service activities: G_X_G47, H, I, J, M_X_M701, 721, 722, 750 and N_X_N771, 772, 773, 774, 811, 813 Nace Rev.2.

1.4.2 Statistical population

The sample frame was based on the data from the Statistical Business Register of the Statistical Office of Montenegro and includes all active businesses in the areas of G_X_G47, H, I, J, M_X_M701, 721, 722, 750 and N_X_N771, 772, 773, 774, 811, 813 Nace Rev.2.

1.5 Referent geographical area

Montenegro

1.6 Concepts and definitions

Indices of turnover in services show the dynamics of the turnover in the observed sector.

The turnover of goods without VAT is the value of the total turnover that the enterprise realized during the reporting quarter in the territory of Montenegro and is presented in euros. It covers the total turnover that the company has achieved, regardless of whether it has been realized in any other activity.

The value of turnover without VAT in the reporting quarter is processed.

1.7 Classifications

- 🚩 Statistical classification of economic activities in the European Union - NACE Rev. 2

1.8 Frequency of data collection

Quarterly.

1.9 Frequency of data dissemination

The data is published quarterly.

1.10 Methodology

The methodology of turnover index in services is available on the website: [Methodology](#)

1.11 Base period

The base year is 2015.

1.12 Unit of measure

The data obtained by this survey are expressed in percentages.

1.13 Source of data

The source of data is administrative - Revenue and Customs Administration of Montenegro (data on turnover based on VAT returns).

1.14 Method of data collection

At the end of the quarter, the Statistical Office receives a database in electronic form from the Revenue and Customs Administration on the following variables: turnover, calculated by VAT and the number of employees of all economic entities.

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. 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

The survey is based on an administrative data source (Revenue and Customs Administration). Pursuant to the cooperation agreement concluded in Podgorica in September 2010 between the Statistics Directorate and the Revenue and Customs Administration, provides turnover data on the basis of VAT returns in electronic form.

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.

Indicator of coverage error

Not relevant.

3.3.2 Error of measurement

Not relevant.

3.3.3 Non response error

Not relevant.

Non-responding unit rate

Not relevant.

Item non-response

Not relevant.

3.3.4 Data processing error

Not relevant.

Imputation rate

Not relevant.

3.4 Seasonal adjustments

Not relevant.

3.5 Data revision

3.5.1 Data revision policy

The Statistical Office of Montenegro has adopted a revision policy and it is available on the website: [Revision policy](#)

3.5.2 Data revision practice

Typical revisions are minimal.

Significant revisions are used only if there is a methodological change. As there are no official policy revisions, the Other Services Survey used the following measures:

- Significant revisions (such as changing the base year) are converted to all series, but the changes have not been announced. A claim that there is a change is published together with edited data.

- If the error occurs, it is corrected in the shortest possible time and in the next release.

All information is viewed as preliminary until the next release when preliminary data become final.

3.5.3 Data revision - average size

Not available.

4. Timeliness and punctuality

4.1 Timeliness

The first results are published 50 days after the end of the 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:

$T1 = d_{\text{fst}} - d_{\text{ref}}$,

$T1 = 50$ days

d_{fst} - release date of first results

d_{ref} - last day (date) of the reference period of the statistics.

Deadlines for publication of services data during 2023 are published according to the 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. Services data are published 50 days after the end of the reference period in accordance with the release calendar.

Information on the preliminary release are treated as preliminary until the next release. The time gap of publication of final data in the services releases is 110 days.

4.2 Punctuality

The accuracy indicator represents the time difference between the actual publication of the data and the planned publication of the data.

$P3 = d_{\text{act}} - d_{\text{sch}}$

As for the research of other services, the accuracy = 0, which means that the data is published in accordance with the Calendar of publication of data.

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

Data for turnover index in services are available on 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

Data are available on web site: [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 keeps a separate records on users and 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 a quarterly other services survey, the metadata fill rate is 100%.

6. Comparability

6.1 Comparability - geographical

The indicators obtained based on data from the survey of the Turnover index in services are fully comparable with the relevant indicators in EU countries, that is, with all countries that use the same methodology that is harmonized with EU standards.

6.2 Time comparability

Data have been published since 2010 on the website MONSTAT in the section Data, link: [Data](#)

Time comparability indicator

Length of comparable time series indicator is calculated as follows:

$$CC1 = J_{last} - J_{first} + 1$$

J_{last} - number of the last reference period with disseminated statistics;

J_{first} - number of the first reference period with comparable statistics.