

STATISTICAL RELEASE

ZS40

Number 118 • Year LXVII, 26/05/2017

Environmental statistics

SERB118 ZS40 260517

Urban wastewater, 2016

– Preliminary data –

The data represent the preliminary results of the survey on wastewater discharged with the wastewater collecting system. The tables present 2016 data on wastewater by origin and wastewater by treatment methods.

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 Metohija and therefore these data are not included in the coverage for the Republic of Serbia (total).

The total amount of wastewater in 2016 decreased by 3.5% compared to the referent period 2015, of which the amount of wastewater discharged into wastewater collecting system decreased by 4.2% relative to 2015. The amount of wastewater discharged into septic tanks decreased by 1.6% compared to 2015.

1. Wastewater in the Republic of Serbia ¹⁾, 2016

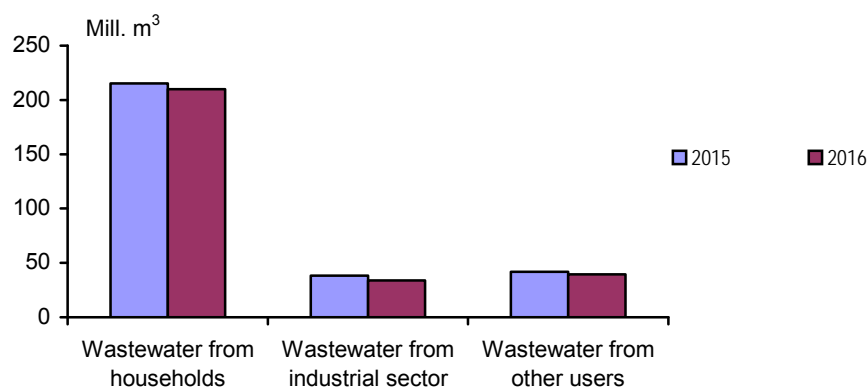
Republic of Serbia

	Total	Beogradski region	Region Vojvodine	Region Šumadije i Zapadne Srbije	Region Južne i Istočne Srbije	Region Kosovo i Metohija
Total wastewater, thous. m ³	394 044	136 809	96 348	91 031	69 856	...
Wastewater discharged into with wastewater collecting system, thous. m ³	283 216	107 015	56 810	69 677	49 714	...
Wastewater discharged into septic tanks ²⁾ , thous. m ³	110 828	29 794	39 538	21 354	20 142	...

¹⁾ Discharged wastewater, without surface runoff

²⁾ Waste water discharged to a septic tank is estimated as 90% of distributed water quantities.

Graph 1 Discharged water in the Republic of Serbia, by origin, 2015–2016



2. Wastewater in the Republic of Serbia, by origin¹⁾, 2016

Republic of Serbia

	Wastewater discharged into wastewater collecting system, thous. m ³				Number of households connected to wastewater collecting network
	Total	From households	From industrial sector ²⁾	From other users ³⁾	
Total	283 216	209 818	33 944	39 454	1 502 072
Srbija - sever	163 825	120 066	22 039	21 720	877 018
Beogradski region	107 015	74 897	19 169	12 949	536 591
Region Vojvodine	56 810	45 169	2 870	8 771	340 427
Srbija – jug	119 391	89 752	11 905	17 734	625 054
Region Šumadije i Zapadne Srbije	69 677	50 186	6 948	12 543	375 875
Region Južne i Istočne Srbije	49 714	39 566	4 957	5 191	249 179
Region Kosovo i Metohija

¹⁾ Discharged wastewater, without surface runoff

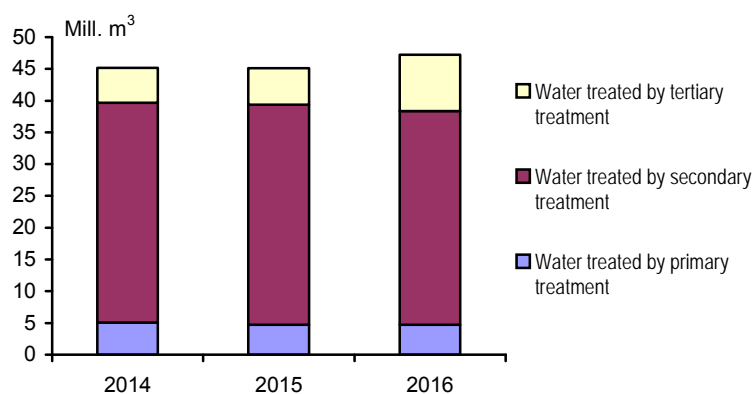
²⁾ Industrial sector include water from enterprises from the following sectors: Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply

³⁾ Other users include water from enterprises from the following sectors: Agriculture, forestry and fishing, Construction and services activities.

Into public sewerage system in 2016 households discharged by 2.5% less wastewater than in 2015, from the industrial sector discharged by 11.4% less wastewater, while other users have discharged by 5.9% less wastewater than in the same period last year.

In 2016, treated wastewater increased by 4.7% compared to 2015 and the most frequently applied method was secondary treatment.

Graph 2 Treated wastewater in the Republic of Serbia, by treatment method, 2014–2016



3. Wastewater¹⁾, 2014–2016

Republic of Serbia

	2014	2015	2016 ²⁾
Total urban wastewater, thous. m ³	397 553	408 208	394 044
Wastewater discharged into wastewater collecting system, thous. m ³	295 483	295 542	283 216
From households	216 777	215 283	209 818
From industrial sector ³⁾	41 859	38 310	33 944
From other users ⁴⁾	36 847	41 949	39 454
Treated urban wastewater, thous. m ³	45 184	45 126	47 244
Primary treatment	5 096	4 733	4 743
Secondary treatment	34 557	34 629	33 618
Tertiary treatment	5 531	5 764	8 883
Wastewater collecting network			
Total length of wastewater collecting network, km	15 751	15 939	16 190
Main collectors	2 510	2 542	2 556
Collecting networks	13 241	13 397	13 634

¹⁾ Discharged wastewater, without surface runoff

²⁾ Preliminary data

³⁾ Industrial sector include water from enterprises from the following sectors: Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply

⁴⁾ Other users include water from enterprises from the following sectors: Agriculture, forestry and fishing, Construction and services activities.

Methodological explanations on wastewater discharged can be found on the SORS website: <http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=201>.

Data series on wastewater discharged from the reference year 2007 are available within the SORS database: <http://webrzs.stat.gov.rs/WebSite/public/ReportView.aspx>, and as a part of the SORS publications: <http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=200>.

Contact: neda.cukavac@stat.gov.rs; dusanka.dostanic@stat.gov.rs; phone: 011/3290242
 Published and printed by: Statistical Office of the Republic of Serbia, Milana Rakica 5, Belgrade
 Phone: +381 11 2412922 • Fax: +381 11 2411260 • www.stat.gov.rs
 Responsible: Dr Miladin Kovačević, Director
 Circulation: 20 • Issued annually