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**QUALITY REPORT 2016**

**Survey on municipal waste**

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## **1. Introduction – Basic information about the survey**

### **1.1 Purpose, goal and subject of the survey**

The aim of the annual survey of municipal waste is to obtain the data on public collection and disposal of waste by municipalities, source of collected waste, and treatment of waste collected.

### **1.2 Legal basis**

The Law on Official Statistics and the Official Statistics System (*Official Gazette of Montenegro No. 18/12*) define provisions for the collection, processing and dissemination of data. The law provides the Statistical Office with a clear and broad legal authority to collect and access the data necessary for the implementation of the Program and the Annual Plan. The Law gives priority to the use of administrative data, as well as the right to access individual data as a result of research by other producers of official statistics. In addition to legal provisions, the Statistical Office has signed several memoranda of cooperation with holders of administrative data.

### **1.3 Statistical units**

Utility companies which receive a license for performing a public service for the collection and disposal of municipal waste from the Secretariat for Local Administration.

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

#### **1.4.1 Sectors**

Communal waste is mainly produced in households, although similar waste is also included from sources such as trade, offices and public institutions.

#### **1.4.2 Statistical population**

Data are collected on total quantities of solid waste collected during the year that are collected from households, shops, small businesses, business buildings, institutions (schools, hospitals, government buildings) and from public areas (streets, squares, parks, markets) excluding : municipal sewerage networks and municipal construction waste and demolition wastes.

### **1.5 Referent geographical area**

Montenegro.

### **1.6 Concepts and definitions**

Waste is any substance or object that the owner has rejected or is obliged to abandon. Municipal waste is waste generated in households as well as other waste that is similar to waste generated by households in accordance with the Law on Waste Management (*Official Gazette of Montenegro, No.80 / 05 and and, No.73 / 08*) and Law on Amendments to the Law on Waste Management (*Official Gazette of Montenegro, no. 039/16 of 29.06.2016*). According to the OECD / Eurostat joint questionnaire on municipal waste, the following types of materials are included: paper, board and paper products, plastics, glass, metal, food and garden waste and textiles.

### **1.7 Classifications**

European List of waste (LoW)

<http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2010:253:0002:0041:EN:PD>.

Statistical classification of waste

<http://www.monstat.org/cg/page.php?id=608&pageid=608ž>.

Rulebook on Waste Classification and Waste Catalog (*Official Gazette of Montenegro, No. 59/13 dated 26.12.2013*).

## 1.8 Frequency of data collection

Data are collected annually.

## 1.9 Frequency of data dissemination

Data are published in the annual period in the form of release on the website of MONSTAT. The data are sent to Eurostat through EDAMIS in the annual period. For structural indicators, the deadline for submitting data to Eurostat is November 17 of the current year for the previous year.

## 1.10 Methodology

Not available.

## 1.11 Base period

Not available.

## 1.12 Unit of measure

Kg.

## 1.13 Source of data

Not available.

## 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**

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.

*Indicators of coverage error*

*Not available.*

##### **3.3.2 Error of measurement**

Not available.

*Nonresponse rate*

*Not available.*

#### **3.4 Seasonal adjustment**

Not available.

#### **3.5 Data revision**

##### **3.5.1 Data revision policy**

The Statistical Office of Montenegro has adopted the audit policy and is available on the web site:

<http://www.monstat.org/cg/page.php?id=1493&pageid=1493>

##### **3.5.2 Data revision practice**

Not available.

##### **3.5.3 Data revision - average size**

Not available.

## 4. Timeliness and punctuality

### 4.1 Timeliness

Data on municipal waste are published on 18 April of the current year for previous year.

*Time lag of the first results*

Not available.

*Time lag of the final results*

Not available.

### 4.2 Punctuality

Not available.

## 5. Availability and clarity

### 5.1 Release

Releases are published on the website of MONSTAT

<http://monstat.org/cg/page.php?id=1009&pageid=64>

There are no special printed editions in the field of waste statistics.

### 5.2 Publication

Not available.

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

## 6. Comparability

### 6.1 Comparability - geographical

Not available.

### 6.2 Comparability - over time

Not available.