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Environmental statistics

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Drinking water supply in the Republic of Serbia, 2010

– Preliminary data –

Statistical Release contains selected statistical data on drinking water supply from water supply system in 2010. The tables present data on abstracted and distributed water, number of households connected to public water supply system and water losses percentages.

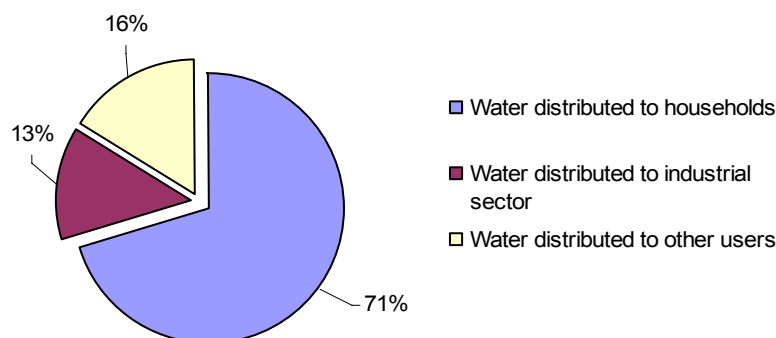
In 2010, quantity of abstracted water decreased by 2.9% relative to 2009 and quantity of distributed water by 3.1% compared to 2009. Compared to 2009, water distributed to households decreased by 3.4%, water distributed to industrial sector decreased by 8.8% and to other users increased by 3.7%.

Number of households to which water was distributed increased in 2010 by 2.4% relative to 2009.

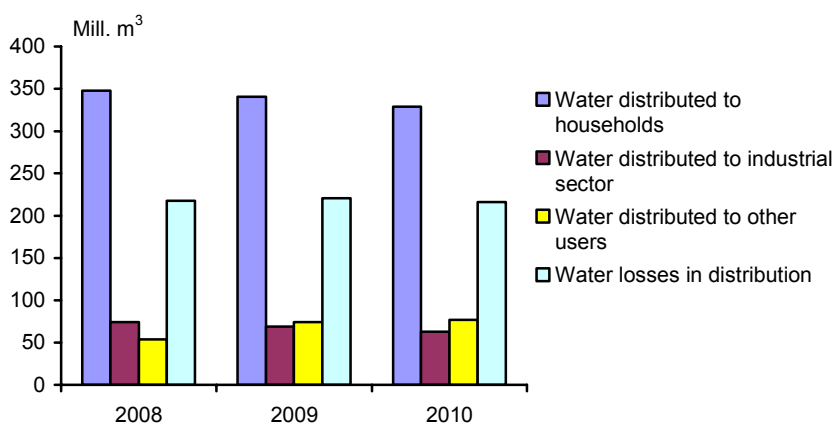
Percentage share of water losses in distribution of total water abstraction decreased by 2.1% in 2010 compared to 2009.

The data refer to the Republic of Serbia and its sub-territories. 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. Distributed water, by purpose in the Republic of Serbia, 2010



Graph 2. Distributed water and losses in the Republic of Serbia, 2008-2010



1. Abstracted and distributed water quantities and water losses from water supply system ¹⁾, 2010

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	664 775	468 560	328 928	62 627	77 005	2 081 448	32,5
Serbia – North	369 146	266 529	193 920	38 615	33 994	1 260 685	27,8
Region of Belgrade	224 520	153 228	111 121	29 210	12 897	593 066	31,7
Region of Vojvodina	144 626	113 301	82 799	9 405	21 097	667 619	21,7
Serbia – South	295 629	202 031	135 008	24 012	43 011	820 763	38,3
Region of Sumadija and Western Serbia	165 457	121 034	75 542	12 813	32 679	481 144	37,8
Region of Southern and Eastern Serbia	130 172	80 997	59 466	11 199	10 332	339 619	38,9

