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Water use and protection against pollution in the industry *2014*

The release comprises selected statistical data on captured, used and waste water from the industry in 2014.

Of the total 3 345 416 thousands m³ of captured water, there are 3 344 627 thousands m³ of water from the own water supply system (surface water 99,79%, underground water 0,21%), and 789 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 99.99% of the total water quantity.

Of the total water used in the industry, there are 99,80% of water used in sector Electricity, gas and steam supply, air-conditioning, while there are 0.20% of water used in sectors Mining and Manufacturing.

Of the total industrial waste water, there are 90,35% from Manufacturing sector, and the rest 9,65% are from Mining and Electricity, gas and steam supply, and air-conditioning supply.

The total quantity of used water in 2014 compared with 2013 decreased by 26,8%, while compared with 2012 it increased by 15,8%.

1. Volume of water for industry by abstraction, 2014

in thousands m³

	From the own water supply system	From the public water supply system	**Total**
Mining	492	42	**534**
Manufacturing	7 605	682	**8 287**
Electricity, gas, steam and air-conditioning supply	3 336 530	65	**3 336 595**
Total	**3 344 627**	**789**	**3 345 416**

2. Areas of activity with the highest capture, 2014

in thousands m³

	From the own water supply system	From the public water supply system	**Total**
Electricity, gas, steam and air-conditioning supply	3 336 530	65	**3 336 595**
Manufacture of basic metals and fabricated metal products, except machinery and equipment	7 472	38	**7 510**
Manufacture of food products, beverages and tobacco products	92	515	**607**
Mining	492	42	**534**

3. Water used in industry by purpose, 2014

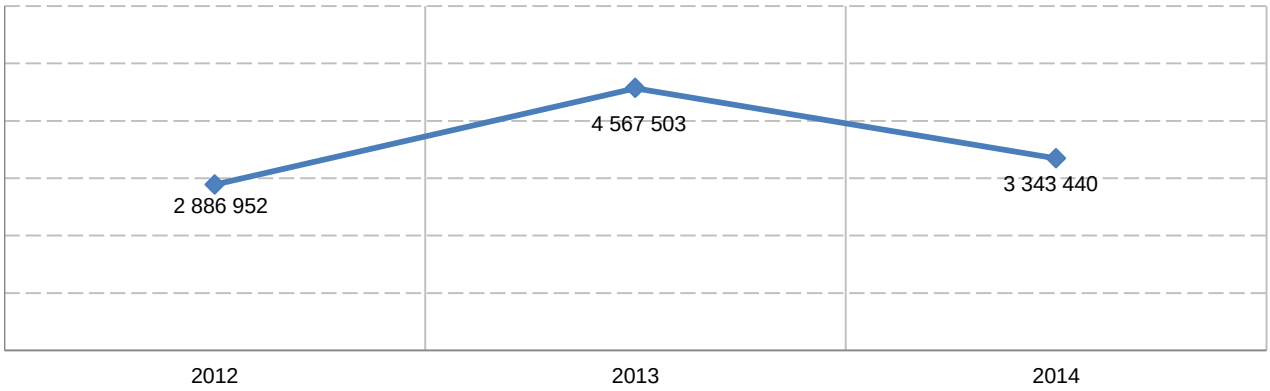
in thousands m³

	For technological process	For sanitary needs	For other purposes	**Total**
Mining	506	12	16	534
Manufacturing	4 984	435	892	6 311
Electricity, gas, steam and air-conditioning supply	3 336 139	64	392	3 336 595
Total	**3 341 629**	**511**	**1 300**	**3 343 440**

4. Waste water from industry, 2014

	Total waste water[1] in thousands m³	Share of waste water by activity areas in %
Mining	180	2,71
Manufacturing	5 993	90,35
Electricity, gas, steam and air-conditioning supply	460	6,94
Total	**6 633**	**100**

1.1. Use of water in industry 2012-2014 (in thousands m³)



[1] Running waters excluded (as for HE power stations, etc.).

METHODOLOGICAL NOTES

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

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

The reporting units are business entities with ten and more employees 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 quantities do not include atmospheric or running waters (used for hydroelectric power stations).

Purified waste water is the quantity of waste water purified 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.

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:

Department for environmental statistics and forestry

Phone +382 20 230 937

e-mail: contact@monstat.org