



Montenegro

A DECADE
OF INDEPENDENCE
A MILLENNIUM
OF STATEHOOD
MONTENEGRO
2016



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Government of Montenegro
Statistical Office of Montenegro

Release

Municipal waste in Montenegro

2015^(p)

The release comprises selected statistical data on the quantity of generated and collected municipal waste, equipment and machinery in 2015.

In 2015 Montenegro generated 326 477 tonnes of municipal waste or 1.2% less than in 2014. According to estimated number of inhabitants in Montenegro on 1st of January 2015, each inhabitant generated 525 kg of municipal waste per year in average or 1.44 kg municipal waste per day.

In Montenegro from total amount of generated municipal waste 303 697 tonnes of municipal waste were collected, including the subgroup 1501 – Packaging (including separately collected municipal waste in packaging). The public utility enterprises collected 293 842 tonnes of municipal waste (96.8% from total amount collected). Remaining amount of municipal waste were collected by other enterprises that have the permission for collecting of municipal waste and citizens that brought municipal waste directly to the landfill sites. In 2015 in average from each inhabitants of Montenegro the Public utility enterprises collected 472 kg of municipal waste or 1.29 kg of municipal waste per day.

In 2015, most public utility enterprises collected municipal waste stream, which includes mixed municipal waste 79.9%, followed by waste from gardens and parks of 12.7%, followed by separately collected fractions of 7.1% and packaging waste with 0.3% of collected waste. In 2015, 81.0% of the Montenegrin population used the public service in the public municipal waste collection.

The total number of permanent employees in the utilities to the Registry for the local government granted permission to perform the public service of collection and disposal of municipal waste in 2015 amounted to 2 260 employees (as of 31.12.2015.). In comparison with 2014, in 2015 for one day increased the average number of days in which waste was collected.

Donor funding in 2015 compared to 2014 the number of municipal container 1.1.m³ volume increased by 2.8%

(p) Preliminary data

Table 1. Data on municipal waste, equipment, and machinery

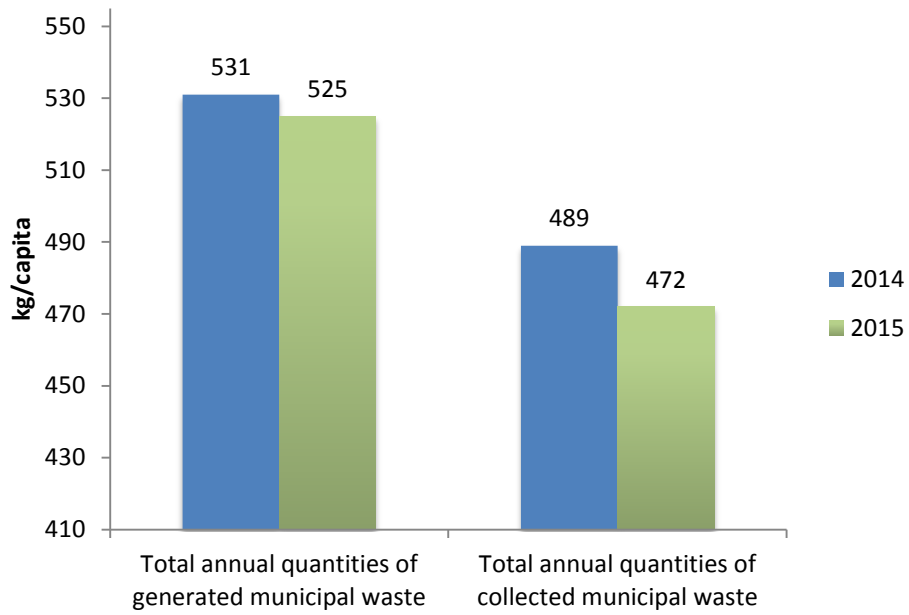
Montenegro	2015
Number of municipalities collecting the waste	21
The estimated population	622 099*
Average number of days in year of collecting the waste	339
Total annual quantities of generated waste – tonnes	326 477
Total annual quantities of generated waste – kg/per capita	525
Total annual quantities of collected municipal waste – tonnes	303 697
Total annual quantities of collected municipal waste by Public utility enterprises – tonnes	293 842
Total annual quantities of collected municipal waste by enterprises and natural persons – tonnes	9 855
Total annual quantities of collected municipal waste – kg/per capita	472
Municipal containers 1.1 m ³ , number	11 204
Trash can 50 l, number	3 383
Garbage truck, number	128
Road washer, number	14

