



Annual report on industry (PRODCOM)

Reference metadata based on the Euro SDMX Metadata Structure (ESMS)

Republika Srpska Institute of Statistics

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1. Contact

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2. Metadata update

2.1.	Metadata last certified	25.11.2022.
2.2.	Metadata last posted	22.12.2022.
2.3.	Metadata last update	25.11.2022.

3. Statistical presentation

3.1. Data description

The Annual report on industry (IND-21) is a specific annual statistical activity focused exclusively on industrial products (PRODCOM).

The goal of this statistical activity is to collect annual data on industrial production and sale of industrial production for each individual product according to the Nomenclature of Industrial Products - NIP BiH/PRODCOM 2021, which is based on NIP BiH 2010 updated in accordance with the changes in the EU PRODCOM List for 2019 (Commission Regulation (EU) No. 2019/1933 of 06.11.2019).

3.2. Classification system

Current Nomenclature of industrial products NIP BiH/PRODCOM 2021, which is based on NIP BiH 2010, updated in accordance with the changes in the EU PRODCOM list

The Classification of Economic Activities of Bosnia and Herzegovina (KD BiH 2010), which in its content and structure fully complies with the EU Statistical Classification of Economic Activities NACE Rev. 2

3.3. Sector coverage

Sections of KD BiH: B - Mining and quarrying; C - Manufacturing and D - Electricity, gas, steam and air-conditioning supply; E – Water supply; sewerage, waste management and remediation activities (division 36 - Water collection, treatment and supply / data are taken over from the Annual survey on public water supply of Republika Srpska / and group 38.3 - Materials recovery).

3.4. Statistical concepts and definitions

Industrial production covers finished production in natural form, regardless whether the product is further manufactured in total or partially in the enterprise or it is provided as a commodity outside the enterprise. Unfinished production is not included in finished production until it reaches a certain phase in the production process. This phase is defined in the NIP BiH/PRODCOM 2021 as a specific product which has its given code and name.

Annual data on industrial production cover aggregated realised annual production, sale and value of sale for each particular product, based on codes from the NIP BiH/PRODCOM 2021. Value of sale is calculated on the basis of sale prices given in invoices, with prices including packaging costs and excluding transportation costs, discounts and value added tax (VAT).

3.5. Statistical unit

Units of observation for the Annual report industry are enterprises operating under state, cooperative, mixed and private ownership, classified according to the KD BiH 2010 into sections: B - Mining and quarrying; C - Manufacturing and D - Electricity, gas, steam and air-conditioning supply; E – Water supply; sewerage, waste management and remediation activities (division 36 - Water collection, treatment and supply / data are taken over from the Annual survey on public water supply of Republika Srpska / and group 38.3 - Materials recovery). Observation units are also units that are engaged with industrial production and are part of non-industrial enterprises. Only the production of units which carry out production at the territory of Republika Srpska is observed.

Units of observation are most often also reporting units.

3.6. Statistical population

Annual report on industry covers all active enterprises from the Statistical Business Register (SBR) that have industry as their primary or secondary activity, with 10 or more employed persons. In determining the coverage, the basic condition must be met: covering 90% of total production at the level of the class of economic activity.

3.7. Reference area

Republika Srpska

3.8. Time coverage

Since 2005

3.9. Base period

Not applicable

4. Unit of measure

Absolute values, convertible mark (KM)

5. Reference period

Calendar year 2021

6. Institutional mandate

6.1. Legal acts and other agreements

The Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03), the Statistical Programme of Republika Srpska for the period 2022-2025, the current annual Work Plan of the Republika Srpska Institute of Statistics (RSIS).

The calculation of the index is also based on EU regulations (Council Regulation (EEC) No. 3924/91, Commission Regulation (EU) No. 2019/1933).

6.2. Data sharing

Data on industrial production are submitted to the Agency for Statistics of Bosnia and Herzegovina, which is responsible for aggregating data for the level of BiH and reporting to the Statistical Office of the European Union (Eurostat).

7. Confidentiality

7.1. Confidentiality - policy

The confidentiality of data and protection of personal data are regulated by the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03) and the "Rulebook on protection of confidential data" of the Republika Srpska Institute of Statistics. The confidentiality of statistical data is also ensured by the Law on protection of personal data ("Official Gazette of BiH", No. 49/06, 76/11 and 89/11).

7.2 Confidentiality – data treatment

All collected data are treated as confidential and used exclusively for statistical purposes. The RSIS "Rulebook on protection of confidential data" states the principles of treating confidential data, procedures for ensuring confidentiality during data collection, processing and dissemination, as well as procedures for accessing microdata.

