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**Irrigation in Republic of Serbia, 2012**

**‒ Preliminary data ‒**

During 2012, total water abstracted for irrigation was 110 445 thous. m3, of which most was pumped from rivers (91%), while the rest was abstracted from the groundwater, lakes and reservoirs and from public water supply network.

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).

**Graph 1. Abstracted irrigation water by abstraction source in the Republic of Serbia, 2012**

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

**Graph 2. Total irrigation waters in the Republic of Serbia, 2007-2012**

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

**1. Abstracted and used irrigation water**1)**, 2012 by Regions**

thous. m3

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Republic of Serbia | | | | | |
| Total | Belgrade | Vojvodina | Šumadija and West Serbia | South and East Serbia | Kosovo and Metohija |
|  |  |  |  |  |  |  |
| Abstracted irrigation waters | 110 445 | 22 520 | 47 035 | 657 | 40 233 | ... |
| From ground waters | 5 768 | 51 | 4 614 | 657 | 446 | ... |
| From fivers | 100 160 | 22 465 | 37 922 | - | 39 773 | ... |
| From other sources | 4 517 | 4 | 4 499 | - | 14 | ... |
| Used irrigation waters | 102 669 | 17 736 | 44 143 | 557 | 40 233 | ... |

1) Preliminary data.

**Graph 3. Irrigated areas by irrigation type in the Republic of Serbia, 2012**

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

In 2012, 94 532 ha were covered by irrigation systems of which irrigated area was 52 986 ha, and the most frequent type of irrigation, as in the previous year, was sprinkling irrigation. Out of total irrigated area, 90% was irrigated by sprinkling irrigation, while both the surface irrigation and irrigation drop by drop covered 5% of the irrigated area, each.

**2. Irrigated area under crops/plantations1), 2012 by Regions**

**Republic of Serbia** ha

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Surface irrigation | Sprinkling | Drop by drop | Arable area | |
| Total | From that: Irrigated area |
|  |  |  |  |  |  |
| Total | 2 676 | 47 744 | 2 566 | 4 215 557 | 52 986 |
|  |  |  |  |  |  |
| Belgrade | - | 4 089 | 76 | 200 832 | 4 165 |
| Vojvodina | 1 375 | 35 324 | 1 136 | 1 646 779 | 37 835 |
| Šumadija and West Serbia | 197 | 12 | 91 | 1 223 905 | 300 |
| South and East Serbia | 1 104 | 8 319 | 1 264 | 1 144 041 | 10 686 |
| Kosovo and Metohija | ... | ... | ... | ... | ... |

1) Preliminary data.

The share of irrigated area in relation to the total utilized agricultural area in 2012 was 1.26%, while in relation to area covered by irrigation systems the share was 56.0%.

**3. Facilities and equipment for irrigation, 2008-2012**

**Republic of Serbia**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | 2008 | 2009 | 2010 | 2011 | 2012**1)** |
|  |  |  |  |  |  |
| **Facilities and equipment for irrigation** |  |  |  |  |  |
| Pumping plants (number) | 564 | 770 | 510 | 543 | 818 |
| Sprinkler systems (number) | 449 | 480 | 375 | 371 | 531 |
| Total canals, km | 1 258 | 2 297 | 658 | 517 | 772 |
| Total pipelines, km | 1 110 | 1 739 | 930 | 748 | 1 212 |

1) Preliminary data.

Methodological explanations on irrigation can be found on the SORS website: [http://webrzs.stat.gov.rs/WebSite/Publi](http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=201)[c/PageView.aspx?pKey=201](http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=201).

Data series on irrigation 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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