



REPUBLIC OF CROATIA



CROATIAN BUREAU OF STATISTICS

## **QUALITY REPORT FOR STATISTICAL SURVEY**

### **Extrastat – Statistics on Trading in Goods with non-EU Member States for 2020**

Organisational unit: Foreign Trade in Goods Statistics Department  
Prepared by: Dubravka Drempećić and Irena Radić

October 2021

## 0. Basic information

- Purpose, goal, and subject of the survey

The importance of statistics on trading in goods of the Republic of Croatia with non-EU countries is the result of the importance of this activity for Croatia's economy. Following the basic methodological recommendations of the UN Statistics Division and Eurostat, the Croatian Bureau of Statistics statistically processes and disseminates the collected Intrastat (statistics on trading in goods with EU Member States) and Extrastat (statistics on trading in goods with non-EU countries) data as a unique information on foreign trade in goods of the Republic of Croatia. These statistical data are the most important instrument for numerous institutions that create economic policies: they enable administrative bodies to prepare multilateral and bilateral negotiations, and companies to conduct market research and define their market position; they serve as a basic source of information for the preparation of the country's balance of payments and national accounts as well as for the calculation of the gross domestic product and the analysis of economic cycle. These statistics are among the most important areas of statistical activity. They provide information on decrease or increase of a country's material resources, as well as on the participation of our country in the international trade; they represent an important part of the statistical documentation base, which is required for the monitoring of the country's economic developments, and an essential element for the calculation of a country's national accounts system. The data source for statistics on trading in goods with third countries, that is, non-EU countries, are Single Administrative Documents on the export and import of goods. The Croatian Bureau of Statistics receives the reviewed Single Administrative Documents from the Customs Administration of the Republic of Croatia in the form of data records.

- Reference period

Calendar year

- Legal acts and other agreements

The legal basis for conducting the Extrastat survey is the European legislation related to statistics on trading in goods with third countries (Regulation (EC) No 471/2009 and the amending Regulations Nos 2016/1724 and 2016/2119 of the European Parliament and of the Council, Commission Regulation (EU) No 92/2010 and amending Regulation Nos 2016/1253 and Commission Regulation (EU) No 113/2010), EU Customs Legislation Implementation Act (OG, No. 40/16), Official Statistics Act (OG, No. 25/20), Annual Implementation Plan of Statistical Activities of the Republic of Croatia 2020 (OG, No. 12/20), Customs Service Act (OG, Nos 68/13, 30/14, 115/16, 39/19 and 98/19). Ordinance on Filling in the Single Administrative Document (OG, Nos 65/19 and 136/20).

- Classification system

Combined Nomenclature 2020

National Classification of Activities 2007

Geonomenclature

Standard International Trade Classification (SITC, Rev. 4)

Main Industrial Groupings, 2009

Types of trade transactions

Modes of transport

Currencies

- Concepts and definitions

The values expressed are actual values achieved at the time when deals were contracted (invoice values), which are then further recalculated according to deliveries at the Croatian border. Export values are calculated on the basis of the FOB parity. It means that the invoice value is reduced for transportation and other costs incurred from the Croatian border to the place of delivery abroad, if it was agreed that goods are delivered abroad. If it was agreed for the delivery to take place in the country (Republic of Croatia), the invoice value is increased by the costs incurred from the place of delivery in Croatia to the Croatian border. Import values are calculated on the basis of the CIF parity. It means that the invoice value is increased by transportation and other costs incurred from the place of delivery abroad to the Croatian border, if it was agreed that goods are delivered abroad. If it was agreed for the delivery to take place in the country (Republic of Croatia), the invoice value is reduced for the costs incurred from the Croatian border to the place of delivery in Croatia. Official data on foreign trade in goods are expressed in the national currency, American dollars and euros. The amounts expressed in foreign currency are converted into kuna, euros and American dollars according to the monthly exchange rate lists determined for the reporting month. The mean exchange rate of the Croatian National Bank is used.

- Statistical units

All business entities that realise the trade in goods with non-EU countries.

- Statistical population

Business entities included in the Statistical Business Register

## 1. Relevance

### 1.1. Data users

The main users are ministries and state administration bodies, the Croatian Chamber of Economy, financial institutions (Croatian National Bank, commercial banks), economic analysts, the media, researches and students, entrepreneurs, international organisations (UNSD, IMF) and users within the Croatian Bureau of Statistics (Macroeconomic Statistics Directorate, Spatial Statistics Directorate – Agricultural Production and Structural Statistics Department and Environment and Energy Statistics and Sustainable Development Indicators Department).

#### 1.1.1. User needs

International trade is an important part of the world economy, so statistics must monitor it in an adequate way. The foreign trade statistics is a valuable source of data on trends of exports and imports of goods for numerous users who create economic policies: they enable administrative bodies to prepare multilateral and bilateral negotiations, and companies to conduct market research and define their market position; they serve as a basic source of information for preparation of the country's balance of payments and national accounts as well as for the calculation of the gross domestic product and the analysis of economic cycle.

