

## First Release

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# UTILISATION OF WATER AND PROTECTION OF WATERS FROM POLLUTION, 2021

In 2021, water supply reached a total of 45 097 184 thousand m<sup>3</sup>, in which the share of sections B Mining and quarrying and C Manufacturing was 0.1%, while the share of section D Electricity, gas, steam and air conditioning supply was 99.9%.

A total of 45 097 184 thousand m<sup>3</sup> of water was used in 2021. Out of that volume, 99.0% was used for production, while 1.0% was used for cooling.

In 2021, the total volume of waste water was 20 112 thousand m<sup>3</sup>. Of that, a total of 2.5% of waste water was discharged from section B Mining and quarrying, 94.0% from section C Manufacturing and 3.5% from section D Electricity, gas, steam and air conditioning supply.

In 2021, a total of 12 278 thousand m<sup>3</sup> of treated waste water was discharged.

According to the NKD 2007. sections, 3.0% of the total volume of treated waste water was discharged from section B Mining and quarrying, 92.4% from section C Manufacturing and 4.5% from section D Electricity, gas, steam and air conditioning supply.

### Notice

More detailed data will be available on 24 November 2022 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 and a part of data are not comparable with those in previous First Releases.

## 1 WATER SUPPLY, BY TYPE OF WATER INTAKE STRUCTURE AND ACCORDING TO NKD 2007., 2021

'000 m<sup>3</sup>

	Total	Public water supply system	Own water intake structure	
			Groundwaters	Surface waters and sea
Total	45 097 184	11 366	73 282	45 012 536
B Mining and quarrying	2 632	274	620	1 738
C Manufacturing	57 346	11 012	8 335	37 999
D Electricity, gas, steam and air conditioning supply	45 037 206	80	64 327	44 972 799

## 2 WATER UTILISATION, BY PURPOSE AND ACCORDING TO NKD 2007., 2021

'000 m<sup>3</sup>

	Total	For technological process		For sanitary and other purposes
		For production	For cooling	
Total	45 097 184	44 651 220	439 052	6 912
B Mining and quarrying	2 632	786	1 697	149
C Manufacturing	57 346	20 713	29 983	6 650
D Electricity, gas, steam and air conditioning supply	45 037 206	44 629 721	407 372	113

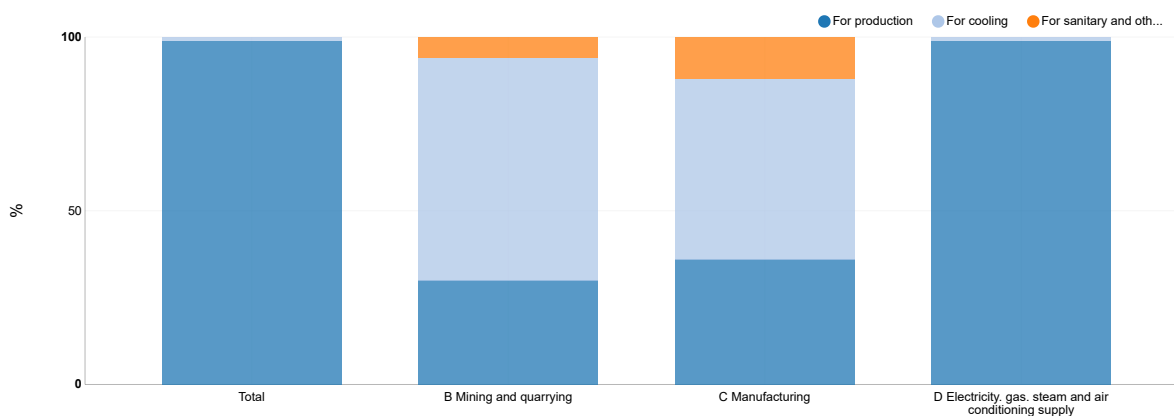
### 3 DISCHARGE OF UTILISED WATER (WASTEWATER), ACCORDING TO NKD-u 2007., 2021<sup>1)</sup>

'000 m<sup>3</sup>

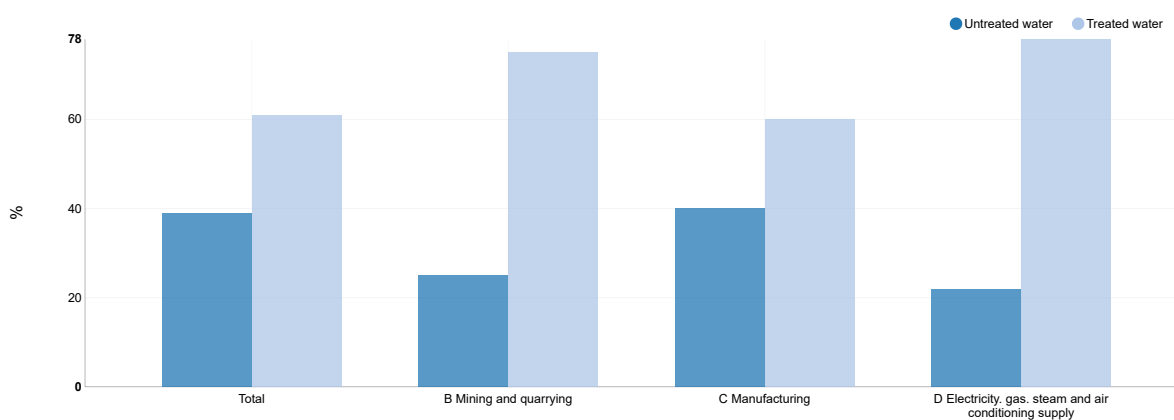
	Total	Untreated waste water	Treated waste water
Total	20 112	7 834	12 278
B Mining and quarrying	495	122	373
C Manufacturing	18 908	7 559	11 349
D Electricity, gas, steam and air conditioning supply	709	153	556

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

#### G-1. UTILISATION OF WATER, BY PURPOSE AND ACCORDING TO NKD 2007., 2021



#### G-2. DISCHARGE OF WASTE WATER, ACCORDING TO NKD 2007., 2021



## NOTES ON METHODOLOGY

### Sources and methods of data collection

Data on the utilisation and protection of waters from pollution are collected by the reporting on the web form Annual Report on the Utilisation of Waters and Protection of Waters from Pollution in 2021 (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 m<sup>3</sup> 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 abstracted and used by 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 utilised water since they are not considered waste water.

#### Abbreviations

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

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