



REPUBLIC OF CROATIA
CROATIAN BUREAU OF STATISTICS



QUALITY REPORT FOR STATISTICAL SURVEY

Annual Report on Utilisation and Protection of Waters from Pollution (VOD-1) for 2024

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0. Basic information

- Purpose, goal, and subject of the survey

The aim of the research is to collect data on water supply, use of water, discharging of water and amounts of treated waste water.

- Reference period

Calendar year

- Legal acts and other agreements

Decision on the National Classification of Activities – NKD 2007. (OG, No. 58/07 and 72/07)

Ordinance on the Register of Spatial Units (OG 37/20)

[Water Act \(OG, No. 47/23\)](#)

[Regulation \(EC\) No 1893/2006 of the European Parliament and of the Council of 20 December 2006 establishing the Statistical Classification of Economic Activities NACE Rev. 2 and amending Council Regulation \(EEC\) No 3037/90 and certain EC Regulations on specific statistical domains](#)

- Classification system

National Classification of Activities 2007

- Statistical concepts and 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.

- Statistical units

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.

- Statistical population

Legal entities (and parts of legal entities) from section B Mining and quarrying, C Manufacturing and D Electricity, gas, steam and air conditioning supply by National Classification of Economic Activities - NKD 2007

1. Relevance

1.1 Data users

Scientists, students

1.1.1 User needs

Scientists - for research, students- for thesis

1.1.2 User satisfaction

The first user satisfaction survey of the Croatian Bureau of Statistics was conducted in 2013, the second one in 2015, and the last one at the end of 2022. The results of the survey are available on the website of the Croatian Bureau of Statistics <https://dzs.gov.hr/highlighted-themes/quality/user-satisfaction-surveys/686>

1.2. Completeness

Inland water data were provided to Eurostat in accordance with the gentlemen's agreement. In 2019, voluntary regional water tables were completed for the first time. Data are collected for national and Eurostat needs.

1.2.1 Data completeness rate

Indicator was not computed for this survey.

2. Accuracy and reliability

2.1. Sampling error

Not applicable

2.1.1 Sampling error indicators

Indicator was not computed for this survey.

2.2. Non-sampling error

The eligibility rate is the share of eligible reporting units among all selected reporting units

2.2.1. Coverage error

Not applicable

2.2.2. Over-coverage rate

Indicator for this survey is not applicable.

2.2.3. Measurement error

Treatment includes logical and arithmetical control, and the resulting errors are phone verified at the reporting units before correction

2.2.4. Non-response error

Reporting units are contacted by telephone if necessary

2.2.5. Unit non-response rate

Indicator was not computed for this survey.

2.2.6. Item non-response rate

Indicator was not computed for this survey.

2.2.7. Processing error

Incorrectly entered data either at the reporting unit or in the processing passes through LRK and checked and corrected the wrong information

2.2.8. Imputation rate

Indicator for this survey is not applicable.

2.2.9. Model assumption error

Not applicable

2.3. Data revision

2.3.1. Data revision – policy

The users of statistical data are informed about revisions on the website of the Croatian Bureau of Statistics, on the link – [General Revision Policy of the CBS](#) .

2.3.2. Data revision – practice

First Release does not disseminate preliminary results and that's the reason why the regular data revision does not exist. In case of a subsequently discovered error in the calculation, a correction of the First release shall be published.

2.3.3. Data revision – average size

Indicator for this survey is not applicable.

2.4. Seasonal adjustment

Not applicable

3. Timeliness and Punctuality

3.1. Timeliness

In the First release data for the year 2023 which are published on 11 October, 2024

Data base: 25 October 2024

3.1.1. Time lag – first results

Indicator for this survey is not applicable.

3.1.2. Time lag – final results

Time lag - final results is: T + 10,15

3.2. Punctuality

All data were delivered on time based on the planned date of publication. T+0

3.2.1. Punctuality – delivery and publication

Delivery and publication is: 0

4. Accessibility and clarity

Data are disseminated in paper and in electronic format - release on the website of the Croatian Bureau of Statistics in the form of the First Releases and in the PC-AXIS database.

The First Release contains short methodological explanations, such as source and methods of data collection, coverage and comparability, definitions and etc. Metadata are also available in the database.

4.1. News release

First Release OEN-2024-1-1 Utilisation of waters and protection of waters from pollution in 2023

Release date: 11 October 2024

4.2. On-line database

Data are released in PC-Axis database.

4.3. Microdata access

The conditions under which certain users can access microdata are regulated by [The Ordinance on the Conditions and Manner of Use of Statistical Data for Scientific Purposes](#) (OG, No. 5/23).

4.4. Documentation on methodology

The basic methodological explanations are published within first release and data base.

5. Coherence and comparability

5.1. Asymmetry for mirror flows statistics

Not applicable

5.2. Comparability over time

Comparable data series refer to the period from 2002 to 2023.

5.2.1. Length of comparable time series

Length of comparable time series is: 22

5.2.2. Reasons for break in time series

Not applicable

5.3. Coherence – subannual and annual statistics

The indicator is not computed.

5.4. Coherence – national accounts

The indicator is not computed.

5.5. Coherence – administrative sources

The indicator is not computed.

6. Cost and burden

6.1. Cost

Costs are associated with data production through material costs and employees' incomes.

6.2. Burden

The indicator for this survey is not computed.