

STATISTICAL RELEASE

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Environmental statistics and accounts division

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Irrigation, 2021

During 2021, total of 92 574 thous.m³ of water were abstracted for irrigation, being by 33.9% more than in the previous year. Water was mostly pumped from water currents (84.3%), while the rest of quantities were abstracted from the groundwater, lakes and reservoirs and from public water supply network.

Sprinkling was the most used type of irrigation. Of the total irrigated surface, 91.8% were irrigated by sprinkling, 8.0% by drop-by-drop and only 0.2% by surface irrigation.

During 2021, in the Republic of Serbia, 52 236 ha of agricultural land were irrigated, 0.4% less than in the previous year. Of the total irrigated area, arable land and gardens accounted for 94% of the irrigated area, followed by orchards (share of 5%) and other agricultural land (share of 1%).

The survey on irrigation includes business entities and agricultural cooperatives that are engaged in agricultural production and services in agriculture and/ or manage irrigation systems.

Graph 1. Abstracted irrigation water, by abstraction source, 2021

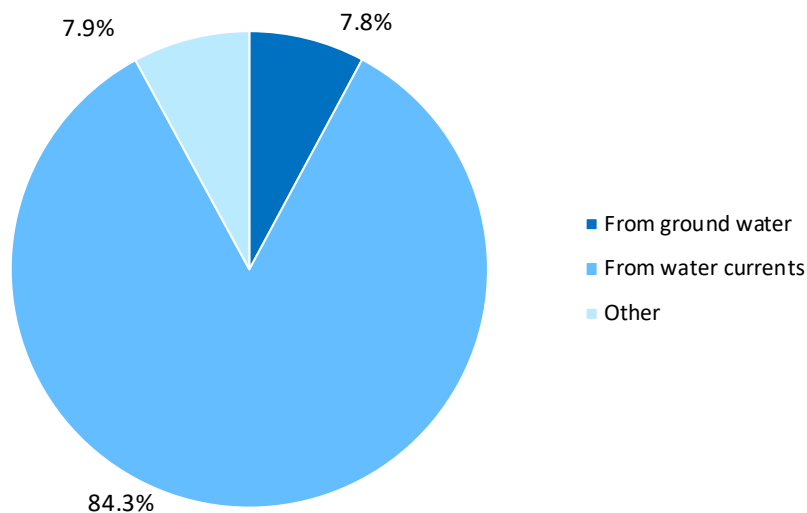


Table 1. Abstracted water for irrigation, by type of water abstraction source

	thous. m ³	
	2020	2021
Abstracted for irrigation	69 113	92 574
From ground water	1 951	7 266
From water currents	64 398	77 962
From other sources	2 764	7 346

Table 2. Irrigation of surfaces under crops/plantations and type of irrigation

	2021	Type of irrigation		
		Surface	Sprinkling	Drop by drop
Irrigated surfaces, ha	52 236	66	47 972	4 198
Arable land and gardens	49 046	13	47 699	1 334
Orchards	2 901	7	99	2 795
Other	289	46	174	69

Table 3. Share of irrigated area

	Total utilized agricultural area ¹⁾	Irrigated area			
		2020		2021	
		Ha	%	ha	%
Total	3 437 423	52 441	1.5	52 236	1.5

¹⁾ Census of agriculture 2012.

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).

Methodological explanations on irrigation can be found on the SORS website:

<http://publikacije.stat.gov.rs/G2016/Pdf/G201620085.pdf>

Data series on irrigation from the reference year 2009 are available within the SORS database:

<http://data.stat.gov.rs/Home/Result/25010204?languageCode=sr-Cyrl>, and as a part of the SORS publications:

<http://www.stat.gov.rs/sr-Cyrl/publikacije>.