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COLLECTION, PURIFICATION AND DISTRIBUTION OF WATER, 2021

In 2021, as compared to 2020, the total amount of abstracted water increased by 2.0%.

In 2021, the total volume of abstracted water amounted to 510 702 thousand m³. Out of that quantity, 406 295 thousand m³ of water were abstracted from underground sources, 50 446 thousand m³ from surface waters and 53 961 thousand m³ from other water supply systems.

The values of the total volume of abstracted water increased by 0.1% in 2021 compared to 2020, while the values of water abstracted from other water systems by 21.5%. In the public water supply system, losses of water in 2021 amounted to 201 572 thousand m³.

The total volume of water distributed from the public water supply in 2021 amounted to 304 264 thousand m³, which was 0.3% more than in 2020. The total quantity of sold water in 2021 increased by 0.5% compared to 2020. Households were the major consumers, with 171 041 thousand m³, or 71.7%, of consumed water in 2021.

The number of settlements connected to the public water mains in 2021 was 5 424, which was a minor increase compared to 2020.

The total length of public water mains was 47 327 km, which was an increase of 1.5% compared to 2020.

More detailed data will be available in the database on 21 July 2022.

1 WATER SUPPLY FROM PUBLIC WATER SUPPLY SYSTEM, BY TYPE OF SOURCE, 2020 AND 2021

'000 m³

	2020	2021	Indices 2021 2020
Total water supply	500 489	510 702	102,0
Volume of abstracted water	456 068	456 741	100,1
Ground waters	414 350	406 295	98,1
Surface water	41 718	50 446	120,9
Volume of water abstracted from other water supply systems	44 421	53 961	121,5
Water losses – total	197 273	201 572	102,2

2 WATERS DISTRIBUTED FROM PUBLIC WATER SUPPLY SYSTEM, 2020 AND 2021

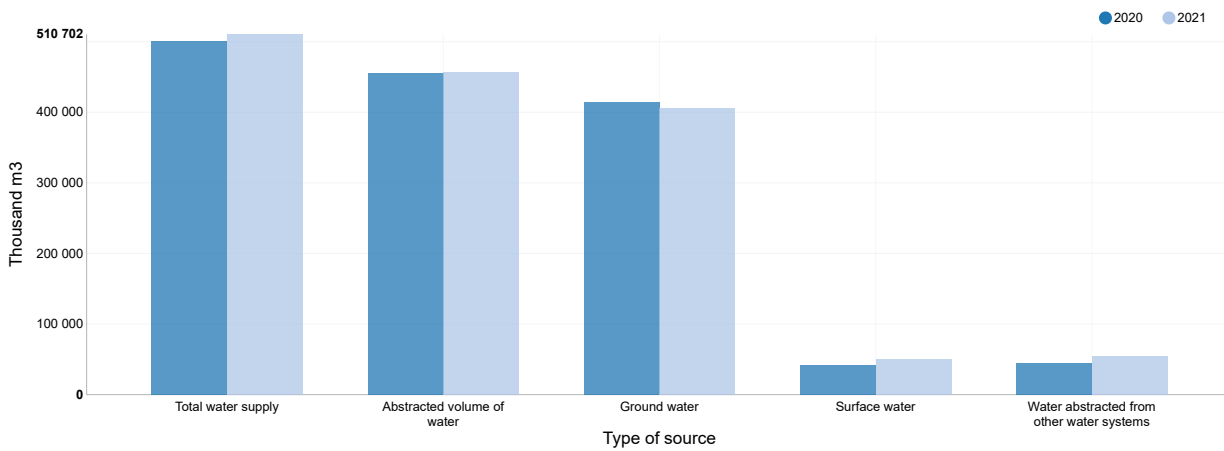
'000 m³

	2020	2021	Indices 2021 2020
Distributed water – total	303 216	304 264	100,3
Sold water – total:	237 432	238 565	100,5
To households	170 875	171 041	100,1
To economy	66 557	67 524	101,5
Distributed uncharged water	14 545	13 025	89,5
Distributed to other water supply systems	51 239	52 674	102,8

