



REPUBLIC OF CROATIA



CROATIAN BUREAU OF STATISTICS

QUALITY REPORT FOR STATISTICAL SURVEY
Annual Report on Public Water Supply (VOD-2V)
For 2019

Organisational unit: Environment and Energy Statistics and Sustainable
Development Indicators Department
Environment Statistics Unit

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0. Basic information

- Purpose, goal, and subject of the survey

Abstracted quantities of water by origin, quantities of water delivered to users, water losses, water network and treatment plants

- 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 the Register of Spatial Units (OG, No. 75/00)

Water Act (OG, Nos 153/09, 63/11, 130/11, 56/13 and 14/14)

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

The List of Watersheds of the Republic of Croatia – internal document

- Concepts and definitions

Abstracted volume of water is the total volume of water abstracted from all water sources. Water sources may be ground and surface ones. Public springs are all sources that are used in supplying of water mains, such as ground watercourses, springs, watercourses, reservoirs and lakes.

Distributed volume of water is the volume of water sold to consumers.

Total water losses are actually found losses in water mains caused by mechanical troubles or installation defects on water mains.

Drinking water treatment plants are facilities used for purification (conditioning). Tanks are divided into underground and elevated (tower-shaped) ones, used for the accumulation of water and reaching the required pressure.

- Statistical units

Reporting units are public water suppliers of public water services. According to the Water Act (OG, Nos 153/09, 63/11, 130/11, 56/13, 14/14 and 46/18), the public water supplier of public water services is a company in which all shares or equity shares are held directly by local self-government units, that is, an institution founded by a local self-government unit.

- Statistical population

Legal entities and parts thereof registered, according to the NKD 2007. (OG, Nos 58/07 and 72/07), in section E Water supply; sewerage, waste management and remediation activities, class 36.00 Water collection, purification and supply.

1. Relevance

1.1. Data users

- scientists, students

1.1.1 User needs

- scientists – for researches
- students – for thesis

1.1.2 User satisfaction

The Croatian Bureau of Statistics has conducted a user satisfaction survey (link: http://www.dzs.hr/Eng/international/Quality_Report/Quality_Report_Documents/Quality_Report_Satisfaction_Survey.pdf)

1.2. Completeness

Data are submitted to Eurostat in accordance with the gentlemen's agreement. Data are collected for national and Eurostat needs.

1.2.1 Data completeness rate

Indicator for this survey is not applicable.

2. Accuracy and reliability

2.1. Sampling error

Not applicable

2.1.1 Sampling error indicators

Indicator for this survey is not applicable.

2.1.2 Bias due to sample selection process

Indicator for this survey is not applicable.

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, since coverage is complete. The source for the creation of the address list of reporting units is the Statistical Business Register. Data are also compared to the reporting units' address list of the previous year.

2.2.2 Over-coverage rate

Indicator for this survey is not applicable.

2.2.3 Measurement errors

A treatment includes logical and arithmetical control, 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 when necessary.

2.2.5 Unit non-response rate

Indicator for this survey is not applicable.

2.2.6 Item non-response-rate

Indicator for this survey is not applicable.

2.2.7 Processing errors

Incorrectly entered data, either at the reporting unit or in the processing, are verified and checked, and false information is corrected

2.2.8 Imputation rate

Indicator for this survey is not applicable.

2.2.9 Editing rate

Indicator for this survey is not computed.

2.2.10 Hit rate

Indicator for this survey is not computed.

2.2.11 Model assumption error

Not applicable

2.3. Data revision

2.3.1 Data revision – policy

Users of statistical data are informed about revisions (preliminary data, final data) on the website of the Croatian Bureau of Statistics.

2.3.2 Data revision – practice

Since 2018, the Croatian Bureau of Statistics has ceased to conduct a part of the survey relating to pumping plants and water treatment plants due to the implementation of the new methodology. The information was released in the First Release, as a Notice.

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

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 + 6.5 months.

3.2. Punctuality

3.2.1 Punctuality – delivery and publication

Delivery and publication is: 0

4. Accessibility and clarity

Data are disseminated in the printed form and electronically by publishing them on the website of the Croatian Bureau of Statistics in the form of first releases

A first release contains brief notes on methodology, such as source and methods of data collection, coverage and comparability, definitions etc. Metadata are also available in the database.

4.1. News release

First Release No. 6.1.2. Collection, Purification and Distribution of Water

4.2. Other publications

Statistics in Line, Statistical Information

4.3. On-line database

Data are published in on-line databases.

4.4. Micro-data access

The conditions under which certain users can have access to microdata are regulated by the Ordinance on the Conditions and Terms of Using Confidential Data for Scientific Purposes.

4.5. Documentation on methodology

Basic notes on methodology are published within the First Release and in the database

5. Comparability

5.1. Asymmetry for mirror flows statistics

Not applicable

5.2. Comparability over time

5.2.1 Length of comparable time series

Length of comparable time series is: 17

5.2.2 Reasons for break in time series

Since 2018, the Croatian Bureau of Statistics has ceased to conduct a part of the survey relating to pumping plants and water treatment plants due to the implementation of the new methodology

6. Coherence

6.1. Coherence – short-term and structural data

Indicator for this survey is not computed.

6.2. Coherence – national accounts

Indicator for this survey is not computed.

6.3. Coherence – administrative sources

Indicator for this survey is not computed.

7. Cost and burden

7.1. Cost

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

7.2. Burden

Not applicable.