

STATISTICAL RELEASE

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Environmental statistics

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Water use and protection against pollution, 2016

– Preliminary results –

The data represent the preliminary results on abstracted, used, discharged, reused water from industry a in 2016.

In 2016, water abstraction was by 24,1% increased relative to 2015, whereof, in 2016 1.9% more ground and spring water was abstracted and 24.4% more surface water.

1. Abstracted, used, discharged, reused water from industry and water losses from industry, 2014–2016

Republic of Serbia	mill. m ³		
	2014	2015	2016
Abstracted water ¹⁾	2 693	3 324	4 127
Water use ¹⁾	2 693	3 324	4 127
Discharged water ¹⁾	2 660	3 290	4 094
Treated water	85	99	103

¹⁾ Water used for hydropower plants is excluded.

Of the total 4 127 mill. m³ of abstracted waters, 99.6% are from self-supply (surface water – 98.9%, ground water 0.7%) and 0.4% is from public water supply.

2. Water abstraction from industries, by type of supply system, 2016

Republic of Serbia	Total, mill. m ³	Percentage of abstracted water from public water supply	Percentage of abstracted water from self-supply	
			Ground water	Surface water
Abstracted water¹⁾²	4 127	0,4	0,7	98,9
Mining and quarrying	9	4,0	21,7	74,3
Manufacturing	119	11,4	21,6	67,0
Electricity, gas , steam and air conditioning supply	3 997	0,1	0,1	99,8

¹⁾ Water used for hydropower plants, which is not included in this table, in 2016 amounted 185 865 mill. m³.

²⁾ Water use includes division Waste collection, treatment and disposal activities; materials recovery.

Out of the total used water in industries, 96.9% refers to water used in section Electricity, gas, steam and air conditioning supply, 2.9% to water used in Manufacturing, while 0.2% relates to water used in Mining and quarrying.

3. Water use in industry, by type of use, 2016

Republic of Serbia

mill. m³

Division (CA)	Total ¹⁾	Cooling water for electricity generation	Other cooling water	Water in technological process	Sanitary water	Other industrial use of water
Water use²⁾	4 127	3 945	57	58	11	55
Mining and quarrying	9	-	0	7	1	1
Manufacturing industry	119	1	57	45	8	8
Manufacture of food products and beverages	23	-	3	13	3	5
Manufacture of textiles, wearing apparel and leather and related products	3	-	0	2	1	0
Manufacture of paper and paper products	3	-	0	3	0	0
Manufacture of coke and refined petroleum products, chemicals and chemical products and basic pharmaceutical products and pharmaceutical preparations	52	1	39	10	1	1
Manufacture of basic metals	26	-	14	12	1	0
Manufacture of motor vehicles, trailers and semi-trailers and other transport equipment	1	-	0	1	0	0
Other manufacturing industry ⁴⁾	10	-	1	5	2	2
Electricity, gas, steam and air conditioning supply	3 997	3 944	0	6	2	45

¹⁾ In total water use in industry is included evaporated water used for cooling purposes.

²⁾ Water used for hydropower plants, which are not included in this table, in 2016 amounted 185 865 mill. m³.

³⁾ Water use includes division Waste collection, treatment and disposal activities; materials recovery.

⁴⁾ Manufacture of tobacco products, Manufacture of wood and of products of wood and cork, except furniture, Printing and reproduction of recorded media, Manufacture of rubber and plastic products, Manufacture of other non-metallic mineral products, Manufacture of fabricated metal products, except machinery and equipment, Manufacture of computer, electronic and optical products, Manufacture of electrical equipment, Manufacture of machinery and equipment, Manufacture of furniture, Other manufacturing, Repair and installation of machinery and equipment.

Of the total discharged wastewater from industry, 97.3% comes from section Electricity, gas, steam and air conditioning supply, 2.6% from Manufacturing and 0.1% from Mining and quarrying.

4. Discharged water from industry, 2016

Republic of Serbia

mill. m³

	Total	Discharged water, of which:	
		For cooling	Untreated wastewater
Discharged water¹⁾²⁾	4 094	4 002	92
Mining and quarrying	4	0	4
Manufacturing industry	106	58	48
Electricity, gas, steam and air conditioning supply	3 983	3 944	39

¹⁾ In total discharged water, water used for hydropower plants are not included.

²⁾ Water use includes division Waste collection, treatment and disposal activities; materials recovery.

5. Treated and reused water from industry, 2016

Republic of Serbia

mill. m³

	Treated discharged water				Reused water
	Total	Primary treatment	Secondary treatment	Tertiary treatment	
Treated¹⁾ and reused water	103	91	9	4	1
Mining and quarrying	2	1	1	0	0
Manufacturing industry	45	34	7	4	0
Electricity, gas, steam and air conditioning supply	56	56	1	-	1

¹⁾ Water use includes division Waste collection, treatment and disposal activities; materials recovery.

Methodological notes

Starting from 1999 the Statistical Office of the Republic of Serbia has not at disposal and may not provide available certain data relative to AP Kosovo and Metohia and therefore these data are not included in the coverage for the Republic of Serbia (total).

Methodological explanations on Water use and protection against pollution can be found on the SORS website: <http://webzrs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=201>

Data series on Water use and protection against pollution are available within the SORS database:

<http://webzrs.stat.gov.rs/WebSite/public/ReportView.aspx> , and as a part of the SORS publications:

<http://webzrs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=200>.

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