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UTILISATION OF WATER AND PROTECTION OF WATERS FROM POLLUTION, 2022

In 2022, water supply reached a total of 33 512 444 thousand m³, in which the share of sections B Mining and quarrying and C Manufacturing was 0.2%, while the share of section D Electricity, gas, steam and air conditioning supply was 99.8%.

A total of 33 512 444 thousand m³ of water was used in 2022. Out of that volume, 98.5% was used for production, while 1.5% was used for cooling.

In 2022, the total volume of waste water was 19 145 thousand m³. Of that, a total of 2.5% of waste water was discharged from section B Mining and quarrying, 94.7% from section C Manufacturing and 2.8% from section D Electricity, gas, steam and air conditioning supply.

In 2022, a total of 12 958 thousand m³ of treated waste water was discharged.

According to the NKD 2007 sections, 2.7% of the total volume of treated waste water was discharged from section B Mining and quarrying, 93.5% from section C Manufacturing and 3.8% from section D Electricity, gas, steam and air conditioning supply.

Notice

More detailed data will be available on 20 October 2023 in the [Database](#).

The survey is harmonised with the requirements of the joint questionnaire of the OECD and Eurostat – JQ OECD/Eurostat – Inland water questionnaire.

1 WATER SUPPLY, BY TYPE OF WATER INTAKE STRUCTURE AND ACCORDING TO NKD 2007, IN 2022

'000 m³

	Total	Public water supply system	Own water intake structure	
			Groundwaters	Surface waters and sea
Total	33 512 444	11 848	63 869	33 436 727
B Mining and quarrying	2 547	158	578	1 811
C Manufacturing	55 879	11 621	8 456	35 802
D Electricity, gas, steam and air conditioning supply	33 454 018	69	54 835	33 399 114

2 WATER UTILISATION, BY PURPOSE AND ACCORDING TO NKD 2007, IN 2022

'000 m³

	Total	For technological process		For sanitary and other purposes
		For production	For cooling	
Total	33 512 444	33 021 434	484 023	6 987
B Mining and quarrying	2 547	823	1 565	159
C Manufacturing	55 879	19 383	29 775	6 721
D Electricity, gas, steam and air conditioning supply	33 454 018	33 001 228	452 683	107

