QUALITY REPORT 2016

Annual survey on industrial waste

**Responsible person:** Nataša Vojinović

**Department:** Department for environmental statistics and forestry
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.

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/cgi/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.

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.