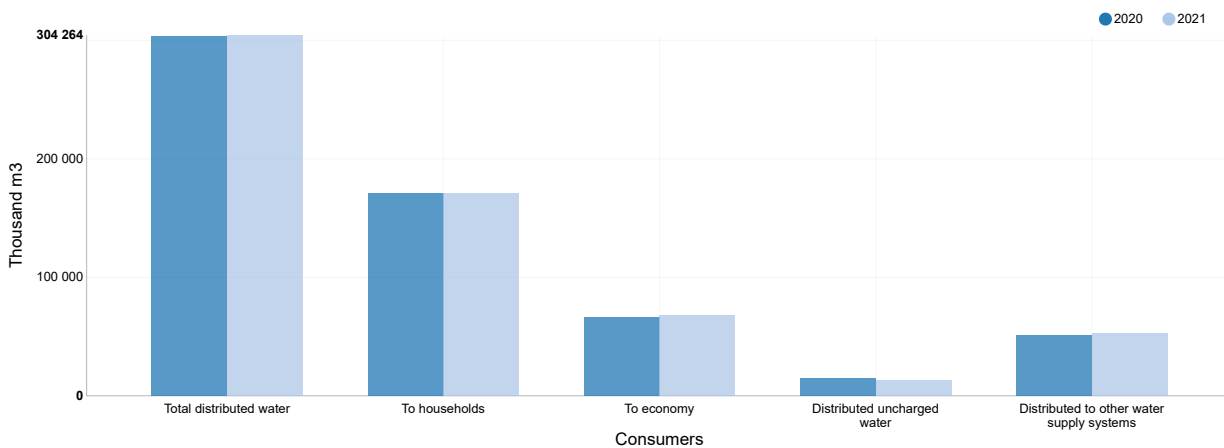
3 WATER MAIN NETWORK, 2020 AND 2021

	2020	2021	Indices 2021 2020
Settlements connected to public water supply system	5 422	5 424	100,0
Total length of public water mains, km	46 650	47 327	101,5

G-1 WATER SUPPLY FROM PUBLIC WATER SUPPLY SYSTEM, BY TYPE OF SOURCE, 2020 AND 2021



G-2 WATER DISTRIBUTED FROM PUBLIC WATER SUPPLY SYSTEM, 2020 AND 2021



NOTES ON METHODOLOGY

Sources and methods of data collection

Data on the public water supply are collected through the annual statistical survey entitled the Annual Survey on Water Supply System (VOD-2V form) on the basis of the Official Statistics Act (NN, No. 25/20).

Reporting units are public water suppliers of public water services. According to the Water Act (NN, Nos 66/19 and 84/21), the public water supplier of public water services is a company in which all shares or equity shares are held directly by local self-government units, that is, an institution founded by a local self-government unit.

The report is filled in by legal entities and parts thereof registered according to the NKD 2007. (NN, Nos 58/07 and 72/07) in section E Water supply; sewerage, waste management and remediation activities, class 36.00 Water collection, purification and supply.

Coverage and comparability

The source for the address list is the Statistical Business Register.

The survey provides data on supplied water, distributed water and public water main network.

Definitions

Public water supply means the activity of abstracting groundwater and surface water intended for human consumption and its conditioning, as well as their delivery to the end user or another water service provider, if the mentioned operations are conducted through public water supply facilities. It also includes management of the above-mentioned facilities, or delivery in some other way prescribed by law (tanks, aquifers, etc.).

Water supply from public water supply system is the total volume of water abstracted from ground waters (underground sources and springs), surface waters (watercourses, reservoirs and lakes) and the total volume of water abstracted from other water supply systems.

Abstracted volume of water is the total volume of water abstracted from all water sources. Water sources may be ground and surface ones. Public springs are all sources that are used in supplying of water mains, such as ground watercourses, springs, watercourses, reservoirs and lakes.

Distributed volume of water is the volume of water sold to consumers (households, economy), to other water supply systems, water used in own water supply system and volume of uncharged water.

Total water losses are losses actually found in public water main network, caused by mechanical malfunctions or installation defects on water mains.

The length of the public water main network consists of the length of water mains and the length of distribution network.

The length of water mains is the length of pipes used for the supply of water and reaching of the required pressure.

The length of distribution network is the length of the water main network from the tank to the consumer (excluded are the length of connections and network in a building).

Abbreviations

km	kilometre
m ³	cubic metre
NKD 2007.	National Classification of Activities, 2007 version
NN	Narodne novine, official gazette of the Republic of Croatia
'000	thousand

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