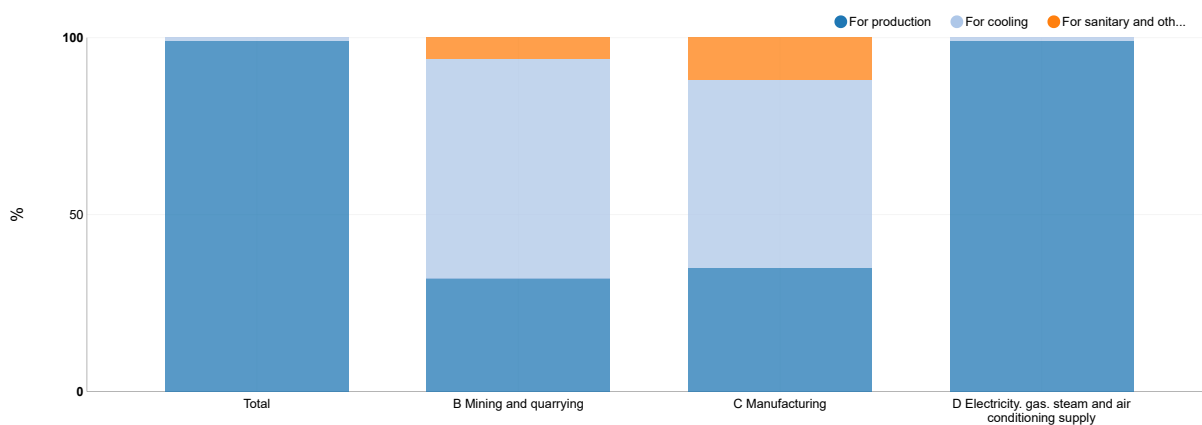
3 DISCHARGE OF UTILISED WATER (WASTEWATER), ACCORDING TO NKD-u 2007, 2022¹⁾

'000 m³

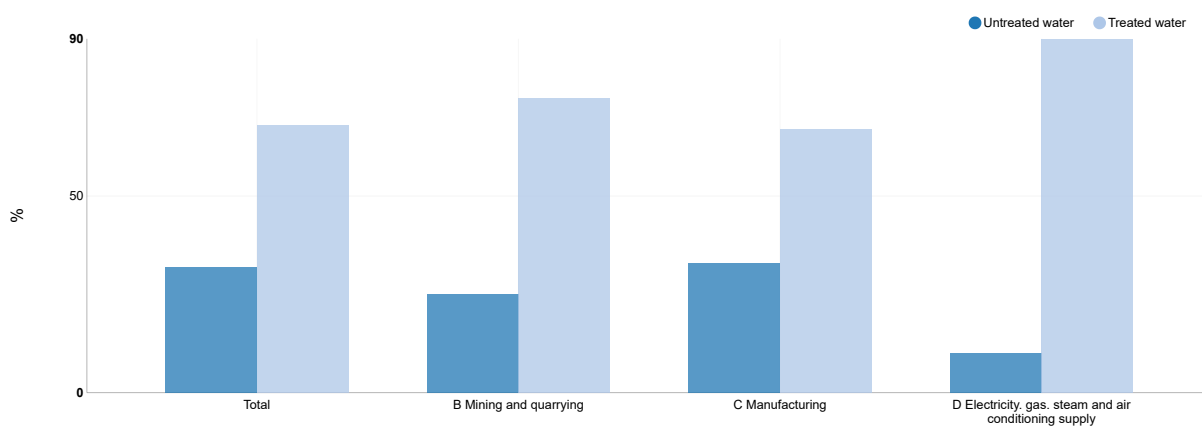
	Total	Untreated waste water	Treated waste water
Total	19 145	6 187	12 958
B Mining and quarrying	473	118	355
C Manufacturing	18 127	6 013	12 114
D Electricity, gas, steam and air conditioning supply	545	56	489

¹⁾ Water used for cooling, as well as waters used by hydropower plants, are excluded from discharged waste water since they are not considered waste water.

G-1 UTILISATION OF WATER, BY PURPOSE AND ACCORDING TO NKD 2007, IN 2022



G-2 DISCHARGE OF WASTE WATER, ACCORDING TO NKD 2007, IN 2022



NOTES ON METHODOLOGY

Sources and methods of data collection

Data on the utilisation and protection of waters from pollution are collected by the reporting method on the web form Annual Report on the Utilisation of Waters and Protection of Waters from Pollution in 2022 (VOD-1 form).

Coverage and comparability

Reporting units are all business entities and parts thereof registered in the Statistical Business Register and other administrative sources. The coverage includes all statistical units that used more than 1 000 m³ water on the basis of available data, which are classified into the NKD 2007. activity sections B Mining and quarrying, C Manufacturing and D Electricity, gas, steam and air conditioning supply.

The survey provides data on water supply, utilisation of water and discharging of waste water.

Definitions

Water supply includes the total volume of water used by business entities to supply themselves either from own water intake structures or from public water supply system. The volume of water used is determined by a water meter, or otherwise, it is estimated either according to standards for a particular activity or according to the project documentation.

Water utilisation includes the total volume of water used by the reporting units for the production activity in the reference year. This water is used in technological processes (consumed water), in the process of cooling (evaporated water), for sanitary and other purposes.

Discharged waste water includes water which is discharged after utilisation as treated or untreated water.

Water used for cooling, as well as waters used by hydropower plants, are excluded from discharged waste water since they are not considered waste water.

Abbreviations

Eurostat	European Union Statistical Office
m ³	cubic meter
NKD 2007	National Classification of Activities, 2007 version
OECD	Organisation for Economic Co-operation and Development
'000	thousand

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