



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 2021

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, Nos 66/19 and 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 in supplying business entities, irrespective of whether it was used for own purposes or sold to other users. Data on utilised water are given according to the origin of the water: from the public supply system, from other systems, from the ground, springs, watercourses, lakes, reservoirs and the sea.

Water utilisation includes the total volume of water used by a reporting unit for its own purposes in the period of one year. It includes the volume of water used in technological processes (consumed water), in the process of cooling (evaporated water), in the production of electric energy, for sanitary and other purposes.

Discharge of waste water includes the total volume of discharged waste water according to the place of discharging into a recipient. Discharge of treated waste water includes the total volume of discharged treated waste water according to the place of discharging into a recipient.

- Statistical units

Statistical units are business entities and parts thereof from Statistical Business Register and other administrative sources, which are classified in sections B Mining and quarrying, C Manufacturing and D Electricity, gas, steam and air conditioning supply according to the NKD 2007 and use more than 1 000 m³ of water in performing their activities.

- 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 2020, which are going to be released on 19 November 2021.

Database: 3 December 2021

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-2021-1-1 Utilisation of Waters and Protection of Waters from Pollution, 2020

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 2020.

5.2.1. Length of comparable time series

Length of comparable time series is: 19

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.