8. Release policy

8.1. Release calendar

Data on industrial production are published in accordance with the Release calendar. The preliminary results of the Annual report on industry for the previous year are published on 1 July of the current year in the annual release "Industrial production - PRODCOM". The final results are published on 1 October in the online database.

8.2. Release calendar access

http://www.rzs.rs.ba/publications/?left_mi=15&add=15

8.3. User access

Access to data and information is allowed to all users at the same time and in the same way.

9. Frequency of dissemination

Annual

10. Accessibility and clarity

10.1. Release

Annual data on industrial production for the level of Republika Srpska are published in the release ["Industrial production \(PRODCOM\), \(preliminary results\)"](#)

10.2. Publications

Final results of the Annual report on industry are published in the publications:

- [Thematic bulletin "Industry"](#);
- ["Statistical yearbook of Republika Srpska"](#);
- ["This is Republika Srpska"](#)

10.3. Online database

Final results of the Annual report on industry are published on 1 October in the [online database](#) available on the RSIS website.

10.4. Microdata access

Microdata are not available.

10.5. Other

Data are also disseminated on the website, in printed publications, as well as through answers to users' written requests, according to their specification.

10.6. Documentation on methodology

On the official RSIS website, basic [concepts and definitions](#) related to this survey are available as well as [the methodology](#) in the section related to the industry statistics. In addition, in a shorter form, metadata are also disseminated in printed and electronic publications – annual release Industrial production (PRODCOM), bulletin "Industry" and the Statistical yearbook.

10.7. Quality documentation

Quality reports are available on the RSIS website:

https://www.rzs.rs.ba/front/category/340/371/?left_mi=284&add=284

Other RSIS quality documentation is available at:

https://www.rzs.rs.ba/front/category/359/?left_mi=306&add=306

11. Quality management

11.1. Quality assurance

In order to ensure the quality of statistical data and to preserve public confidence in the data, RSIS applies provisions of the Law on Statistics of Republika Srpska (Article 17, paragraph 1) which prescribes the application of the principles of impartiality, reliability, transparency, timeliness, professional independence and statistical confidentiality in the organisation and production of statistics in Republika Srpska. The Republika Srpska Institute of Statistics follows the recommendations for the organisation and quality management set out in the [European Statistics Code of Practice \(CoP\)](#), and the total quality management is based on the implementation of the Common Assessment Framework.

11.2. Quality assessment

The final phase of the statistical activity is the total evaluation, which uses information from all the processes, from the design of survey instruments and data collection to the publication of data and feedback from users. This information is used to produce a quality report which outlines all the processes within the statistical activity and lists the advantages and disadvantages related to quality, as well as quality indicators.

12. Relevance

12.1. User needs

Key users of data are:

- Republika Srpska Government – Ministry of Energy and Mining, Ministry of Finance, Ministry of Economy and Entrepreneurship, Ministry of Agriculture, Forestry and Water Management;
- local self-government administrations;
- Agency for Statistics of BiH, Central Bank of BiH;
- business entities, Republika Srpska Chamber of Commerce;
- scientific, research and educational institutions, Economic Institute and other educational and research institutions, students;
- media: broadcasters, news agencies;
- general public, natural persons;
- internal users: statistics of national accounts, producer price indices of industrial products, economic accounts and prices for agriculture and structural business statistics;
- international users: IMF.

12.2. User satisfaction

The results of the most recent User Satisfaction Survey are available on the RSIS website, at https://www.rzs.rs.ba/front/category/359/?left_mi=306&add=306

12.3. Completeness

Annual report on industry is harmonised with international standards and regulations of the European Union (Council Regulation (EEC) No. 3924/91, as of 19 December 1991). NIP BiH/PRODCOM 2021, which was used to collect data for 2021, is fully harmonised with the EU PRODCOM List 2019 (Commission Regulation (EU) No. 2019/1933, as of 6 November 2019). All required statistics are provided, as the EU regulations for the annual statistics of industry are fully implemented.

13. Accuracy and reliability

13.1. Overall accuracy

Data accuracy is verified by applying the prescribed methodology, checking measurement errors and comparing the data with the data from the previous period, as well as by means of additional analyses.

13.2. Sampling error

Annual report on industry includes all active enterprises from the SBR, which have industry as their main or secondary activity, and have 10 or more employees. When determining the coverage, the basic condition must be met: coverage of 90% of total production at the level of the activity class.

Given that the coverage for collecting annual data on industrial production was obtained using the cut-off method, i.e. it is a targeted sample, the calculation of sampling errors according to the sampling error calculation methodology is not applicable.

13.3. Non-sampling error

The most common non-sampling errors mainly relate to over-coverage, measurement errors and non-response.

