REPUBLIC OF CROATIA
CROATIAN BUREAU OF STATISTICS

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QUALITY REPORT FOR STATISTICAL SURVEY

Annual Report on Roads and Bridges (PA/G-41) for 2025

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September 2026

0. Basic information

- Purpose, goal, and subject of the survey

  Collection and dissemination of data on length of road infrastructure, length of E-roads, length of bridges, recourses used for investments 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 25/20, 155/23, 124/25 – corr. and 69/26)

  Glossary for Transport Statistics – 5th edition, Eurostat/UNECE/ITF, translation

  National Classification of Statistical Region 2021 (NN, No. 125/19)

  Act on Roads (NN, Nos 84/11, 22/13, 54/13, 148/13, 92/14, 110/19, 144/21, 114/22, 4/23, 133/23, 156/25)

  Decision on the Classification of Public Roads (NN, No. 109/25)

  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, Eurostat – 5th edition), is a public road specially built and intended for the traffic of motor vehicles, having two non-adjoining carriage ways (green area, protective fence, etc.) for traffic in either direction with at least two lanes considering the configuration of the terrain as well as one lane for stopping the vehicle in need, with no crossing with roads, railways or tramways at the same level and with specially constructed lanes for speeding or slowing down and junctions for access or exit that makes traffic safer and easier. Being a motorway, it is marked with a prescribed traffic sign.

  Express road, in accordance with the international definition from the Glossary for Transport Statistics, is a public road specially built and intended for the traffic of motor vehicles, having one or two non-adjoining carriage ways for traffic, with crossings with roads at two or more levels (railways or tramways), without a stop lane. The express road 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

  Data on length and type of roads. All public ranked roads are covered, that is, those that are classified as motorways or state, county or local roads.

- Statistical population

  All ranked roads in Republic of Croatia.

1. Relevance

1.1 Data users

Users of road infrastructure statistics are state institutions, companies, 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 carried out in 2013, and since 2024, the survey has been conducted annually. The survey results are available on the Croatian Bureau of Statistics website under User satisfaction surveys.

1.2. Completeness

The survey covers all variables determined in the legal basis.

1.2.1 Data completeness rate

The data completeness rate is 100%.

2. Accuracy and reliability

2.1. Sampling error

Not applicable.

2.1.1 Sampling error indicators

Indicator is not applicable.

2.2. Non-sampling error

Not applicable.

2.2.1. Coverage error

Not applicable.

2.2.2. Over-coverage rate

Indicator is not applicable.

2.2.3. Measurement error

During the statistical data processing, data verification is conducted.

2.2.4. Non-response error

Not applicable.

2.2.5. Unit non-response rate

Indicator was not computed.

2.2.6. Item non-response rate

Indicator was not computed.

2.2.7. Processing error

Not applicable.

2.2.8. Imputation rate

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 revisions on the website of the Croatian Bureau of Statistics, on the link General Revision Policy of the CBS.

2.3.2. Data revision – practice

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.

2.3.3. Data revision – average size

Indicator 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 year.

3.1.1. Time lag – first results

Indicator is not applicable.

3.1.2. Time lag – final results

Timeliness – 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 electronic form on the website of the Croatian Bureau of Statistics (CBS).

4.1. News release

Data are not published in First Releases.

4.2. On-line 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 Conditions and Terms of Access and Use of Confidential Statistical Data of the Croatian Bureau of Statistics for Scientific Purposes (NN, No. 5/23).

4.4. Documentation on methodology

Definitions of the terms used is available in CBS publications and additional elements are available in the Illustrated Glossary for Transport Statistics - fifth edition.

5. Comparability over time

5.1. Asymmetry for mirror flows statistics

The indicator for this survey is not applicable.

5.2. Comparability - over time

Until 2010, total length of express roads was included in length of state roads. To achieve better presentation of data and international comparability, from 2011 part of express road which have been categorized as motorway is presented in length of motorways. To obtain comparable data series, data from 2007 to 2010 have been revised and part of the express road is presented in the length of the motorway and part in the length of the state roads. In 2012, public roads were recategorised (the Decision on Ranking of Public Roads and the Decision on Roads on the Territory of Major Cities No Longer Ranked as Public Roads, (NN, No. 44/12). County and local roads in cities were recategorised to urban roads by which they became unranked roads that are not the competence of the Croatian Roads Authority.

5.2.1. Length of comparable time series

Length of comparable time series is 55.

5.2.2. Reasons for break in time series

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

5.3. Coherence – subannual and annual statistics

Indicator is not applicable.

5.4. Coherence – national accounts

Indicator is not applicable.

5.5. Coherence – administrative sources

Indicator 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.