

QUALITY REPORT FOR STATISTICAL SURVEY
Annual Report on Roads and Bridges (PA/G-41)
For 2015

Organisational unit: Transport Statistics Department, Spatial Statistics Directorate

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0. Basic information

- Purpose, goal, and subject of the survey

Collection and publication of data on the length of road infrastructure, the length of e-roads, the length of bridges, funds spent on investment and maintenance of road infrastructure.

- Reference period

Calendar year

- Legal acts and other agreements

Annual Implementation Plan of Statistical Activities of the Republic of Croatia

Official Statistics Act (NN, Nos. 103/03, 75/09, 59/12 and 12/13 – consolidated text)

Programme of Statistical Activities of the Republic of Croatia

Glossary for Transport Statistics – Fourth edition, Eurostat/UNECE/ITF, translation

National Classification of Spatial Units for Statistics 2012 (NKPJS 2012) (NN, No. 90/12)

Act on Roads (NN, Nos 84/11, 22/13, 54/13 and 148/13)

Decision on the Classification of Public Roads (NN, No 66/13)

Partnership participation, Eurostat/ITF/UNECE Common Questionnaire

Partnership participation, Eurostat, Regional Questionnaire

- Classification system

Not applicable.

- Statistical concepts and definitions

Motorway, in accordance with the international definition from the Glossary for Transport Statistics (UNECE, ITF and Eurostat – 4th edition), is a public road specially built and intended for the traffic of motor vehicles, having two non-adjointing carriage ways for traffic (green area, protective fence, etc.) in either direction with at least two lanes considering the configuration of the terrain – and one emergency lane, no crossing with roads, railways or tramways on the same level and with specially constructed lanes for speeding or slowing down and junctions for access or exit which make traffic safer and easier; the motorway is marked with a prescribed traffic sign.

Express road, in accordance with the international definition from the Glossary for Transport Statistics (UNECE, ITF and Eurostat – 4th edition), is a public road specially built and intended for the traffic of motor vehicles, having one or two non-adjointing carriage ways for traffic, with crossings with roads in two or more levels (railways or tramways), without emergency lane, and as a rule it is marked with a prescribed traffic sign.

State road is a public road that connects the whole territory of the Republic of Croatia and connects it with the network of main European roads.

County road is a public road that connects the territory of one or more counties

Local road is a public road which belongs to the network of county roads and connects the territories of a town (city) and/or municipality.

E-road is a public road included in the international road network under international agreements.

- Statistical units

All public classified roads are included, that is, those categorised as state, county or local motorways.

- Statistical population
Classified roads in the Republic of Croatia.

1. Relevance

1.1. Data users

Users of road infrastructure statistics are state institutions, enterprises, research and scientific community, journalists, etc.

1.1.1. User needs

The standard applied at the level of the European Statistical System meets the needs of national and international users.

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. The survey results can be checked on the website of the Croatian Bureau of Statistics <https://dzs.gov.hr/highlighted-themes/quality/user-satisfaction-surveys/686>.

1.2. Completeness

The survey covers all the variables prescribed by legal acts.

1.2.1. Data completeness rate

Data completeness rate is 100%.

2. Accuracy and reliability

2.1. Sampling error

Not applicable.

2.1.1. Sampling error indicators

The indicator for this survey is not applicable.

2.2. Non-sampling error

Not applicable.

2.2.1. Coverage error

Not applicable.

2.2.2. Over-coverage rate

The indicator for this survey is not applicable.

2.2.3. Measurement error

During the statistical data processing, data verification is conducted.

2.2.4. Non-response errors

Not applicable.

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

Not applicable.

2.2.8. Imputation rate

The indicator for this survey 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 regular revisions (provisional data, final data) on the website of the Croatian Bureau of Statistics.

Unplanned revisions that are caused by events that could not be predicted and could not be influenced in advance (subsequent changes in data sources or subsequently identified errors in previously submitted data) are disseminated as soon as possible.

2.3.2. Data revision – practice

Provisional data are not published in the survey; therefore, there are no data revisions.

2.3.3. Data revision – average size

The indicator for this survey is not applicable.

2.4. Seasonal adjustment

The indicator for this survey is not applicable.

3. Timeliness and punctuality

3.1. Timeliness

Six months after the end of the reporting year.

3.1.1. Timeliness – first results

The indicator for this survey is not applicable.

3.1.2. Timeliness – final results

Time lag – final results is T + 8.

3.2. Punctuality

There is no time lag between the actual publishing date and the target date when they should have been published according to the Calendar of Statistical Data Issues.

3.2.1. Punctuality –delivery and publication

Delivery and publication is 1.

4. Accessibility and clarity

Data are disseminated in printed and electronic form on the website of the Croatian Bureau of Statistics.

4.1. News releases

Data are not published in First Releases.

4.2. Online database

Data are not available in online databases.

4.3. Micro-data access

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

4.4. Documentation on methodology

The definitions used in data collection are available in the publications of the Croatian Bureau of Statistics (Statistical Yearbook, Statistical Reports), and other definitions in the Glossary for Transport Statistics, fourth edition.

5. Coherence and comparability

5.1. Asymmetry for mirror flows statistics

The indicator for this survey is not applicable.

5.2. Comparability over time

Until 2010, the total length of express roads was included in the length of state roads. In order to achieve better presentation and international comparability of data, since 2011, part of the express roads that are categorised as motorways are presented in the length of motorways. In order to obtain comparable data series, the data from 2007 to 2010 were revised, and part of the express roads are presented in the length of motorways, and part in the length of state roads. In 2012, the re-classification of public roads was done (the Decision on the Classification of Public Roads and the Decision on Roads on the Territory of Major Cities No Longer Classified as Public Roads; NN, No. 44/12). County and local roads in cities were re-classified into urban roads, thus becoming unclassified roads that are not in the competence of Hrvatske ceste d.o.o.

5.2.1. Length of comparable time series

Length of comparable time series is: 45.

5.2.2. Reasons for break in time series

Data on the length of road network have been available since 1970.

5.3. Coherence – sub-annual and annual statistics

The indicator for this survey is not applicable.

5.4. Coherence – national accounts

The indicator for this survey is not applicable.

5.5. Coherence – administrative sources

The indicator for this survey is not applicable.

6. Cost and burden

6.1. Cost

The indicator for this survey is not computed.

6.2. Burden

Data on the length and type of roads have been taken over from the Hrvatske ceste d.o.o.

The burden on reporting units is not measured.