Coverage errors mainly refer to over-coverage due to inactivity of observation units or changes in their main (prevailing) activity. The over-coverage rate for the PRODCOM survey in 2021 was 4.9%.

The most common measurement errors occur due to improperly completed questionnaire or lack of records at reporting units in line with the product codes and units of measure prescribed by the NIP.

Reports that are not submitted by reporting units or are submitted with inadequate answers are treated as non-response. The unit non-response rate was 2.1% in 2021.

The data entry application has built-in logical and mathematical controls that prevent incorrect data entry.

14. Timeliness and punctuality

14.1. Timeliness

The timeliness of data publication is an interval between the reference period and the publication date. Preliminary results of the Annual report on industry for 2021 were published on 1 July 2022 in the form of an annual release (T+6 months). Final results for 2021 were published on 1 October 2022 in the online database (T+9 months).

14.2. Punctuality

Actual publication dates of the preliminary and final data of the Annual report on industry (PRODCOM) did not differ from the planned dates in the Release calendar.

Punctuality of publication of the results of PRODCOM survey for 2021 was 100%.

15. Coherence and comparability

15.1. Comparability - geographical

Available data from the Annual report on industry (IND-21) for 2021 are fully comparable with the data of members of the European Statistical System because the survey is carried out in accordance with the standards and regulations of the European Union (Council Regulation (EEC) No. 3924/91, as of 19 December 1991). NIP BiH/PRODCOM 2021 which was used to collect data for 2021, is fully harmonised with the PRODCOM List from 2019 (Commission Regulation (EU) No. 2019/1933 as of 6 November 2019).

15.2. Comparability - over time

Annual data on industrial production have been collected since 1996. A comparable series of annual data on industrial production has been available since 2005. Data for the period from 2010 to 2021 were collected according to KD BiH 2010, which in its content and structure fully complies with the EU Statistical Classification of Economic Activities NACE Rev. 2 and according to which the presentation of data for the period from 2005 to 2009 was adjusted.

15.3. Coherence - cross domain

Annual PRODCOM survey provides data on the volume of production, volume and value of sales of industrial production. There is no other survey to compare or match with.

15.4. Coherence - internal

Data are internally consistent.

16. Cost and burden

Annual reporting burden for the Annual report on industry in 2021 (in hours)

Number of data providers that filled in the questionnaire	1,208
Time required to fill in one questionnaire, average (hours)	0.8
Total time spent (hours)	976

Data on survey costs are not available.

17. Data revision

17.1. Data revision - policy

There is no general data revision policy. Users are informed on performed data revisions in the form of brief information, published in statistical releases and other publications.

17.2. Data revision - practice

No revision was planned or conducted.

18. Statistical processing

18.1. Source data

The source of data on industrial production are business entities which main (prevailing) activity according to KD BiH 2010 is classified into the following sections: B - Mining and quarrying; C - Manufacturing and D - Electricity, gas, steam and air-conditioning supply; E – Water supply; sewerage, waste management and remediation activities (division 36 - Water collection, treatment and supply / data are taken over from the Annual survey on public water supply of Republika Srpska / and group 38.3 - Materials recovery).

18.2. Frequency of data collection

Annual

18.3. Data collection

Data collection in this statistical activity is done in a traditional way (via questionnaires). The questionnaire "[Annual report on industry – IND-21](#)" was used, as well as the [manual](#) and the [NIP BiH/PRODCOM 2021](#).

Reporting units submit completed questionnaires to regional units of RSIS by 19 March for the previous year.

Reporting units have the option to download the questionnaire and the manual from the official website of RSIS.

18.4. Data validation

The first level of data validation is carried out by regional units of RSIS. A comparison was made with data from the Annual report for the previous year, as well as with data from the Monthly report for December 2021, for those observation units that were in the sample for the Monthly report on industry. Also, compliance of codes with NIP BiH/PRODCOM 2021 was checked. If major deficiencies were noticed, telephone or direct contact was established with the reporting unit and erroneous data were corrected with their help.

Additional control and data entry was performed at the headquarters of RSIS, i.e. at the Production Statistics Division. Data entry was done using the IST application. Errors were detected and prevented by computational and logic controls built into the application.

After entering the data, it was required to check the average prices at the product level in each enterprise in the observed year, by comparing them with the average prices from the previous year. Produced quantities were compared with the quantities from the previous year, while the value of sales was compared with the previous year and with the final statements of accounts for 2021.

18.5. Data compilation

All results were presented as absolute figures. Produced and sold quantities (in units of measure) and sales value (in KM) were summarised and presented at the product level, according to NIP BiH/PRODCOM 2021 and according to the type of production.

18.6. Adjustment

Seasonal adjustment is not made since this survey is conducted on an annual basis.

19. Comment