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, 2008-2010

	2008	2009	2010 ¹⁾
REPUBLIC OF SERBIA			
Water abstracted, (thous. m³) from:	674 301	684 725	664 775
Underground and spring waters	485 612	486 862	478 599
Surface waters	188 689	197 863	186 176
Distributed water, thous. m³	475 874	483 501	468 560
Households	348 051	340 541	328 928
Industrial sector	74 229	68 705	62 627
Other users ²⁾	53 594	74 255	77 005
Water taken from other system, thous. m³	18 957	19 380	19 682
Water losses, thous. m³	217 384	220 604	215 897
Water supply network			
Length of public water supply network, km	33 282	33 625	42 583
Water mains	3 834	4 770	5 076
Distribution network	29 448	28 855	37 507
Number of connecting pipes	1 996 367	2 033 045	2 081 448
Region of Belgrade			
Water abstracted, (thous. m³) from:	242 051	237 498	224 520
Underground and spring waters	143 426	142 181	136 522
Surface waters	98 625	95 317	87 998
Distributed water, thous. m³	164 644	161 284	153 228
Households	118 316	116 050	111 121
Industrial sector	33 645	31 259	29 210
Other users ²⁾	12 683	13 975	12 897
Water taken from other system, thous. m³	-	-	-
Water losses, thous. m³	77 407	76 214	71 292
Water supply network			
Length of public water supply network, km	4 733	4 791	4 861
Water mains	444	325	326
Distribution network	4 289	4 466	4 535
Number of connecting pipes	562 819	592 502	593 066
Region of Vojvodina			
Water abstracted, (thous. m³) from:	157 116	152 732	144 626
Underground and spring waters	151 369	152 337	144 626
Surface waters	5 747	395	-
Distributed water, thous. m³	119 142	117 184	113 301
Households	92 385	87 073	82 799
Industrial sector	11 284	11 225	9 405
Other users ²⁾	15 473	18 886	21 097
Water taken from other system, thous. m³	-	-	-
Water losses, thous. m³	37 974	35 548	31 325
Water supply network			
Length of public water supply network, km	11 822	12 131	20 843
Water mains	1 253	2 195	2 609
Distribution network	10 569	9 936	18 234
Number of connecting pipes	655 163	666 442	667 619
Region of Sumadija and Western Serbia			
Water abstracted, (thous. m³) from:	142 816	162 516	165 457
Underground and spring waters	87 456	88 555	94 781
Surface waters	55 360	73 961	70 676
Distributed water, thous. m³	109 376	124 043	121 034
Households	77 898	77 446	75 542
Industrial sector	14 140	13 230	12 813
Other users ²⁾	17 338	33 367	32 679
Water taken from other system, thous. m³	18 035	17 908	18 160
Water losses, thous. m³	51 475	56 381	62 583
Water supply network			
Length of public water supply network, km	10 502	10 510	10 728
Water mains	1 280	1 390	1 319
Distribution network	9 242	9 120	9 409
Number of connecting pipes	446 622	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, 2008-2010 (continued)

	2008	2009	2010 ¹⁾
	Region of Southern and Eastern Serbia		
Water abstracted, (thous. m³) from:	132 318	131 979	130 172
Underground and spring waters	103 361	103 789	102 670
Surface waters	28 957	28 190	27 502
Distributed water, thous. m³	82 712	80 990	80 997
Households	59 452	59 972	59 466
Industrial sector	15 160	12 991	11 199
Other users ²⁾	8 100	8 027	10 332
Water taken from other system, thous. m³	922	1 472	1 522
Water losses, thous. m³	50 528	52 461	50 697
Water supply network			
Length of public water supply network, km	6 225	6 192	6 151
Water mains	877	859	822
Distribution network	5 348	5 333	5 329
Number of connecting pipes	331 763	337 185	339 619

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 defence; 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/userFiles/file/Zivotna%20sredina/SMET8/SMET0110VKC.pdf>.