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**QUALITY REPORT 2016**

**Annual survey on industrial 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 survey is to collect data on the types and quantities of waste that are generated, internally processed, and disposed by business entities in the industrial sector.

### **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**

Businesses and manufacturing plants of industry sectors that generate waste during the work process.

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

#### **1.4.1 Sectors**

The survey covers following sectors: B (Mining and quarrying), C (Manufacturing industry), D (Electricity, gas, steam and air conditioning supply) and sector E (Water supply, waste water management, waste management and similar activities).

#### **1.4.2 Statistical population**

Businesses and manufacturing plants of the industry sector with more than 10 employees who generate waste during the work process.

### **1.5 Referent geographical area**

Montenegro.

### **1.6 Concepts and definitions**

Waste in this context refers to materials other than primary products (eg products intended for the market) for which the generator does not intend to use them for further use for the purpose of their own production, processing or consumption, and which he rejects or intends to discard or is required to be rejected (OECD / Eurostat Joint Questionnaire on waste). Waste is any matter or object that the owner has rejected or is obliged to discard, in accordance with the Waste Management Law (*Official Gazette of Montenegro, No.80 / 05 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*). Industrial waste is waste generated in production processes in industry and in the field of mining, and it differs from municipal waste in its composition and characteristics.

### **1.7 Classifications**

NACE Rev.

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 is collected in annual periodicity.

## **1.9 Frequency of data dissemination**

The data is published annually in the form of the release in accordance with the Calendar of Publication of Data. The data are sent to Eurostat via EDAMIS every second year. Deadline for submission of data to Eurostat is 30 June of the current 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.

##### **3.3.3 Nonresponse error**

Not available.

*Nonresponse rate*

Not available.

#### **3.4 Seasonal adjustment**

Not available.

#### **3.5 Data revision**

Not available.

##### **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**

According to Statistical Release Calendar the deadline for the publishing of Release on the industrial waste is 16 May of current year.

Data relates to 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**

The data is published annually in the form of a release in accordance with the Calendar of Publication of Data.

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

### **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 keeps 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.