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Public water supply and water protection
2014

The volume of water abstracted from business entities that manage public water supply and sewage in Montenegro in 2014 compared to 2011 increased by 0.8%. Volume of water by businesses that manage public water supply and public sewage system in 2014 amounted to 110 301 000 m^3. Water is mainly abstracted from groundwater and spring water 80.6%, 1.8% is abstracted from surface water, while 17.6% of the total volume of water abstracted is from other water supply systems.

In 2014 water distributed in Montenegro amounted to 45 462 000 m^3, which is 8.5% less than in 2011. Water losses in Montenegro in 2014 compared to 2011, increased by 8.5% and amounted to 64 839 000 m^3.

Length of public water supply in 2014 amounted to 4 592 km.

The total amount of wastewater from settlements in Montenegro in 2014 amounted to 31 029 000 m^3. Compared with the 2011 it increased by 1.7%. The amount of treated wastewater in 2014 increased by 9.7% compared to 2011, while the amount of untreated wastewater decreased by 1.4%.

Length of public sewage system in Montenegro in 2014 amounted to 1 090 km.

Table 1. Water supply for settlements
2011

MONTENEGRO	**2011**	**2014**
Volume of water abstracted , thous. m³	109 449	110 301
from groundwater and spring waters	88 490	88 950
from surface waters	2 577	1 950
from other water supply systems	18 382	19401
Distributed volume of water, thous. m³	49 677	45 462
Water losses, thous. m³	59 772	64 839
Length of public water supply system, km	4 272	4 592

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

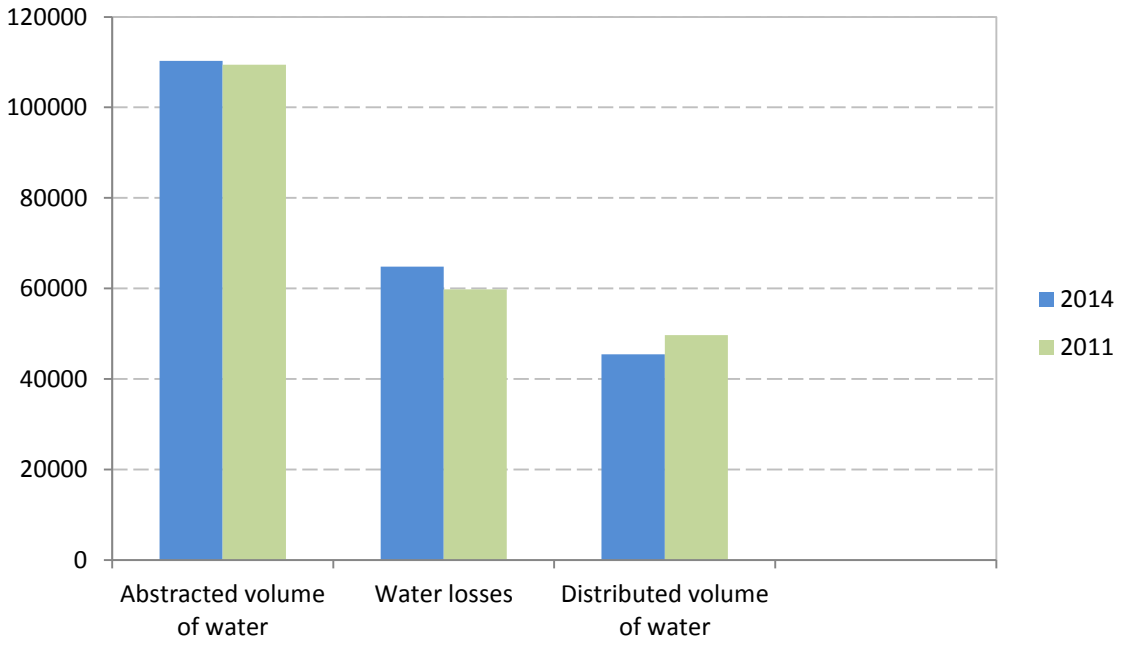

Table 2. Water protection
2011

Thousands m³

CRNA GORA	2011	2014
Wastewater , hilj. m³	30 501	31 029
Treated waste water	8 642	9 482
Untreated waste water	21 859	21 547
Length of public sewage system, km	1 138	1090

METHODOLOGICAL NOTES

Annual Report on Public Water Supply and Public Sewage System is collected every three years. The Report is filled 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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