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COLLECTION, PURIFICATION AND DISTRIBUTION OF WATER, 2022

In 2022, as compared to 2021, the total amount of abstracted water increased by 1.0%.

In 2022, the total volume of abstracted water amounted to 515 931 thousand m³. Out of that quantity, 415 299 thousand m³ of water were abstracted from underground sources, 49 511 thousand m³ from surface waters and 51 121 thousand m³ from other water supply systems.

The values of the total volume of abstracted water increased by 1.8% in 2022 compared to 2021, while the values of water abstracted from other water systems decreased by 5.3%. In the public water supply system, losses of water in 2022 amounted to 208 741 thousand m³.

The total volume of water distributed from the public water supply in 2022 amounted to 307 190 thousand m³, which was 1.0% more than in 2021. The total quantity of sold water in 2022 increased by 2.3% compared to 2021. Households were the major consumers, with 175 383 thousand m³, or 71.9%, of consumed water in 2022.

The number of settlements connected to the public water mains in 2022 was 5 450, which was an increase of 0.5% compared to 2021.

The total length of public water mains was 48 306 km, which was an increase of 2.1% compared to 2021.

More detailed data will be available in the database on 21 July 2023.

1 WATER SUPPLY FROM PUBLIC WATER SUPPLY SYSTEM, BY TYPE OF SOURCE, 2021 AND 2022

'000 m³

	2021	2022	Indices 2022 2021
Total water supply	510 702	515 931	101,0
Volume of abstracted water	456 741	464 810	101,8
Ground waters	406 295	415 299	102,2
Surface water	50 446	49 511	98,1
Volume of water abstracted from other water supply systems	53 961	51 121	94,7
Water losses – total	201 572	208 741	103,6

2 WATERS DISTRIBUTED FROM PUBLIC WATER SUPPLY SYSTEM, 2021 AND 2022

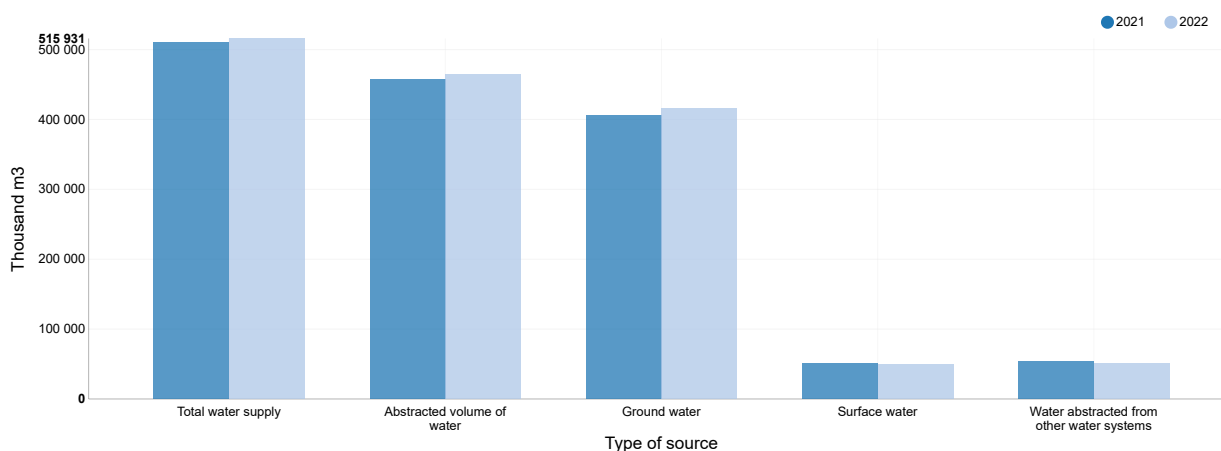
'000 m³

	2021	2022	Indices 2022 2021
Distributed water – total	304 264	307 190	101,0
Sold water – total:	238 565	243 975	102,3
To households	171 041	175 383	102,5
To economy	67 524	68 592	101,6
Distributed uncharged water	13 025	7 480	57,4
Distributed to other water supply systems	52 674	55 735	105,8

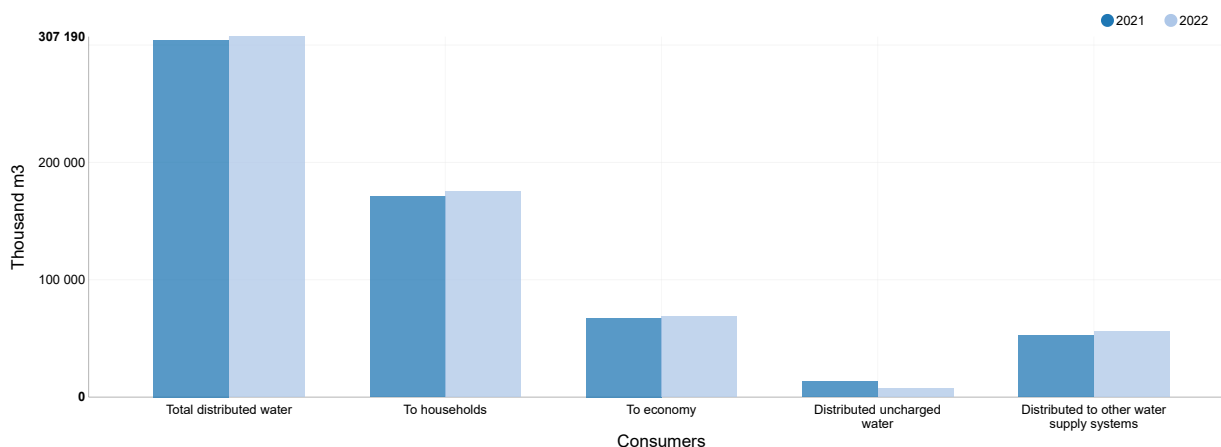
3 WATER MAIN NETWORK, 2021 AND 2022

	2021	2022	Indices 2022 2021
Settlements connected to public water supply system	5 424	5 450	100,5
Total length of public water mains, km	47 327	48 306	102,1

G-1 WATER SUPPLY FROM PUBLIC WATER SUPPLY SYSTEM, BY TYPE OF SOURCE, 2021 AND 2022



G-2 WATER DISTRIBUTED FROM PUBLIC WATER SUPPLY SYSTEM, 2021 AND 2022



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, No. 47/23), 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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