

Municipal waste in Montenegro 2016

The release comprises selected statistical data on the quantity of generated and collected municipal waste, equipment and machinery in 2016.

In 2016 Montenegro generated 322 260 tons of municipal waste or 3.1% more than in 2015. According to estimated number of inhabitants in Montenegro middle of the year 2016, each inhabitant generated 517.9 kg of municipal waste per year in average or 1.4 kg municipal waste per day.

In Montenegro from total amount of generated municipal waste 291 756 tons of municipal waste were collected, including the subgroup 1501 – Packaging (including separately collected municipal waste in packaging). The public utility enterprises collected 280 988 tons of municipal waste (96.3% from total amount collected). Remaining amount of municipal waste were collected by other enterprises that have the permit for collecting of municipal waste and citizens that brought municipal waste directly to the landfill sites. In 2016 in average from each inhabitants of Montenegro the Public utility enterprises collected 451.5 kg of municipal waste or 1.23 kg of municipal waste per day.

In 2016, most public utility enterprises collected municipal waste stream, which includes mixed municipal waste 81.7%, followed by waste from gardens and parks of 10.2%, followed by separately collected fractions of 8.0% and packaging waste with 0.1% of collected waste.

In 2016, 80% 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 2016 amounted to 2 626 employees (as of 31.12.2015.).

In comparison with 2015, in 2016 for twelve days decreased the average number of days in which waste was collected.

In 2016 comparison with 2015 there has been a number of utility disposal container a volume of 1.1 m³ by 1%.

^(P) preliminary data

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

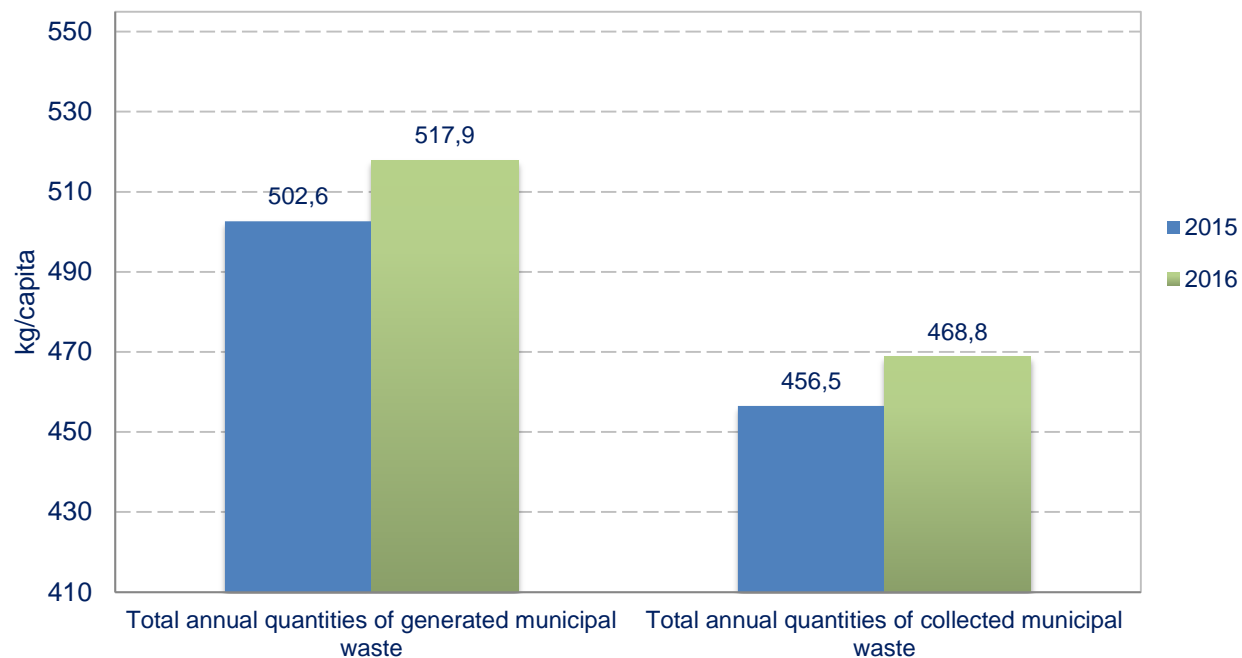
Montenegro	2016
Number of municipalities collecting the waste	23
The estimated population ¹⁾	622 303¹
Average number of days in year of collecting the waste	326
Total annual quantities of generated waste – tonnes	322 260
Total annual quantities of generated waste – kg/per capita	517.9
Total annual quantities of collected municipal waste – tonnes	291 756
Total annual quantities of collected municipal waste by Public utility enterprises – tonnes	280 988
Total annual quantities of collected municipal waste by enterprises and natural persons – tonnes	10 768
Total annual quantities of collected municipal waste – kg/per capita	468.8
Municipal containers 1.1 m ³ , number	11 164
Trash can 50 l, number	2 529
Garbage truck, number	132
Road washer, number	19

