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Environmental statistics

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Wastewater discharged in the Republic of Serbia, 2012

– Preliminary data –

The data represent the preliminary results of the survey on wastewater discharged with the wastewater collecting system. The tables present 2012 data on wastewater by origin and wastewater by treatment methods.

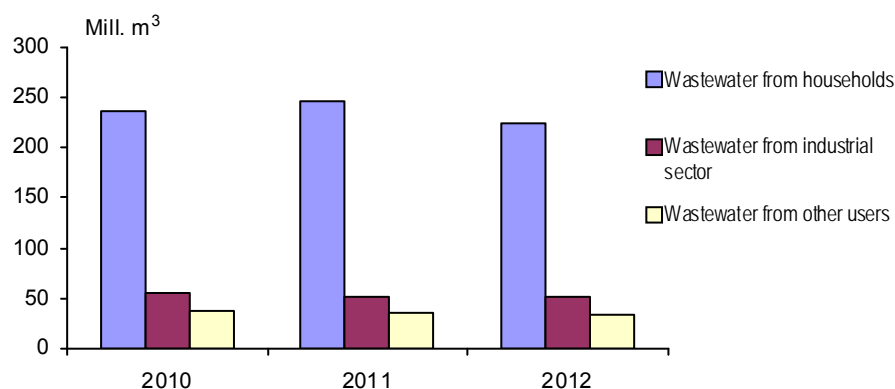
Total quantity of wastewater in 2012 decreased by 2.2% compared to the referent period 2011, out of which wastewater discharged in municipalities with wastewater collecting system decreased by 7.5% relative to 2011 and in municipalities without wastewater collecting system, discharged wastewater increased by 13.8% compared to 2011.

In 2012, regarding the municipalities with wastewater collecting system, discharged wastewater of households decreased by 9.2% relative to 2011, industrial sector produced 1.1% less wastewater, while discharged wastewater of other users decreased by 4.9% relative to same period in 2011.

In 2012, treated wastewater decreased by 10.3% compared to 2011 and the most frequently applied method was secondary treatment.

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).

Graph 1. Discharged water in the Republic of Serbia, by origin, 2010–2012



1. Wastewater in the Republic of Serbia, by origin¹⁾, 2012

Republic of Serbia

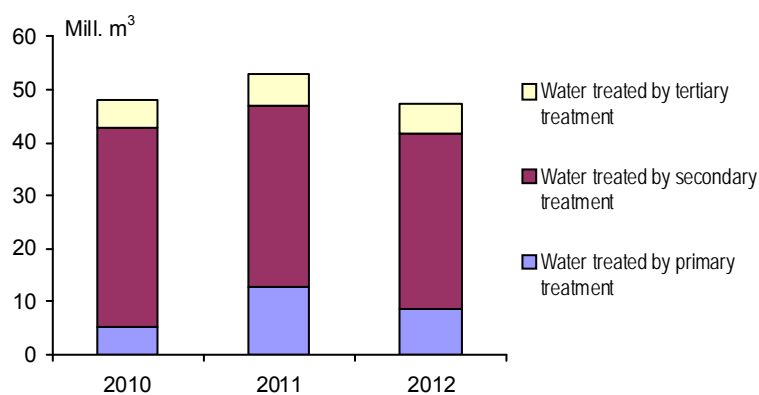
	Total wastewater, thous. m ³	Wastewater from municipalities with wastewater collecting system, thous. m ³				Wastewater from municipalities without wastewater collecting system ³⁾ , thous. m ³	Number of households connected to wastewater collecting network
		Total	From households	From industrial sector	From other users ²⁾		
Total	434 958	309 745	224 260	51 540	33 945	125 213	1 475 677
Serbia – North	256 809	180 608	129 009	31 649	19 950	76 201	860 224
Region of Belgrade	145 778	118 136	81 312	23 949	12 875	27 642	518 586
Region of Vojvodina	111 031	62 472	47 697	7 700	7 075	48 559	341 638
Serbia – South	178 149	129 137	95 251	19 891	13 995	49 012	615 453
Region of Šumadija and West Serbia	101 093	75 401	54 615	12 701	8 085	25 692	367 100
Region of South and East Serbia	77 056	53 736	40 636	7 190	5 910	23 320	248 353
Region of Kosovo and Metohija	...	...	...	...	...	...	...

¹⁾ Preliminary data.

²⁾ Other users include water from enterprises from the following divisions: agriculture, forestry, fishing, hospitals, schools, hotels, restaurants and other public utilities, other public water supply systems, as well as water for own consumption

³⁾ Wastewater from municipalities without wastewater collecting system is estimated as 90% of water quantities distributed to those municipalities.

Graph 2. Treated wastewater in the Republic of Serbia, by treatment method, 2010–2012



2. Wastewater in the Republic of Serbia, by treatment methods¹⁾, 2012

Republic of Serbia

	Treated wastewater quantity, thous. m ³				Wastewater discharged from municipalities with wastewater collecting system, thous. m ³	Share of treated wastewater in total wastewater discharge, %
	Total	Primary treatment	Secondary treatment	Tertiary treatment		
Total	47 511	8 594	33 171	5 746	309 745	15.3
Serbia – North	14 755	1 643	7 561	5 551	180 608	8.2
Region of Belgrade	–	–	–	–	118 136	–
Region of Vojvodina	14 755	1 643	7 561	5 551	62 472	23.6
Serbia – South	32 756	6 951	25 610	195	129 137	25.4
Region of Šumadija and West Serbia	28 604	6 866	21 738	–	75 401	38
Region of South and East Serbia	4 152	85	3 872	195	53 736	7.7
Region of Kosovo and Metohija	...	...	...	...	...	...

¹⁾ Preliminary data

3. Wastewater, 2010–2012

Republic of Serbia

	2010	2011	2012 ¹⁾
Total urban wastewater, thous. m ^{3 2)}	438 493	444 893	434 958
Wastewater from municipalities with wastewater collecting system, thous. m ³	328 582	334 864	309 745
From households	236 010	247 085	224 260
From industrial sector	54 906	52 094	51 540
From other users ³⁾	37 666	35 685	33 945
Treated urban wastewater, thous. m ³	48 011	52 971	47 511
Primary treatment	5 456	12 734	8 594
Secondary treatment	37 411	34 235	33 171
Tertiary treatment	5 144	6 002	5 746
Wastewater collecting network			
Total length of wastewater collecting network, km	14 512	14 948	15 125
Main collectors	2 208	2 341	2 393
Collecting networks	12 304	12 607	12 732
Number of households connected to wastewater collecting network	1 359 385	1 419 482	1 475 677

¹⁾ Preliminary data

²⁾ Other users include water from enterprises from the following divisions: agriculture, forestry, fishing, hospitals, schools, hotels, restaurants and other public utilities, other public water supply systems, as well as water for own consumption

³⁾ Wastewater from municipalities without wastewater collecting system is estimated as 90% of water quantities distributed to those municipalities.

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 2004 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>.

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