REPUBLIC OF CROATIA

CROATIAN BUREAU OF STATISTICS

QUALITY REPORT FOR STATISTICAL SURVEY

Annual Report on Public Sewage System (VOD-2K)

For 2014

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

Waste waters, treatment of waste waters, discharge of waste waters, sewage network, treatment plants

- 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 75/00)
Waters Act (OG, Nos 153/09, 63/11, 130/11 and 56/13)
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 – NKD 2007.

- Concepts and definitions

Waste waters are waters that are after use treated as waste waters and drained to treatment plants or discharged into the environment (into ground or surface waters). They also include atmospheric waters.
Treated waste waters comprise all amounts of waste water that were treated by using either primary (mechanical), secondary(biological) or tertiary (combined) treatment method.
Public sewage system is a network of enclosed public drains and sewers used either for draining of both waste and atmospheric waters together (general water sewage system), or for separate draining of waste and atmospheric waters (separation water sewage system). The length of sewage system does not include the length of connections and networks within buildings.
Main sewer collector is a collecting canal that drains water from one part or from the whole city to the recipient or to a treatment plant.

- Statistical units

Reporting units are legal entities and parts thereof, engaged, according to the Waters Act (OG, Nos 153/09, 63/11, 130/11 and 56/13), in draining of waste waters from settlements (class 37.00 of the NKD 2007.) as well as from communities and other organisations engaged in management of the sewage system.

- Statistical population

Legal entities (and parts thereof) classified in section E Water supply; sewerage, waste management and remediation activities, class 37.00 Wastewater disposal, according to the National Classification of Activities – NKD 2007.

1. Relevance

1.1. Data users

- Scientists, students

1.1.1. User needs

- Scientists – for researches
- Students – for theses

1.1.2 User satisfaction

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

1.2. Completeness

Data have been 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 (final data) on the website of the Croatian Bureau of Statistics.

2.3.2 Data revision – practice

Provisional figures are not published in this survey and therefore regular revisions are not planned.

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 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 and electronical form – 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.

4.1. News release

First Release No. 6.1.3. Public Sewage System, 2013

4.2. Other publications

Statistical Yearbook of the Republic of Croatia, Croatia in Figures, Statistical Information

4.3. On-line database

Data are not 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.

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: 12

5.2.2 Reasons for break in time series

Indicator for this survey is not applicable.

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

Indicator for this survey is not computed.