REPUBLIC OF CROATIA
CROATIAN BUREAU OF STATISTICS

CROATIAN BUREAU OF STATISTICS

# QUALITY REPORT FOR STATISTICAL SURVEY

## Annual Report on Utilisation and Protection of Waters from Pollution (VOD-1) for 2026

Organisation unit: Croatian Bureau of Statistics, Environmental Statistics Unit
Prepared by: Željka Kovaček Čuklić

October, 2026

## 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

  Official Statistics Act (NN, Nos 25/20, 155/23, 124/25 – corr and 69/26)

  Decision on the National Classification of Activities – NKD 2025 (NN, No 47/24)

  Water Act (Nos 66/19, 84/21 i 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 Revision 2 and amending Council Regulation (EEC) No 3037/90 as well as certain EC Regulations on specific statistical domains.

- Classification system

  National Classification of Activities 2025 – NKD 2025

- 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 2025 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 2025.

# 1. Relevance

## 1.1 Data users

Users of the Croatian Bureau of Statistics, external users: scientists, students.

### 1.1.1 User needs

Users of the Croatian Bureau of Statistics - for comparation of calculations, scientists - for research purposes, students - for theses.

### 1.1.2 User satisfaction

The first user satisfaction survey of the Croatian Bureau of Statistics was carried out in 2013, and since 2024, the survey has been conducted annually. The survey results are available on the Croatian Bureau of Statistics website under User satisfaction surveys.

## 1.2. Completeness

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

Indicator for this survey is 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 data validation and corrected the wrong information.

2.2.8. Imputation rate

Indicator for this survey is not applicable.

2.2.9. Model assumption error

Indicator for this survey is 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

Indicator for this survey is not applicable.

## 3. Timeliness and Punctuality

### 3.1. Timeliness

In the First Release data for the year 2025 which are published on 9 October 2026

Data base: 16 October 2026

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 + 10,14

### 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 electronic format - release on the website of the Croatian Bureau of Statistics in the form of the First Releases and in the PC-AXIS databases.

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-2026-1-1 Utilisation of waters and protection of waters from pollution in 2025

OEN-2026-1-1 Utilisation of waters and protection of waters from pollution in 2025

Release date: 9 October 2026

### 4.2. On-line database

The data is published in the PC-Axis databases.

PC-AXIS databases

Release date: 16 October 2026

### 4.3. Micro-data access

The conditions under which certain users can access microdata are regulated by the Ordinance on conditions and terms of access and use of confidential statistical data of the Croatian Bureau of Statistics for scientific purposes (NN, No. 5/23).

### 4.4. Documentation on methodology

The basic methodological explanations are published within First Release and PC-Axis databases.

## 5. Comparability over time

### 5.1. Asymmetry for mirror flows statistics

Indicator was not computed for this survey.

### 5.2. Comparability - over time

Data series for 2002 - 2025 are comparable.

5.2.1. Length of comparable time series

Length of comparable time series is: 24

5.2.2. Reasons for break in time series

Not applicable

### 5.3. Coherence – subannual and annual statistics

Indicator was not computed for this survey.

### 5.4. Coherence – national accounts

Indicator was not computed for this survey.

### 5.5. Coherence – administrative sources

Indicator was not computed for this survey.

## 6. Cost and burden

### 6.1. Cost

The costs associated with the production data through material costs and employee benefits

### 6.2. Burden

Indicator for this survey is not computed.