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**QUALITY REPORT 2020**  
**Turnover index in services**

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## Content:

<b>1. Introduction – Basic information about the survey .....</b>	<b>2</b>
1.1 Purpose, goal and subject of the survey.....	2
1.2 Legal basics .....	2
1.3 Statistical units .....	2
1.4 Coverage and scope of survey .....	2
1.4.1 Sectors.....	2
1.4.2 Statistical population.....	2
1.5 Referent geographical area.....	2
1.6 Concepts and definitions .....	2
1.7 Classifications.....	2
1.8 Frequency of data collection.....	2
1.9 Frequency of data dissemination .....	2
1.10 Methodology.....	3
1.11 Base period .....	3
1.12 Unit of measure .....	3
1.13 Source of data.....	3
1.14 Method of collection data.....	3
<b>2. Relevance – Data users .....</b>	<b>3</b>
2.1 User needs .....	3
2.2 User satisfaction .....	3
<b>3. Accuracy and reliability.....</b>	<b>3</b>
3.1 Accuracy – Overall remark.....	3
3.2 Error processing the data.....	4
3.3 Data revision .....	4
3.3.1 Data revision policy.....	4
3.3.2 Data revision practice .....	4
<b>3.3.3 Data revision - average size .....</b>	<b>4</b>
<b>4. Timeliness and punctuality.....</b>	<b>4</b>
4.1 Timeliness .....	4
Time lag of the first results.....	4
Time lag of the final results .....	4
4.2 Punctuality .....	4
<b>5. Availability and clarity.....</b>	<b>5</b>
5.1 Statistical Release Calendar .....	5
5.2 Access the data Release Calendar .....	5
5.3 Releases .....	5
5.4 Publication .....	5
5.5 On-line databases .....	5
5.6 Access to micro data.....	5
5.7 Metadata occupancy.....	5
<b>6. Comparability.....</b>	<b>6</b>
6.1 Comparability - geographical.....	6
6.2 Time comparability .....	6

## **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 Program 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**

The units of observation are all companies in Montenegro who submitted VAT registration to the Revenue and customs administration of Montenegro. Coverage is based on EU Regulation no. 1165/98 for short-term statistics (Annex D) and its amendments.

### **1.4 Coverage and scope of survey**

#### **1.4.1 Sectors**

The survey on turnover in service sector includes all business entities (legal units, tradesmen and free lances) if their prevailing activity is one of the following: G\_XG47, H, I, J, M\_X\_M701, 721, 722, 750 i N\_X\_N771, 772, 773, 774, 811, 813 of NACE Rev.2. Classification.

#### **1.4.2 Statistical population**

The sample frame was based on the data from the Business Register of the Statistical Office of Montenegro and includes all active businesses in the areas of G\_XG47, H, I, J, M\_X\_M701, 721, 722, 750 i N\_X\_N771, 772, 773, 774, 811, 813 of NACE Rev.2. Classification.

### **1.5 Referent geographical area**

The whole territory of Montenegro.

### **1.6 Concepts and definitions**

Indices of turnover in other 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. Value of turnover without VAT in the reporting quarter is processed.

### **1.7 Classifications**

NACE Rev. 2

### **1.8 Frequency of data collection**

Quarterly.

### **1.9 Frequency of data dissemination**

Quarterly.

## 1.10 Methodology

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

### 1.11 Base period

The base year is 2015.

### 1.12 Unit of measure

Changes compared to the previous periods – percentage (%)

### 1.13 Source of data

The source of data is administrative - Revenue and customs administration of Montenegro (data on traffic based on VAT declaration).

### 1.14 Method of collection data

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: on 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. Data collection was carried out through a web survey, in the period from 6 March to 27 April, 2020. 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 of Montenegro). 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 Error processing the data

The collected data goes through a series of processes before the final grade, which is: encryption, input, editing, imputation, weighting, tabulation, etc. Errors made in these phases are called processing errors.

### 3.3 Data revision

#### 3.3.1 Data revision policy

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

#### 3.3.2 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:

- For 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.

#### 3.3.3 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 quarter.

#### *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:

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

$T1 = 505 \text{ days } d_{\text{first}} - \text{release date of first results}$

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

Deadlines for publication other services data during 2020 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. Services data are published 50 days after the end of the reference period in accordance with release calendar. Information on the new release are treated as preliminary until the next release. 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, 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 site: [Statistical Release Calendar](#)

### 5.3 Releases

Data for turnover index in services are available on website: [Release](#)

### 5.4 Publication

Statistical Office publishes the following regular publications:

1. Monthly Statistical Review,
2. Statistical Yearbook,
3. Montenegro in Numbers,

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: [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 keep a separate record 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 data are geographically comparable with data from other EU countries.

### 6.2 Time comparability

Data have been published since 2010.

#### *Time comparability indicator*

Length of comparable time series indicator is calculated as follows:

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

J<sub>last</sub> - number of the last reference period with disseminated statistics.

J<sub>first</sub> - number of the first reference period with comparable statistics.

According to the above formula, the length of a comparable time series for services survey is 10 years.

Data on retail trade have been available since 2006 on the MONSTAT website, in the section [Data](#) and are comparable over time.