

RELEASE 153/2022

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Water use and protection against pollution in the industry

2021

The release comprises selected statistical data on captured and used water from the industry in 2021.

Of the total 2 963 909.0 thousands m³ of captured water, there are 2 963 268.0 thousands m³ of water from the own water supply system (surface water 99.9%, underground water 0.1%), and 641.0 thousands m³ from the public water supply.

Specially pointed out are the following areas of activity: Electricity, gas, steam and air-conditioning supply; Manufacture of basic metals and fabricated metal products, except machinery and equipment; Manufacture of food products, beverages and tobacco products and other manufacturing, and repair and installation of machinery and equipment, which capture and use 99.9% of the total water quantity.

Of the total water used in the industry, there is 99.9% of water used in sector Electricity, gas, and steam supply, air-conditioning, while there are 0.1% of water used in sectors Mining and Manufacturing.

Of the total industrial waste water, there are 76.6% from Manufacturing sector, and the rest 23.4% are from Mining and Electricity, gas and steam supply, and air-conditioning supply.

Table 1. Volume of water for industry, by abstraction, 2021

	in thousands m ³		
	From the own water supply system	From the public water supply system	Total
Mining	442.0	36.0	478.0
Manufacturing	2 568.0	514.0	3 082.0
Electricity, gas, steam, and air-conditioning supply	2 960 258.0	91.0	2 960 349.0
Total	2 963 268.0	641.0	2 963 909 .0

Table 2. Areas of activity with the highest capture, 2021

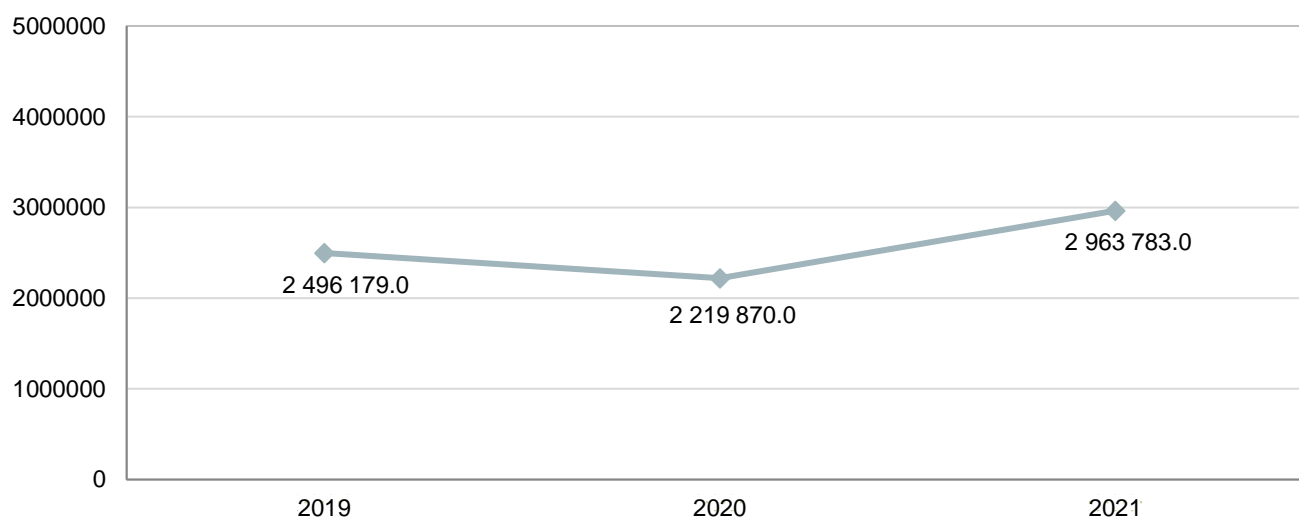
	in thousands m ³		
	From the own water supply system	From the public water supply system	Total
Electricity, gas, steam and air-conditioning supply	2 960 258.0	91.0	2 960 349.0
Manufacture of basic metals and fabricated metal products, except machinery and equipment	2 215.0	16.0	2 231.0
Manufacture of food products, beverages and tobacco products	258.0	441.0	699.0
Mining	442.0	36.0	478.0

Table 3. Water use in industry by purpose, 2021

	in thousands m ³			
	For technological process	For sanitary needs	For other purposes	Total
Mining	467.0	18.0	2.0	487.0
Manufacturing	2 521.0	388.0	38.0	2 947.0
Electricity, gas, steam, and air-conditioning supply	2 959 633.0	62.0	654.0	2 960 349.0
Total	2 962 621.0	468.0	694.0	2 963 783.0

Table 4. Waste water from industry, 2021

	Total waste water in thousands m ³	Share of waste water by activity areas in %
Mining	62.0	1.9
Manufacturing	2 568.0	76.6
Electricity, gas, steam and air-conditioning supply	720.0	21.5
Total	3 350.0	100.0

Graph 1. Water use in industry 2019-2021 (in thousands m³)

METHODOLOGICAL NOTES

The report on use and protection of water against the pollution in the industry is produced by the reporting method at the annual level.

The purpose of this survey is to collect the data on the volume of captured, used, and discharged water within the industry.

The reporting units are business entities with ten employees and over, whose main activity is classified according to the Classification of Activities 2010 in sectors: Mining, Manufacturing, and Electricity Supply.

Data sources are accounting and other records, and documents possessed by a reporting unit. If there are no adequate documents and records for certain data, a person with appropriate expertise performs the assessment.

Water used is all quantities of water supplied to reporting units, and which were used in production activity during the reporting unit.

The own water supply system is every supply of water by the side of users for their final consumption.

Waste water is water treated as the waste after being used, and transported to purification plants, or drained out (underground water, surface waters). Waste water volume does not include atmospheric or running waters (used for hydroelectric power stations).

Purified waste water is the quantity of waste water treated during the reporting year.

Surface water is all water running or stagnant at the surface of Earth. It includes springs, rivers, lakes, reservoirs, etc., as well as artificially made channels for the purposes of irrigation, waterways, and similar.

Underground water is the water resource in underground formations.

When using the data, please state: 'Data source: Statistical Office of Montenegro – MONSTAT'

Detailed data and methodological notes: [Water statistics](#)