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Public water supply and water protection *2017*

The volume of water abstracted from business entities that manage public water supply and sewage in Montenegro in 2017 compared to 2014 increased by 7.9%. Volume of water abstracted by businesses that manage public water supply and public sewage system in 2017 amounted to 119 048 000 m^3. Water is mainly abstracted from groundwater and spring water 78.2%, 1.7% is abstracted from surface water, while 20.1% of the total volume of water abstracted is from other water supply systems.

In 2017 water distributed in Montenegro amounted to 47 690 000 m^3, which is 4.9% more than in 2014. Water losses in Montenegro in 2017 compared to 2014, increased by 10.1% and amounted to 71 358 000 m^3.

Length of public water supply in 2017 amounted to 5 387 km.

The total amount of wastewater from settlements in Montenegro in 2017 amounted to 20 417 000 m^3. Compared with the 2014 it decreased by 34.2%. The amount of treated wastewater in 2017 increased by 21.9% compared to 2014.

Length of public sewage system in Montenegro in 2017 amounted to 1 237 km.

Table 1. Water supply for settlements, 2017

MONTENEGRO	2014	2017
Volume of water abstracted, thous. m^3	110 301	119 048
from groundwater and spring water	88 950	93 140
from surface water	1 950	2 000
from other water suplply systems	19 401	23 908
Distributed volume of water, thous. m^3	45 462	47 690
Water losses, thous. m^3	64 839	71 358
Length of public water supply system	4 592	5 387

Graph 1. Abstracted and distributed volume of water, water losses

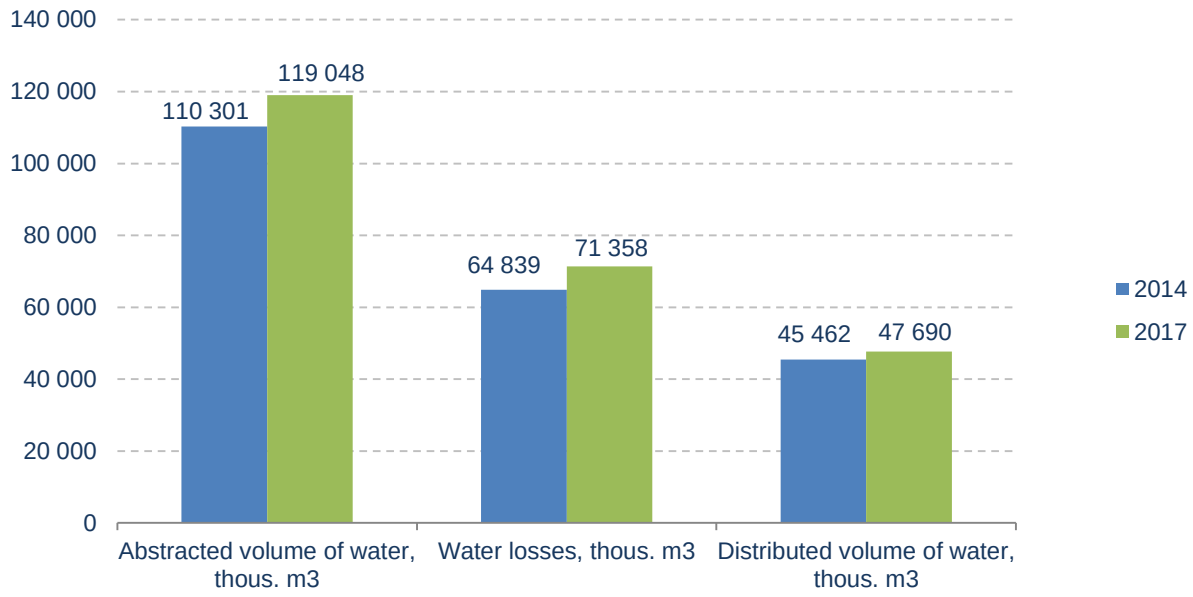

Table 2. Water protection, 2017

MONTENEGRO	2014	2017
Watewater, thous. m^3	31 029	20 417
Treated waste water	9 482	11 564
Untreated waste water	21 547	8 853
Length of public sewage system, km	1 090	1 237

METHODOLOGICAL EXPLANATIONS

Annual Report on Public Water Supply and Public Sewage System is collected on every three years. The Reports are submitted by all enterprises and other types of organisations that manage public water supply and public sewage system (according to the activity classification Sector E – Water supply, waste water management, controlling waste disposal process and similar activities).

Reporting units are not: individual water supply systems, managed by citizens; water supply systems of companies, i.e. water supply systems only used by individual household, i.e. enterprise.

The Report on Public Water Supply System collects the data on: water volumes abstracted from all water sources; water volumes provided; and total water losses.

The Report on Public Sewage System collects the data on: waste water volumes discharged into public sewage or waters; treated and untreated water volumes; sewage system; and devices for the treatment of waste waters.

Public water supply system is a system of structures under the unified management and supervision that provides, collects, treats, and delivers water to the users.

Water sources are all public waters – groundwater or surface water – from which the public water supply systems abstract water (springs of groundwater, springs of water with surface water inflow, running waters, natural and artificial lakes).

Water provided is treated water, i.e. water went through the treatment process aimed at obtaining pure drinking water (sludge, filtrating, chlorinating, etc.), where water chlorinated or distilled is not considered to be processed.

Water losses are volumes of fresh water lost during the transport between abstraction point and usage point, between points of use and re-use, including leaking, fractures, evaporating and errors in water measuring.

Public sewage system is the system of feeder and channels for draining waste water and drainage water from atmosphere.

Waste water is water volume which is considered to be as the waste water, and which is discharged into public sewage or groundwater or surface water. Waste water volumes do not include drainage water from atmosphere. Waste water volumes are defined by the water meter or by using the method of estimation in line with defined production standards.

Wastewater treatment is to render waste water unpolluted and not harmful for using it.

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