

QUALITY REPORT FOR STATISTICAL SURVEY

Industrial Production in 2023 Annual report - PRODCOM Results

Organisation unit: Industry Statistics Department, Industrial Annual Business Statistics and
Producer Prices Unit

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0. Basic information

- Purpose, goal, and subject of the survey

The total annual industrial production (for its own account and under contract with the client), internal consumption in the reporting year in quantities and sales of industrial products in the quantities and value - total and on for export, all according to the Nomenclature of Industrial Products - NIP 2023 - which is based on the PRODCOM List 2023 for the branches B, C, D and E (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) in 2023, Decision on the National Classification of Activities 2007 - NKD 2007. (NN, Nos 58/07 and 72/07), Classification of Products by Activities of the Croatian Republic - KPD 2015. (NN, No. 157/14.), Nomenclature of Territorial Units for Statistics (NN, No. 35/07), Accounting Act (NN No. 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 and PRODCOM List of industrial Products Commission, Regulation (EU) No 1209/2014 of 29 October 2014 establishing for 2014 the "Prodcom list" of industrial products provided for by Council Regulation (EEC) No 3696/93, 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 Rev. 2 and amending Council Regulation (EEC) No 3037/90 and 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 Classification of Products by Activity (CPA) and repealing Regulation (EEC) No. 3696/93), Commission Regulation (EC) No 927/2012 of 19 September 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 2012 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) on the transmission of the time series for the new regional breakdown

- Classification system

Nomenclature of industrial products for annual PRODCOM survey of industrial production, version for 2023, PRODCOM List (List of PROducts of the European COMMunity), 2023 version, Classification of Products by Activity in the Republic of Croatia, 2008, Classification of Products by Activity in the European Economic Community, Version 2008, Custom Tariff 2019, National Classification of Activities 2007

- Statistical 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 Customs Tariff (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 in PRODCOM surveys on industrial production are all trade companies and other legal entities, tradesmen and parts thereof employing 10 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 Croatian Bureau of Statistics (CBS): Department of National Accounts

External- national users: ministries and state administration bodies, Croatian Chamber of Economy, businesses on request and International users.

1.1.1 User needs

The users require detailed data of annually industry indicators movements (specific activity) in purpose of market analysis, business monitoring and decision-making (enterprises), for research and writing academic papers (students).

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 survey results can be checked on the website of the Croatian Bureau of Statistics <https://dzs.gov.hr/highlighted-themes/quality/user-satisfaction-surveys/686>.

1.2. Completeness

Commission Regulation (EU) No. 2017/2119 of 22 November 2017 establishing for 2019 the "Prodcom list" of industrial products provided for by Council Regulation (EEC) No. 3924/91 (Official Journal of the European Communities No SL L 325 of 8 December 2017)

1.2.1 Data completeness rate

The 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.

2.2. Non-sampling error

The rate of non-response units is 0,01. The rate of non-response key variables - approximately is 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 4-digit group activity of the NKD 2007 (05.10 to 36.00). If this criterion is not met, the coverage of particular NKD 2007 4-digit 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 error

The data collection through the electronic form on the CBS website has highly reduce the possibility of calculation errors, incorrect codes and measurement units. Also there are incorporated various warnings when submitting a form if there is a visible oscillation between previous year. Errors by companies entering the incorrect data are also possible and these data don't pass logical-accounting control. They are resolved by contacting the person in charge of filling in the form.

2.2.4. Non-response error

In the case of non-response units, the data are estimated and they have no impact on the key results.

2.2.5. Unit non-response rate

Unweighted non-response rate is: 0,01%

Weighted non-response rate is: -

2.2.6. Item non-response rate

Unweighted item non-response rate

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

2.2.7. Processing error

The classification according to NKD classification is taken from the Statistical Business Register (SBR) and according to prevailing activity from PRODCOM. Compatibility checks of types of production and listed NKD activities for enterprises included in the research scope are performed at the beginning of each year. In this way incorrect NKD classification are reduced. Logical calculation controls are established for the data itself.

2.2.8. Imputation rate

Indicator for this survey is not applicable.

2.2.9. Model assumption error

Assessment calculating model is not used.

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

Survey does not disseminate preliminary results and that's the reason why the regular data revision does not exist

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

Data publishing: T+10 - expressed in months.

3.1.1. Time lag – first results

Time lag - first results is: T + 6

3.1.2. Time lag – final results

Time lag - final results is: T + 15

3.2. Punctuality

All First Releases are published on time according to the Calendar of Statistical Data Issues.

3.2.1. Punctuality – delivery and publication

Delivery and publication is: 0

4. Accessibility and clarity

Annual first release, Annual statistical reports of industry, Statistics in line. The data are available in electronic form on the website of the Central Bureau of Statistics.

4.1. News release

[First Release IND-2023-5-2 Production and Sale of Industrial Products \(PRODCOM\), 2023 - Provisional Data, September 2024](#)

[First Release IND-2023-5-1 Production and Sale of Industrial Products \(PRODCOM\), 2023 - Provisional Data, June 2024](#)

4.2. On-line database

On the website of the Croatian Bureau of Statistics under the Data section: [PC Axis Database](#)

4.3. Micro-data 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

Description of the methodology and data sources can be found at the end of each First Release and Report: Methodology for the Statistical Implementation of the National Classification of Activities, 2007 version - NKD 2007, Methodological basis for the annual report of industry (Ind - 21), The Statistical Standards for PRODCOM Survey on Industrial Production for 2009 (IND-21/PRODCOM)

5. Comparability over time

5.1. Asymmetry for mirror flows statistics

Not applicable.

5.2. Comparability - over time

Since 1995

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 every five years with the change of the reference year due to the change of National classification of Activities (NKD).

5.3. Coherence – subannual and annual statistics

Indicator for this survey is not applicable.

5.4. Coherence – national accounts

Indicator for this survey is not applicable.

5.5. Coherence – administrative sources

Indicator for this survey is not applicable.

6. Cost and burden

6.1. Cost

Data collection is based on an online survey and according with that costs are minimal.

6.2. Burden

Response burden is greatly reduced by switching to an on-line survey by filling out an electronic form in which the main features such as name of the reporting units, product codes and measurement units are already filled in.