



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 2022

Organisational unit: Croatian Bureau of Statistics, Environment Statistics Unit

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## 0. Basic information

- Purpose, goal, and subject of the survey

The purpose of the survey is to collect data on water supply, utilisation of water, discharge of used (waste) water and discharge of purified waste water.

- Reference period

Calendar year

- Legal acts and other agreements

Decision on the National Classification of Activities – NKD 2007 (OG, Nos 58/07 and 72/07)

Ordinance on Register of Spatial Units (OG, No. 37/20)

Water Act (OG, No. 84/21)

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 2007

- 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 a reporting unit for its own purposes in the period of one 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.

- Statistical units

Reporting units are business entities and parts thereof from the Statistical Business Register and from 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.

- Statistical population

Business entities and parts thereof from sections B Mining and quarrying, C Manufacturing and D Electricity, gas, steam and air conditioning supply according to the National Classification of Economic Activities – NKD 2007.

## **1. Relevance**

### **1.1. Data users**

Scientists, students

#### 1.1.1. User needs

Scientists – for research purposes, students – for theses

#### 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**

Data are submitted to Eurostat in accordance with the gentlemen's agreement. Tables for regional waters were submitted for the first time in 2019. The data are collected only for national and Eurostat purposes.

#### 1.2.1. Data completeness rate

The indicator is not computed.

## **2. Accuracy and reliability**

### **2.1. Sampling error**

Not applicable.

#### 2.1.1. Sampling error indicators

The indicator is not computed.

### **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

The indicator is not applicable.

#### 2.2.3. Measurement errors

A treatment includes data verification, while errors that emerged are checked by phone with reporting units before correction.

#### 2.2.4. Non-response errors

Reporting units are contacted by phone whenever necessary.

#### 2.2.5. Unit non-response rate

The indicator is not computed.

#### 2.2.6. Item non-response rate

The indicator is not computed.

#### 2.2.7. Processing errors

Data that have been incorrectly entered either by the reporting unit or during the processing are verified and corrected.

#### 2.2.8. Imputation rate

The indicator 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 data revisions on the website of the Croatian Bureau of Statistics.

#### 2.3.2. Data revision – practice

Provisional figures are not published in the First Release and therefore regular revisions are not planned. If a calculation error happens to be detected later on, a correction of the First Release is issued.

#### 2.3.3. Data revision – average size

The indicator is not applicable.

### 2.4. Seasonal adjustment

Not applicable.

## 3. Timeliness and punctuality

### 3.1. Timeliness

The First Release contains data for 2021, which are going to be released on 11 November 2022

Database: 24 November 2022

#### 3.1.1. Timeliness – first results

The indicator is not applicable.

#### 3.1.2. Timeliness – final results

Time lag of final results is: T + 10.15

### 3.2. Punctuality

All data have been submitted on time based on planned release dates: T + 0

#### 3.2.1. Punctuality – delivery and publication

Delivery and publication is: 0

## **4. Accessibility and clarity**

Data are disseminated in electronic format by releasing them 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 sources 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-2022-1-1 Utilisation of Waters and Protection of Waters from Pollution, 2021

### **4.2. Online database**

Data are released in PC-Axis database.

### **4.3. Microdata access**

Conditions under which certain users can have access to microdata are regulated by the Ordinance on the Conditions and Manner of Use of Statistical Data for Scientific Purposes.

### **4.4. Documentation on methodology**

The basic methodological explanations are published in the First Release and in the database.

## **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 2021.

#### 5.2.1. Length of comparable time series

Length of comparable time series is: 20

#### 5.2.2. Reasons for break in time series

Not applicable.

### **5.3. Coherence – short-term and structural data**

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.