

QUALITY REPORT FOR STATISTICAL SURVEY

Annual Survey on Raw Material and Energy Consumption in Industry (IND-21/REPRO/G) for 2023

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Producer Prices Unit
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0. Basic information

- Purpose, goal, and subject of the survey

In this study, are following the total purchased and used quantities and stocks and / or the value of raw materials and their supplies for industrial production at the level of the Nomenclature of basic raw materials in industry - NRMI 2016, purchased and used quantity and / or value of energy in industry by type of energy, including their stock.

- Reference period

Calendar year

- Legal acts and other agreements

Statistical Standards for The Annual Survey on consumption of raw materials and fuels in industry (IND-21 / REPRO / G); Nomenclature of basic raw materials in industry - NRMI 2016; The Law on the National Classification of Activities (NN, Nos. 98/94.); Decision on the National Classification of Activities 2007 - NKD 2007. (NN, Nos. 58/07, and 72/07.); Classification of Products by Activity the Croatian - KPD 2015. (NN, Nos. 157/14.); Raw materials and recovery of raw materials, cat. No. CA-57-89-451-31; Series C Eurostat Energy statistics methodology, Eurostat, 2000 REGULATION (EU) No 549/2013 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 21 May 2013 on the European system of national and regional accounts in the European Union (ESA 2010); OJ L 174/1, 26 June 2013. Council Regulation (EC) No 2223/96 of 25 June 1996 on the European system of national and regional accounts in the Community: Methodology note on I/O tables, websites of CIRCA; Eurostat 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) 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)

- Classification system

National Classification of Activities 2007, Nomenclature of Raw Material and Consumable Inputs of Industry, Version 2016

- Statistical concepts and definitions

The results were aggregated from data collected at the level of the Nomenclature of Raw Materials and Consumables for Industry - NRMI 2016, which is an integral part of the Statistical Standards for the Annual Survey on Raw Materials and Energy Consumption in Industry (IND-21/REPRO form) for 2023 in the Republic of Croatia

- 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 the REPRO Survey on the Consumption of Raw Materials and Consumables in Industry in 2023 are all trade companies, tradesmen and other legal entities and parts thereof employing 10 and more persons that consumed raw materials and consumables for industrial production purposes within the NKD 2007. industrial sections B, C, D and E (only division 36) in a referent annual period. Target statistical units are industrial enterprises and local units of industrial and

non-industrial enterprises that consumed raw materials and consumables defined in the NRMI 2016. for industrial production purposes already recorded in the PRODCOM Survey for 2023, except statistical units or parts thereof that are "physically" situated outside the territory of the Republic of Croatia.

1. Relevance

1.1 Data users

Internal - users from the Central Bureau of Statistics, Department of National Account

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

1.1.1 User needs

The users require detailed data of annual 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 results of the survey are available on the website of the Croatian Bureau of Statistics - [User satisfaction surveys](#).

1.2. Completeness

All planned and requested data are regularly produced.

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 errors in estimations which cannot be linked to the sample selection is the non-response rate, non-response rate is negligible and has no effects on the key results.

2.2.1. Coverage error

Data on the value of consumed raw materials and consumables for purposes of the industrial production in 2019 were compiled by the processing of the Annual Survey on Raw Materials and Energy Consumption in Industry for 2023 (IND-21/REPRO form), with the coverage of 2 798 industrial local units belonging to legal entities and tradesmen employing 10 and more persons. As an exception if a state administration office is in county- Statistical Office eventually considers that a reporting statistical unit from the viewpoint of the county is important CBS determines its importance and is subsequently included in the study.

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 Central Bureau of Statistics 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. Also, all requested variables from questionnaire are collected so there is no item non-response.

2.2.5. Unit non-response rate

Unweighted non-response rate is: 0%

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 units	Croatia	Croatia	0%

2.2.7. Processing error

The classification according to NKD classification is taken from the Statistical Business Register (SBR). Compatibility checks of types of production and listed NKD activities for enterprises included in the research scope are performed at the beginning of every two years. 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 revision (preliminary, final data) on the website of the Croatian Bureau of Statistics.

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 + 10

3.1.2. Time lag – final results

Time lag - final results is: T + 10

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, Inputs of Raw Materials in Industrial Production in 2023, Detailed Annual Results, Statistics in line. The data are available on the website of the Central Bureau of Statistics in electronic form.

4.1. News release

[Inputs of raw materials and consumables in industrial productions, 2023](#), Provisional Data

4.2. Online database

Results from this survey are currently not published in online databases. They are only published in regular publications.

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: Inputs of Raw Materials and Consumables in Industrial Production, 2023 First Results

5. Comparability over time

5.1. Asymmetry for mirror flows statistics

Not applicable.

5.2. Comparability - over time

Since 2008.

5.2.1. Length of comparable time series

Length of comparable time series is: 11

5.2.2. Reasons for break in time series

There is no break in time series

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, material codes and measurement units are already filled in.