

Public water supply and water protection 2020

The volume of water abstracted from business entities that manage public water supply and sewage in Montenegro in 2020 compared to 2017 increased by 1.9%. Volume of water abstracted by businesses that manage public water supply and public sewage system in 2020 amounted to 121 319 000.0 m³. Water is mainly abstracted from groundwater and spring water 80.2%, 1.6% is abstracted from surface water, while 18.2% of the total volume of water abstracted is from other water supply systems.

In 2020 water distributed in Montenegro amounted to 46 797 000.0 m³, which is 1.9% less than in 2017. Water losses in Montenegro in 2020 compared to 2017, increased by 4.4% and amounted to 74 523 000.0 m³.

Length of public water supply in 2020 amounted to 5 482.0 km.

The total amount of wastewater from settlements in Montenegro in 2020 amounted to 26 235 000.0 m³. The amount of treated wastewater in 2020 increased by 78.7% compared to 2017.

Length of public sewage system in Montenegro in 2020 amounted to 1 302.0 km.

Table 1. Water supply for settlements

	2017	2020
Volume of water abstracted, thous. m ³	119 048.0	121 319.0
from groundwater and spring water	93 140.0	97 341.0
from surface water	2 000.0	1 854.0
from other water supply systems	23 908.0	22 124.0
Distributed volume of water, thous. m ³	47 690.0	46 797.0
Water losses, thous. m ³	71 358.0	74 523.0
Length of public water supply system	5 387.0	5 482.0

Graph 1. Abstracted and distributed volume of water, water losses, thous. m³

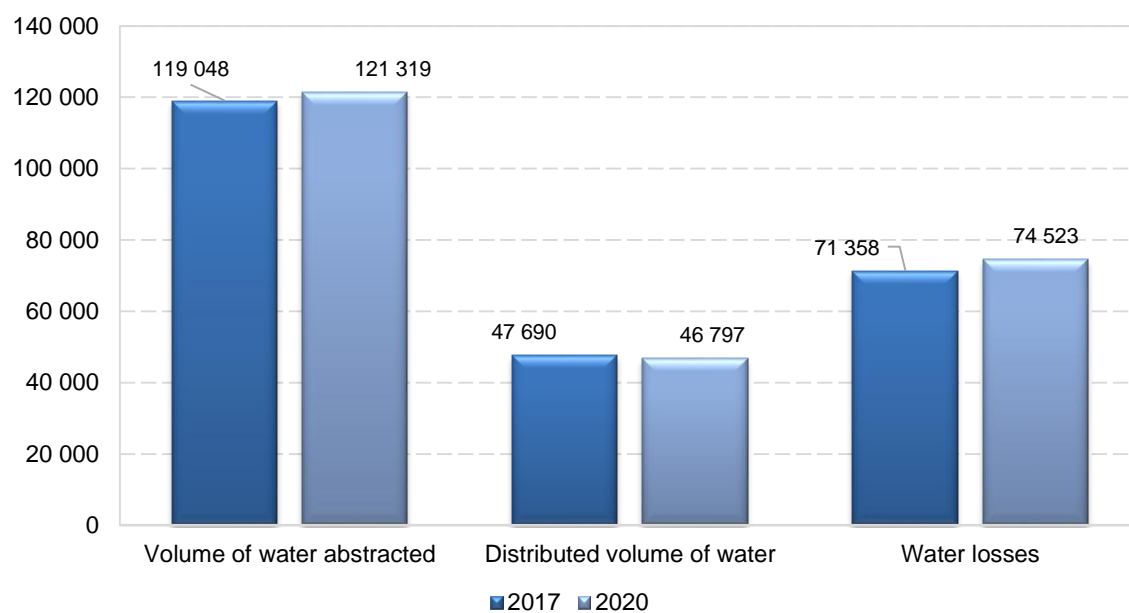


Table 2. Water protection, 2020

	2017	2020
Wastewater, thous. m ³	20 417.0	26 235.0
Treated waste water	11 564.0	20 669.0
Untreated waste water	8 853.0	5 566.0
Length of public sewage system, km	1 23.0	1 302.0

METHODOLOGICAL EXPLANATIONS

The data presented in this Release are collected through two surveys, namely: Water supply of settlements and Wastewater from settlements. The survey periodicity is on every three years. Completed questionnaires for these surveys are submitted by all companies and other forms of organization, which manage public water supply and public sewerage (according to the classification of activities Sector E - Water supply, wastewater management, control of waste disposal processes 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.

Survey on Water supply of settlements collects the data on: water volumes abstracted from all water sources; water volumes provided; and total water losses and Survey on Wastewater from settlements 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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