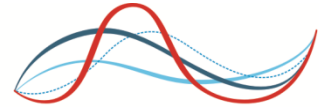




REPUBLIC OF CROATIA



CROATIAN BUREAU OF STATISTICS

**QUALITY REPORT FOR STATISTICAL SURVEY  
PRODCOM SURVEY ON INDUSTRIAL PRODUCTION  
(IND-21/PRODCOM/G)  
For 2018**

Organisational unit: Industrial Annual Business Statistics and Producer Prices Unit  
Prepared by: Goran Dolšak and Luka Mihelj

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## 0. Basic information

- Purpose, goal, and subject of the survey

The total annual industrial production (for own account and under contract with the principal), internal consumption in the reporting year in quantities and sales of industrial products in quantities and value – total and, out of that, for export, all according to the Nomenclature of Industrial Products (NIP 2018.), which is based on the PRODCOM List 2018 for activity sections B, C, D and E (only division 36) according to the NKD 2007.

- Reference period

Calendar year.

- Legal acts and other agreements

Statistical Standards for the PRODCOM Survey on Industrial Production (IND-21/PRODCOM) for 2018 (published in Narodne novine (Official Gazette of the Republic of Croatia) at the end of 2018/beginning of 2019)

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

Classification of Products by Activities of the Republic of Croatia, 2015 version – KPD 2015 (NN, No 157/14)

Nomenclature of Territorial Units for Statistics (NN, No. 35/07)

Accounting Act (NN, Nos 109/07, 125/11 and 54/13)

Council Regulation (EEC) No 3924/91 of 19 December 1991 on the establishment of a Community survey of industrial production

Commission Regulation (EC) No 842/2014 of 4 July 2014 establishing for 2014 the 'Prodcom list' of industrial products provided for by Council Regulation (EEC) No 3924/91

Regulation (EC) No 1893/2006 of the European Parliament and of the Council of 20 December 2006 establishing the statistical classification of economic activities NACE Revision 2 and amending Council Regulation (EEC) No 3037/90 as well as certain EC Regulations on specific statistical domains

Regulation (EC) No 451/2008 of the European Parliament and of the Council of 23 April 2008 establishing a new statistical classification of products by activity (CPA) and repealing Council Regulation (EEC) No 3696/93

Commission Implementing Regulation (EU) No 927/2012 of 19 October 2013 amending Annex I to Council Regulation (EEC) No 2658/87 on the tariff and statistical nomenclature and on the Common Customs Tariff – CN 2013

Regulation (EC) No 1059/2003 of the European Parliament and of the Council of 26 May 2003 on the establishment of a common classification of territorial units for statistics (NUTS)

Commission Regulation (EU) No 1209/2014 of 29 October 2014 amending Regulation (EC) No 451/2008 of the European Parliament and of the Council establishing a new statistical classification of products by activity (CPA) and repealing Council Regulation (EEC) No 3696/93

- Classification system

Nomenclature of Industrial Products for the Annual PRODCOM Survey on Industrial Production, version for 2018

PRODCOM List (List of PRODUcts of the European COMMunity), 2018 version

Classification of Products by Activities of the Republic of Croatia, 2008 version

Statistical Classification of Products by Activity in the European Economic Community, 2008 version

Customs Tariff 2018

National Classification of Activities, 2007 version

- Concepts and definitions

PRODCOM results ensure detailed information about the national market and its competitiveness on international markets at the individual product/commodity level by linking with foreign trade data via the CT in the same way as the PRODCOM results within EU, with which it is already harmonised.

- Statistical units

The Survey covers all trade companies and other legal entities and natural persons and parts thereof employing 10 and more persons that were engaged in industrial production and/or services (production on own account or on contract basis) in a referent annual period, as defined in the NKD 2007. sections B, C, D and E (only division 36).

- Statistical population

Reporting units in PRODCOM surveys on industrial production are all trade companies and other legal entities, tradesmen and parts thereof employing ten and more persons engaged in industrial production and/or services (own account production or on contract basis) defined in the NKD 2007. sections B, C, D and E (only division 36) in a referent annual period. Target statistical units are industrial enterprises and industrial local units of industrial and non-industrial enterprises that produce products defined in the NIP (in line with the PRODCOM List).

## 1. Relevance

### 1.1. Data users

Internal:

- users from the Croatian Bureau of Statistics: National Accounts Directorate

External:

- national users: ministries and state administration bodies, Croatian Chamber of Economy and business entities and international users.

### 1.1.1. User needs

Users require detailed data on movements of annual industry indicators (specific activity) for market analysis, business monitoring and decision-making (business entities) purposes, for research and writing academic papers purposes (students).

### 1.1.2. User satisfaction

The first user satisfaction survey of the Croatian Bureau of Statistics was carried out in 2013, and the second one in 2015, for which detailed data are available on the website of the Croatian Bureau of Statistics under the section Quality:

[http://www.dzs.hr/Hrv/international/Quality\\_Report/Quality\\_Report\\_Documents/Quality\\_Report\\_Satisfaction\\_Survey.pdf](http://www.dzs.hr/Hrv/international/Quality_Report/Quality_Report_Documents/Quality_Report_Satisfaction_Survey.pdf)

## 1.2. Completeness

Commission Regulation (EU) No. 2017/2119 of 22 November 2017 establishing the 'Prodcom list' of industrial products provided for by Council Regulation (EEC) No 3924/91 (Text with EEA relevance) (OJ L 325 of 8 December 2017).