Table 2. Data on municipal waste collected by Public utility enterprises

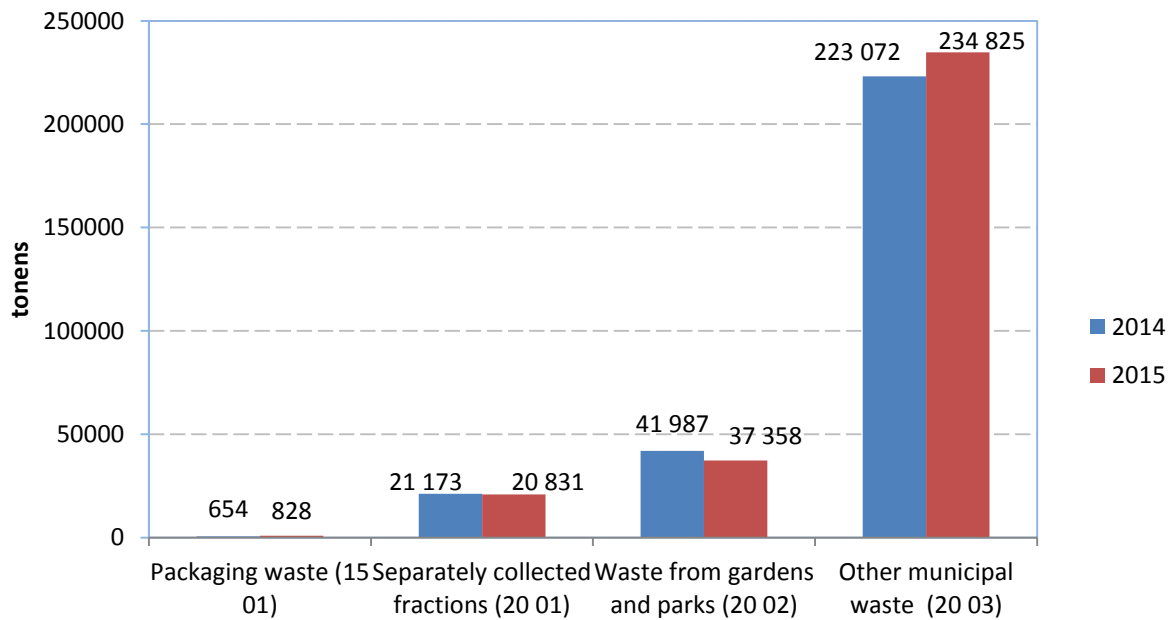
Montenegro	2014	2015	Index 2015/2014
Total annual quantities of collected waste by Public utility enterprises – tonnes	286 886	293 842	102.4
Packaging (15 01)	654	828	126.6
Separately collected fractions (20 01)	21 173	20 831	98.4
Waste from gardens and parks (20 02)	41 987	37 358	89.0
Other municipal waste (20 03)	223 072	234 825	105.3

(*) For 2015 1 January

Graph 1. Generated and collected municipal waste, 2014-2015



Graph 2. Types of collected municipal waste, 2014-2015



METHODOLOGICAL NOTES

The statistical survey on municipal waste (form OT KOM-03) is submitted by using the reporting method at the annual level, with the data on municipal waste, mainly provided on the estimation basis due to the lack of scales to measure waste in the dumps.

The aim of the statistical survey on municipal waste produce reliable data on the public collection and separation of waste by municipalities, the source of collected waste and the treatment of waste collected.

The reporting units are public utility enterprises, i.e. enterprises with the main activity of cleaning and maintaining public areas in town to which the Secretariat for Local Government issued a permit for performance public service of communal waste collection and transportation, and they perform this activity on the whole territory of Montenegro.

The total waste collected included the quantity of municipal waste, which is collected: utility companies, other companies which collected waste from the original waste producer (companies that have a license from the Environmental Protection Agency to deal with the collection and treatment of waste) and all natural persons alone brought directly to the landfill.

The generated amount of municipal waste were estimated based on population and based on the coverage of the public collection in each municipality.

Municipal waste consists: group 20 - Municipal wastes (household waste and similar commercial, industrial waste, including separately collected fractions) and subgroup 1501 - Packaging (including separately collected packaging in municipal waste).

Waste is any substance or subject that the holder discarded or intends to discard it in compliance with the Law (Law on Waste Management, Official Gazette of Montenegro 64/11 as of 29 November 2011).

Municipal waste is the waste that appeared in households or during operations which are similar by their characteristics to the waste appeared in households.

Mixed municipal waste is the waste from the household left after separation of some municipal waste fractions for which the possibility of selective collection is envisaged.

Waste packaging is packaging or packaging material which are waste, in addition to debris that arise when creating packaging.

Waste collection is the waste collecting from the holder including previous classification and temporary waste storage for the needs of transportation to the waste processing facilities.

Separate collection of waste (selection) is the collection of waste in a way that waste in the practices of waste management held separately by type and capacity to facilitate special treatment

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