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Environmental statistics

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Drinking water supply in the Republic of Serbia, 2011

– Preliminary data –

The data represent the preliminary results of the annual survey on drinking water supply from water supply system in 2011. The tables present data on abstracted and distributed water, number of households connected to public water supply system and water losses percentages.

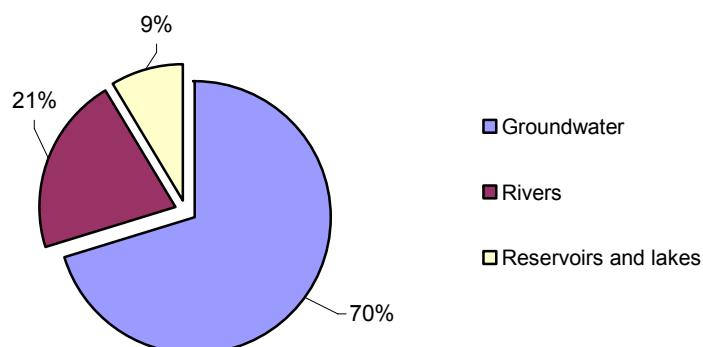
In 2011, quantity of abstracted water decreased by 2.3% relative to 2010 and quantity of distributed water decreased by 2.8% compared to 2010. Compared to 2010, water distributed to households decreased by 3.2%, water distributed to industrial sector increased by 1.5% and to other users decreased by 4.6%.

Number of households to which water was distributed increased in 2011 by 3.2% relative to 2010.

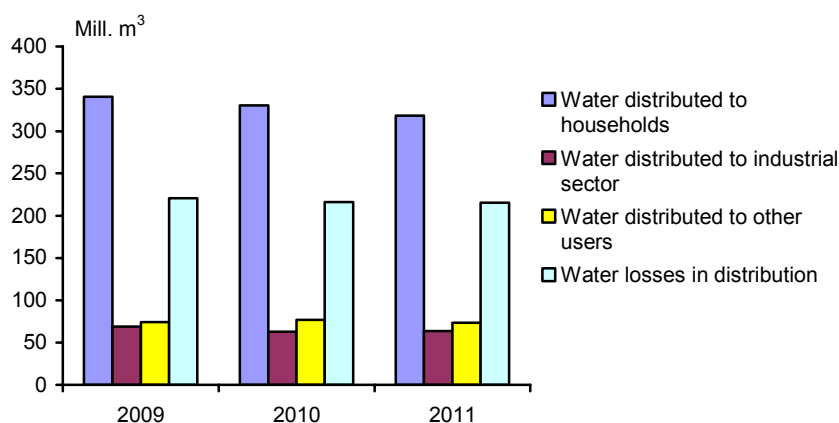
Percentage share of water losses in distribution of total water abstraction increased by 0.6% in 2011 compared to 2010.

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. Abstracted water, by source in the Republic of Serbia, 2011



Graph 2. Distributed water and losses in the Republic of Serbia, 2009-2011



1. Abstracted and distributed water quantities and water losses from water supply system ¹⁾, 2011

Republic of Serbia

	Total abstracted water, thous. m ³	Distributed water, thous.m ³				Number of households to which water was distributed	Percentage share of water losses in total water abstraction
		Total	To households	To industrial sector	To other users ²⁾		
Total	670 730	455 260	318 246	63 550	73 464	2 168 223	32.1
Serbia – North	366 620	263 995	185 263	37 490	41 242	1 296 403	27.9
Region of Belgrade	223 998	151 610	107 949	28 194	15 467	607 312	32.3
Region of Vojvodina	142 622	112 385	77 314	9 296	25 775	689 091	21.2
Serbia – South	304 110	191 265	132 983	26 060	32 222	871 820	37.1
Region of Šumadija and Western Serbia	171 510	107 294	74 145	12 968	20 181	511 557	37.4
Region of Southern and Eastern Serbia	132 600	83 971	58 838	13 092	12 041	360 263	36.7

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.