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

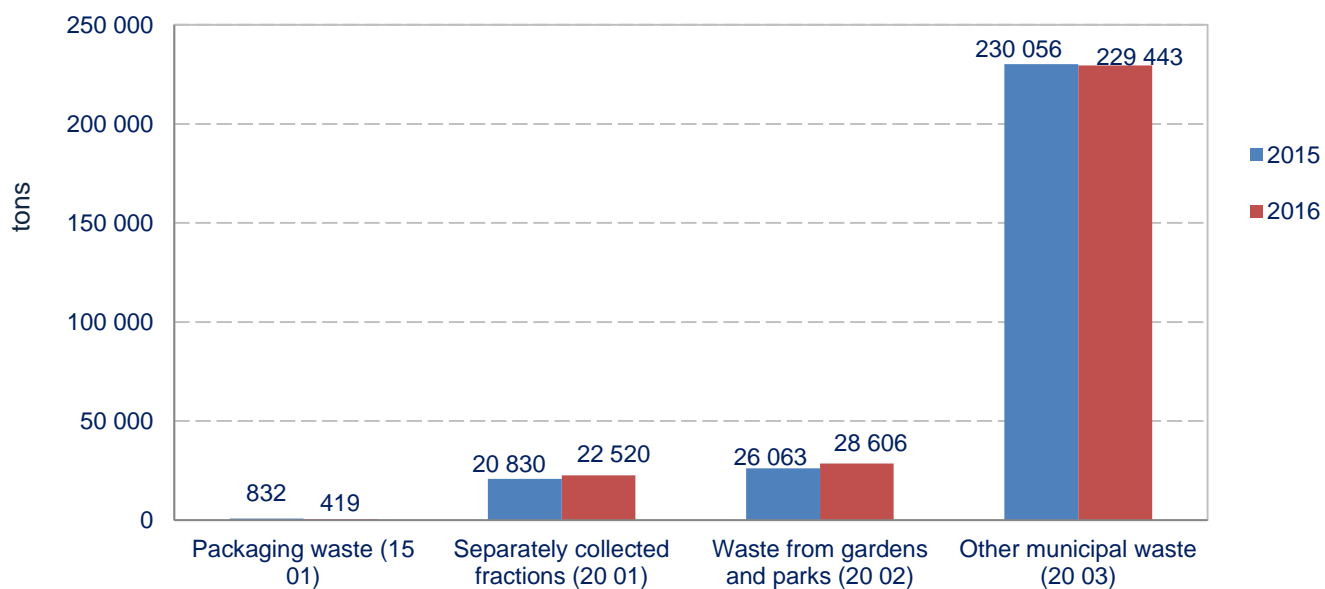
Montenegro	2015	2016	Index 2016/2015
Total annual quantities of collected waste by Public utility enterprises – tonnes	277 781	280 988	101,2
Packaging (15 01)	832	419	50,4
Separately collected fractions (20 01)	20 830	22 520	108,1
Waste from gardens and parks (20 02)	26 063	28 606	109,8
Other municipal waste (20 03)	230 056	229 443	99,7

¹ Estimated number of inhabitants middle of year, 2016

Graph 1. Generated and collected municipal waste, 2015-2016



Graph 2. Types of collected municipal waste, 2015-2016



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 Agency for Nature Protection and the Environment to deal with the collection and treatment of waste) and all natural persons alone brought directly to the landfill.

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 064/11 as of 29 November 2011, 039/16 as of 29 June 2016).

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 including communal waste packaging.

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.

Published and printed by Statistical Office of Montenegro (MONSTAT)
81000 Podgorica, IV Proleterske 2, Phone (+382) 20 230 811, Fax (+382) 20 230 814

The release prepared by:

Natasa VUCKOVIC, MSc

Phone +382 20 230 937

contact@monstat.org