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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).

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

![](data:application/x-msmetafile;base64,)

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

**Republic of Serbia**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | Total wastewater, thous. m3 | Wastewater from municipalities with wastewater collecting system, thous. m3 | | | | Wastewater from municipalities without wastewater collecting system3), thous. m3 | 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**

![](data:application/x-msmetafile;base64,)

**2. Wastewater in the Republic of Serbia, by treatment methods**1)**, 2012**

**Republic of Serbia**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Treated wastewater quantity, thous. m3 | | | | Wastewater discharged from municipalities with wastewater collecting system, thous. m3 | 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 | 20121) |
|  |  |  |  |
| Total urban wastewater, thous. m3 2) | 438 493 | 444 893 | 434 958 |
| Wastewater from municipalities with wastewater collecting system, thous. m3 | 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. m3 | 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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| *Contact: [milijana.ceranic@stat.gov.rs](mailto:milijana.ceranic@stat.gov.rs); [neda.cukavac@stat.gov.rs](mailto:neda.cukavac@stat.gov.rs) phone: 011/2412922 ext. 246*  *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: Dragan Vukmirovic, PhD, Director Circulation: 20 • Issued annually* |