2. Drinking water supply, 2009-2011

	2009	2010	2011 ¹⁾
REPUBLIC OF SERBIA			
Water abstracted, (thous. m³) from:	704 105	686 561	670 730
Distributed water, thous. m³	483 501	470 399	455 260
Households	340 541	330 563	318 246
Industrial sector	68 705	62 655	63 550
Other users ²⁾	74 255	77 181	73 464
Water losses, thous. m³	220 604	216 162	215 470
Water supply network			
Length of public water supply network, km	33 625	34 761	35 938
Number of households connected on public water supply network	2 067 260	2 101 766	2 168 223
Region of Belgrade			
Water abstracted, (thous. m³) from:	237 498	224 520	223 998
Distributed water, thous. m³	161 284	153 228	151 610
Households	116 050	111 121	107 949
Industrial sector	31 259	29 210	28 194
Other users ²⁾	13 975	12 897	15 467
Water losses, thous. m³	76 214	71 292	72 388
Water supply network			
Length of public water supply network, km	4 791	4 961	4 644
Number of households connected on public water supply network	592 502	593 066	607 312
Region of Vojvodina			
Water abstracted, (thous. m³) from:	152 732	146 713	142 622
Distributed water, thous. m³	117 184	115 321	112 385
Households	87 073	84 573	77 314
Industrial sector	11 225	9 495	9 296
Other users ²⁾	18 886	21 253	25 775
Water losses, thous. m³	35 548	31 392	30 237
Water supply network			
Length of public water supply network, km	12 131	12 507	13 889
Number of households connected on public water supply network	666 442	685 499	689 091
Region of Šumadija and Western Serbia			
Water abstracted, (thous. m³) from:	162 516	165 457	
Distributed water, thous. m³	124 043	121 034	
Households	77 446	75 542	
Industrial sector	13 230	12 813	
Other users ²⁾	33 367	32 679	
Water losses, thous. m³	56 381	62 583	
Water supply network			
Length of public water supply network, km	10 510	10 728	
Number of households connected on public water supply network	471 131	481 144	

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.

2. Drinking water supply, 2009-2010 (continued)

	2009	2010	2011 ¹⁾
	Region of Southern and Eastern Serbia		
Water abstracted, (thous. m³) from:	162 516	183 629	171 510
Distributed water, thous. m³	124 043	120 848	107 294
Households	77 446	75 399	74 145
Industrial sector	13 230	12 751	12 968
Other users ²⁾	33 367	32 698	20 181
Water losses, thous. m³	56 381	62 781	64 217
Water supply network	-	-	-
Length of public water supply network, km	10 510	10 959	10 824
Number of households connected on public water supply network	471 131	483 171	511 557

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.

Methodological explanations

Data on water usage in settlements are collected from business entities that abstract, distribute and/or manage water usage systems. Activity of these reporting units is defined in the following sections: Water supply; sewerage, waste management and remediation activities (division 36 - Water collection, treatment and supply) and Public administrations and defense; compulsory social security (division 84 - Local communities regulating huge rural water supply systems), according to the Classification of Activities.

Regarding the geographical aspect, the survey encompasses business entities that perform their activities on the whole territory of the Republic of Serbia.

Data are collected by the reporting method, meaning that the reporting unit completes the questionnaire based on its available documentation and records. In case the respective documentation and records are not available, experts provide estimations based on water supply system functioning, equipment and technical characteristics of the network and supporting facilities. The completed questionnaire is delivered by the reporting unit to the competent statistical authority on the territory of the enterprise's head office.

Public water supply system is taken to be the set of connected hydro-technical components and plants that have joint management and control and that are used for water abstraction, collection, treatment and distribution to users.

Water abstraction (source) is the place of public, either underground or surface waters, from which public water systems are supplied (underground, spring, watercourse, accumulation and lakes).

Distributed waters are all directly abstracted and provided water quantities distributed to users by water supply system during the reporting year. Quantities of distributed water are determined by water meter and if such devices are unavailable quantities are calculated according to regulations related to the particular activity group.

More detailed methodologies are available on the website of the Office: <http://webrzs.stat.gov.rs/WebSite/Public/PageView.aspx?pKey=201>.