

## **QUALITY REPORT FOR STATISTICAL SURVEY**

### **Annual Report on Air Transport (PZ/G-11) for 2023**

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## 0. Basic information

- Purpose, goal, and subject of the survey

The goal of the survey is the collection and dissemination of data on the number of aircraft by type and capacity, the number of national and international lines, the purchase and consumption of fuel, the costs of investment and maintenance of aircraft and the number of employees.

- 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)

Decision on the National Classification of Activities, 2007 version – NKD 2007 (NN, Nos 58/07 and 72/07)

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

- Classification system

National Classification of Activities, 2007 version

- Statistical concepts and definitions

Net aircraft loading capacity is the capacity of an aircraft intended for the transport of passengers, luggage, goods and mail (the weight of fuel is not included).

The number of lines is the total sum of all scheduled flights operated by domestic carriers, while their total length is the sum total of the length of all scheduled lines, counting the length of the line in one direction only.

Working flights are flights with sole commercial purpose, while aircraft kilometres are the routes of an aircraft, that is, the sum total of all lengths of working flights. Aircraft hours are counted from the moment of ignition until the moment of turning off the engine.

- Statistical units

Business entities, that is, air carriers engaged in the public transport of passengers, goods and mail.

- Statistical population

Business entities registered in the activity of air transport in section H of the NKD 2007, class 51.10 Passenger air transport, and class 51.21 Freight air transport.

## 1. Relevance

### 1.1. Data users

National Accounts

Researchers and scientists, journalists

#### 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, and the last one at the end of 2022. 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 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 is not applicable.

### 2.2. Non-sampling error

The indicator for this survey is not computed.

#### 2.2.1. Coverage error

The indicator for this survey is not computed.

#### 2.2.2. Over-coverage rate

The indicator is not applicable.

#### 2.2.3. Measurement error

During the statistical data processing, data verification is conducted.

#### 2.2.4. Non-response errors

Non-response errors during processing are reduced to zero by frequent contact with reporting units (by phone, e-mail) and by building good business relations with reporting units.

#### 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 for this survey is not computed.

#### 2.2.8. Imputation rate

The indicator is not applicable.

#### 2.2.9. Model assumption error

The indicator for this survey is not computed.

## **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**

The indicator is not applicable.

## **2.4. Seasonal adjustment**

Not applicable.

## **3. Timeliness and punctuality**

### **3.1. Timeliness**

Eight months after the end of the year.

#### **3.1.1. Timeliness – first results**

The indicator is not applicable.

#### **3.1.2. Timeliness – 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.

### **4.1. News releases**

Data are not available in First Releases.

### **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**

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

### **5. Coherence and comparability**

#### **5.1. Asymmetry for mirror flows statistics**

Not applicable.

#### **5.2. Comparability over time**

Since 1991.

##### **5.2.1. Length of comparable time series**

Length of comparable time series is 32.

##### **5.2.2. Reasons for break in time series**

Data have been available since 1991. There was no break in time series.

#### **5.3. Coherence – sub-annual and annual statistics**

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 response burden is on the reporting units.

#### **6.2. Burden**

The burden on respondents is not measured.