



REPUBLIC OF CROATIA
CROATIAN BUREAU OF STATISTICS



QUALITY REPORT FOR STATISTICAL SURVEY

Annual Report on Merchant Navy (PP/G-31) for 2024

Organisational unit: Spatial Statistics Directorate, Transport Statistics Department

Prepared by: Snježana Kos and Lidija Pilat

September 2025

0. Basic information

- Purpose, goal, and subject of the survey

The statistical survey on the merchant navy is aimed at collecting and disseminating statistics on the number and type of ships registered with harbour master's offices of the Republic of Croatia.

- 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 and 155/23)

- Classification system

Codebook of Types of Vessels

- Concepts and definitions

Passenger ship is a ship designed specifically to carry more than 12 fare-paying passengers whether berthed or unberthed.

Ferry is a ship specifically designed to carry passengers as well as motor and other road vehicles.

Tanker is a liquid bulk carrier.

Tugs are ships designed for the towing and/or pushing of ships or other floating structures.

Gross tonnage (GT) is a measure unit for the overall size of a ship determined in accordance with the provisions of the International Convention on Tonnage Measurement of Ships, 1969.

Deadweight tonnage (DWT) represents the difference in tonnes between the displacement of a ship on summer load-line in water with a specific gravity of 1.025 and the total weight of the ship, i.e. the displacement in tonnes of a ship without cargo, fuel, lubricating oil, ballast water, fresh water and drinking water in the tanks, usable supplies as well as passengers, crew and their possessions.

Power of main engine means factory-declared power. Total installed power capacity means the entire power of a driving engine on a ship (main engine, electricity generator, etc.), which is expressed in kW.

Construction year means the year when the ship was built. Concerning restored ships, a year when the ship was restored is entered.

- Statistical units

Maritime vessel

- Statistical population

Registered merchant fleet in the Republic of Croatia

1. Relevance

1.1. Data users

State institutions, enterprises, researchers, scientists, etc.

1.1.1. User needs

The standard in use at the level of the European Statistical System satisfies 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 next one in 2015 and 2022, and the last one at the end of 2024. The results of the survey are available on the website of the Central Bureau of Statistics <https://dzs.gov.hr/highlighted-themes/quality/user-satisfaction-surveys/686>.

1.2. Completeness

The survey covers all variables determined in the legal basis.

1.2.1. Data completeness rate

Data completeness rate is 100%.

2. Accuracy and reliability

2.1. Sampling error

The indicator for this survey is not applicable.

2.1.1. Sampling error indicators

The indicator is not applicable.

2.2. Non-sampling error

Non-sampling error occurs in the form of measurement error and non-response error.

2.2.1. Coverage error

The indicator is not computed.

2.2.2. Over-coverage rate

The indicator is not applicable.

2.2.3. Measurement errors

During the statistical analysis, received data are compared to the previous year, whereas possible major deviations are checked in cooperation with the harbour master's office.

2.2.4. Non-response errors

Non-response errors are reduced to zero during the analysis by frequently contacting the reporting units (by phone, e-mail and letters) as well as by building good business relationships with reporting units.

In case of a missing variable, a possibility of a check-up or imputation from publicly available data sources is considered.

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

The indicator is not computed.

2.2.8. Imputation rate

The indicator is not computed.

2.2.9. Model assumption error

The indicator is 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

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

The indicator is not applicable.

2.4. Seasonal adjustment

The indicator is not applicable.

3. Timeliness and punctuality

3.1. Timeliness

Data are published eight months after the year end.

3.1.1. Timeliness – first results

The indicator is not applicable.

3.1.2. Timeliness – final results

Timeliness of final results is T + 239 days.

3.2. Punctuality

There is no time lag between the actual dissemination date of the data and the planned date when they were to be disseminated 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.

4.1. News release

Data for the survey on merchant navy are not published in the First Release.

4.2. Online database

Data are not available in online databases.

4.3. Microdata 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 used in data collection are available in the publications of the Croatian Bureau of Statistics.

5. Coherence and comparability

5.1. Asymmetry for mirror flows statistics

The indicator is not applicable.

5.2. Comparability over time

The comparable time series of data on merchant navy has been available since 1997.

5.2.1. Length of comparable time series

Length of comparable time series is 27.

5.2.2. Reasons for break in time series

The annual dissemination of data on merchant navy has been available since 1997.

5.3. Coherence – short-term and structural data

The indicator is not applicable.

5.4. Coherence – national accounts

The indicator is not applicable.

5.5. Coherence – administrative sources

The indicator is not applicable.

6. Cost and burden

6.1. Cost

The indicator is not computed.

6.2. Burden

The response burden is put on harbour master's offices employees who collect and summarise the data required for statistical purposes from Register of Ships.