### 1.2.1. Data completeness rate

Data completeness rate is 100%.

## 2. Accuracy and reliability

### 2.1. Sampling error

The survey is based on the cut-off sample.

#### 2.1.1. Sampling error indicators

The indicator for this survey is not applicable.

#### 2.1.2. Bias in sample selection process

Bias in sample selection process for certain statistics:

Statistics	Coverage	Value of coverage	Value
IND-21/PRODCOM/G	Croatia	Croatia	0.86

%

### 2.2. Non-sampling error

Unit non-response rate is 0.01%.

The non-response rate for key variables is approximately 0.

### 2.2.1. Coverage error

A special criterion applied to the coverage of statistical units in the PRODCOM survey is the so-called 90% rule, which means that a share of at least 90% of gross value added must be achieved for each group activity of the NKD 2007. (05.10 to 36.00). If this criterion is not met, the coverage of particular NKD 2007. groups is extended to statistical units employing less than ten persons, e.g. small industries such as baking or printing industries and the like.

### 2.2.2. Over-coverage rate

The indicator for this survey is not applicable.

### 2.2.3. Measurement errors

Data collection via an electronic form on the website of the Croatian Bureau of Statistics has greatly reduced the possibility of calculation errors, incorrect codes and units of measurement.

The form contains various warnings in case there is a visible deviation from previous year.

Errors made by companies when entering data that do not later pass data verification can occur, and are resolved by contacting the person in charge of filling out the form.

### 2.2.4. Non-response errors

In case of non-response of a unit, data are estimated but have no impact on key results.

### 2.2.5. Unit non-response rate

The unweighted non-response rate is 0.01%.

### 2.2.6. Item non-response rate

Unweighted non-response rate for certain variables

Statistics	Coverage	Value of coverage	Value
Non-response rate for all variables	Croatia	Croatia	0.01

%

### 2.2.7. Processing errors

The classification according to the NKD is taken over from the Statistical Business Register (SBR) and according to prevailing activity from PRODCOM. At the beginning of each year, the compatibility of the type of production and the indicated NKD activity is checked for the companies included in the scope of the survey, thus reducing incorrect classification according to the NKD classification. The data validation check has been established to check the data themselves.

### 2.2.8. Imputation rate

The indicator for this survey is not applicable.

#### 2.2.9. Editing rate

The indicator for this survey is not computed.

#### 2.2.10. Hit rate

The indicator for this survey is not computed.

#### 2.2.11. Model assumption error

The estimate calculation model is not applied.

### **2.3. Data revision**

#### 2.3.1. Data revision – policy

The users of statistical data are informed about revisions (provisional, final data) on the website of the Croatian Bureau of Statistics.

#### 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**

Not applicable.

## **3. Timeliness and punctuality**

### **3.1. Timeliness**

#### 3.1.1. Time lag – first results

Time lag – first results is T + 10 months.

#### 3.1.2. Time lag – final results

Time lag – final results is T + 15 months.

### **3.2. Punctuality**

#### 3.2.1. Punctuality – delivery and publication

Punctuality is 0.

## **4. Accessibility and clarity**

Annual First Release, annual statistical report on industry, Statistical Yearbook of the Republic of Croatia, Statistics in Line.

Data are available online on the website of the Croatian Bureau of Statistics and in printed form at the Library of the Croatian Bureau of Statistics for reading or purchase.

### **4.1. News release**

Annual First Release: 2.1.5. PRODUCTION AND SALE OF INDUSTRIAL PRODUCTS (PRODCOM), 2018, First Results

### **4.2. Other publications**

Statistical Yearbook of the Republic of Croatia

Industrial Production, 2018 Annual Report – PRODCOM results

### **4.3. Online database**

On the website of the Croatian Bureau of Statistics under the Statistics in Line:  
<http://www.dzs.hr/Hrv/publication/StatisticsInLine.htm>

### **4.4. 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 (NN, No. 103/03, 75/09, 59/12 and 12/13 – consolidated text).

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

Description of the methodology and data sources can be found at the end of each First Release and Report: Annual First Release: 2.1.5. PRODUCTION AND SALE OF INDUSTRIAL PRODUCTS (PRODCOM), 2018, First Results. Methodology for the Statistical Implementation of the National Classification of Activities, 2007 version – NKD 2007., Methodological Bases for the Annual Report on Industry (IND-21), Statistical Standards for PRODCOM Survey on Industrial Production for 2009 (IND-21/PRODCOM).

## **5. Comparability**

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

Not applicable.

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

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

Length of comparable time series is 12.

### 5.2.2. Reasons for break in time series

Main revisions are planned to be carried out every five years in relation to the change of the reference year due to the change of the National Classification of Activities. The classification of enterprises according to NKD is checked every two years.

## 6. Coherence

### 6.1. Coherence – short-term and structural data

The indicator for this survey is not applicable.

### 6.2. Coherence – national accounts

The indicator for this survey is not applicable.

### 6.3. Coherence – administrative sources

The indicator for this survey is not applicable.

## 7. Cost and burden

### 7.1. Cost

Data collection is based on an online survey and, accordingly, costs are minimal.

### 7.2. Burden

The burden on reporting units has been greatly reduced by switching to an online survey and filling in an electronic form in which the main features (name of the reporting unit, product codes and units of measurement) are previously filled in.