



REPUBLIC OF CROATIA



CROATIAN BUREAU OF STATISTICS

QUALITY REPORT FOR STATISTICAL SURVEY

PRODCOM Survey on Industrial Production (IND-21/PRODCOM/G form)

For 2017

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October 2019

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 2017.), which is based on the PRODCOM List 2017 for 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 2017 (to be published in the Official Gazette at the end of 2017/at the beginning of 2018)
Decision on the National Classification of Activities 2007 – NKD 2007. (OG, Nos 58/07 and 72/07)

Classification of Products by Activity of the Republic of Croatia – KPD 2015. (NN, No. 157/14)
Nomenclature of Territorial Units for Statistics (NN, No. 35/07)

Accounting Act (OG, 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 9 October 2012 amending Annex I to Council Regulation (EEC) No 2658/87 on the tariff and statistical nomenclature and on the Common Customs Tariff

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 (EC) No 1209/2014 of 29 November 2014 implementing Regulation (EC) No 451/2008 of the European Parliament and of the Council on the establishment of a common classification of territorial units for statistics (NUTS), as regards the transmission of the time series for the new regional breakdown

- Classification system

Nomenclature of Industrial Products for Annual PRODCOM Survey on Industrial Production, version for 2017

PRODCOM List (List of PRODUcts of the European COMMunity), 2017 version

Classification of Products by Activity of the Republic of Croatia, Version 2008

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

Custom Tariff 2017

National Classification of Activities 2007

- Concepts and definitions

The PRODCOM results provide detailed information about a national market and its competitiveness on international markets at the individual product/commodity level, because they are linked with foreign trade data via CT in the same way as the EU PRODCOM results with which they are 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 of the PRODCOM Survey are 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). 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

Data users are:

internal – users in CBS: National Accounts Department,

external – national users: ministries and state administration bodies, Croatian Chamber of Economy, business entities on request and international users: Eurostat

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 was carried out in 2013 and the next one in 2015, for which detailed results can be found on the CBS website under the section Quality.

https://www.dzs.hr/Eng/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 325/1 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 a cut-off sample.

2.1.1 Sampling error indicators

Indicator for this survey is not applicable.

2.1.2 Bias due to sample selection process

Bias due to sample selection process for specific statistics:

Statistics	Domain	Domain value	Value
IND-21/PRODCOM/G	Croatia		0,89

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 activities 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 10 persons, e.g. small industries such as baking or printing industries and the like.

2.2.2 Over-coverage rate

Indicator for this survey is not applicable.

2.2.3 Measurement errors

The electronic data collection on the CBS website has significantly reduced the possibility of calculation errors as well as incorrect codes and measurement units.

Also, when submitting the form, there are various warnings incorporated in case a certain aberration in relation to the previous year has been spotted.

It may happen that companies make errors during the entry of data that are not validated later. This is resolved by contacting the person who filled in the form.

2.2.4 Non-response errors

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

2.2.5 Unit non-response rate

Unweighted non-response rate is 0.01%

2.2.6 Item non-response-rate

Unweighted item non-response rate:

Statistics	Domain	Domain value	Value
Non-response rate for all variables	Croatia		0,01

%

2.2.7 Processing errors

The classification according to NKD classification is taken over from the Statistical Business Register (SBR) and according to prevailing activity from PRODCOM. Compatibility checks of the type of production and listed NKD activity for enterprises included in the Survey are performed at the beginning of every year, which reduces the possibility of incorrect breakdown according to the NKD classification. The data validation check has been established to check the data themselves.

2.2.8 Imputation rate

Indicator for this survey is not applicable.

2.2.9 Editing rate

Indicator for this survey is not computed.

2.2.10 Hit rate

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

2.3.3 Data revision – average size

Indicator for this survey is not applicable.

2.4. Seasonal adjustment

Not applicable.

3. Timeliness and Punctuality

3.1. Timeliness

3.1.1 Timeliness – first results

Timeliness for first results is T + 10 months

3.1.2 Timeliness – final results:

Time lag for 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 Reports on industry, Statistical Yearbook of the Republic of Croatia, Statistics in Line.

The data are available on the website of the Croatian Bureau of Statistics in an electronic form, but also in the paper form in the library of the Croatian Bureau of Statistics, to read or to purchase.

4.1. News release

Annual First Release: No. 2.1.6. Production and Sale of Industrial Products (PRODCOM), 2017, First Results

4.2. Other publications

Statistical Yearbook of the Republic of Croatia
Agricultural Production, 2017 Annual report – PRODCOM results

4.3. Online database

On the website of the Croatian Bureau of Statistics under Statistics in Line
<http://www.dzs.hr/Eng/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 Use of Statistical Data for Scientific Purposes (OG, No. 137/13).

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: No. 2.1.5. Production and Sale of Industrial Products (PRODCOM), 2017, 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

5.1.1 Length of comparable time series

Length of comparable time series is 12

5.1.2 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 (NKD). The classification of enterprises according to NKD is checked every two years.

6. Coherence

6.1. Coherence – short-term and structural data

Indicator for this survey is not applicable.

6.2. Coherence – national accounts

Indicator for this survey is not applicable.

6.3. Coherence – administrative sources

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

Response burden has been significantly reduced by switching to an online surveying by filling out an electronic form in which the main features, such as name of the reporting units, raw material codes and measurement units) were entered in advance.