### 1.1.2. User satisfaction

In April 2015, the Croatian Bureau of Statistics conducted the user satisfaction survey for the second time. The aim of the research was to determine users' satisfaction with the quality of data and services, as well as their needs. The survey was conducted in the period from 13 to 26 April 2015 on a sample of data users of the Croatian Bureau of Statistics by combining a web-based questionnaire and telephone interviewing. The survey included 952 users. Regarding the data usage by statistical area, 799 users responded and 22.0% of them used data on the foreign trade in goods. Considering the overall quality of data (their timeliness, availability and comparability), the average score of users' evaluation of data in the area of foreign trade in goods was 3.56.

## 1.2. Completeness

Information is complete and fully in line with the concepts and definitions based on the principles of the Code of Practice of the European Statistics, which is defined by Regulation (EC) No 223/2009 of the European Parliament and of the Council of 11 March 2009 concerning structural business statistics.

### 1.2.1. Data completeness rate

Indicator for this survey is not computed.

## 2. Accuracy and reliability

### 2.1. Sampling error

Not available.

#### 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

Not available.

#### 2.2.1. Coverage error

Not available.

#### 2.2.2. Over-coverage rate

Indicator for this survey is not applicable.

#### 2.2.3. Measurement errors

Goods, as well as their quantity and value, are often classified incorrectly by PSIs filling in Single Administrative Documents. The impact of this error is very difficult to measure, but it is considered be a major reason for asymmetries in mirror statistics.

#### 2.2.4. Non-response errors

Not available.

#### 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

The error list contains identification fields of non-valid records (validity status = excluded, or validity status = included and recoding flag = recoded), accompanied with validity error codes and explanations. The fields containing the error list are flow of goods, reference period, OIB, form registration number, ordinal number of item, error code, error explanation. One record can have more types of validity errors; therefore, one record can appear in several rows in an error list.

#### 2.2.8. Imputation rate

Indicator for this survey is not applicable.

#### 2.2.9. Editing rate

Indicator for this survey is not applicable.

#### 2.2.10. Hit rate

Indicator for this survey is not applicable.

#### 2.2.11. Model assumption error

Not available.

### **2.3. Data revision**

#### 2.3.1. Data revision – policy

The users of statistical data are informed about revisions (preliminary data, final data) on the web site of the Croatian Bureau of Statistics.

#### 2.3.2. Data revision – practice

Monthly data are corrected until final data processing for the current year is completed (the middle of the next year). Monthly data are considered provisional until the final processing for the current year is completed and dissemination of final data is done.

### 2.3.3. Data revision – average size

#### Data revision – average size

Statistics	Domain	Domain value	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Average
			5.82	5.74	7.50	6.19	5.67	5.04	5.53	5.00	5.57	6.64	7.18	5.29	5.93

### 2.4. Seasonal adjustment

Not applicable.

## 3. Timeliness and Punctuality

### 3.1. Timeliness

#### 3.1.1. Time lag – first results

Timeliness of first results is T + 40 days.

#### 3.1.2. Time lag – final results

Timeliness of final results is T + 6 months.

### 3.2. Punctuality

#### 3.2.1. Punctuality – delivery and publication

Delivery and publication is 100 % (all data are published at the time specified in the Calendar of Statistical Data Issues). The results of the survey were published on the exact date specified in the 2020 Calendar of Statistical Data Issues.

## 4. Accessibility and clarity

Data are published in the First Release Nos 4.2.1. and 4.2.2., Statistics in Line, Statistical Information of the Republic of Croatia, Croatia in Figures and Statistical Database – Foreign Trade in Goods

### 4.1. News release

Foreign Trade in Goods of the Republic of Croatia

### 4.2. Other publications

Statistics in Line  
Statistical Information of the Republic of Croatia  
Croatia in Figures

### 4.3. On-line database

PC-Axis Database: Foreign Trade in Goods

#### **4.4. Micro-data access**

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

#### **4.5. Documentation on methodology**

Notes on methodology can be found in the First Release Nos 4.2.1. and 4.2.2., the Statistics in Line and the Statistical Database – Foreign Trade in Goods. A detailed description of the methodology applied can be found in the quality reports published on the web page of the Croatian Bureau of Statistics.

### **5. Comparability**

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

The indicator for the trade in goods statistics was not computed in 2020.

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

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

The length of comparable time series in December 2020 is: 90 months or 7.5 years.

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

The first break in time series took place in 2007, when the National Classification of Activities was changed, while the second break was due to the accession of the Republic of Croatia to the European Union on 1 July 2013. Since then, data on foreign trade in goods statistics of the Republic of Croatia have been acquired from two different sources: the Intrastat form for the statistics of the trading in goods between the EU Member States (Intrastat) and the single administrative document for statistics of trading in goods with non-EU countries (Extrastat).

### **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 applicable.

## **7. Cost and burden**

### **7.1. Cost**

The Intrastat Department of the Customs Administration is in charge of data collection, while the Croatian Bureau of Statistics is in charge of processing and dissemination of statistical data. Data processing for Extrastat involves 2 – 3 employees.

### **7.2. Burden**

There is no additional burden on reporting units because it is an administrative data source.