

Selected indicators for industrial enterprises

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2 Metadata update	
2.1 Date of last update	27.10.2021
3 Statistical presentation	
3.1 Data description	
<p>Selected indicators for enterprises provide information on the activities of industrial organizations. The variables collected in annually survey are for example:</p> <ul style="list-style-type: none">• Turnover• Average number of employees• Profit/loss before taxation• Value added• Total costs• etc.	
3.2 Classification system	
<p>Štatistická klasifikácia ekonomických činností (SK NACE Rev. 2) - Branch classification of economic activities – NACE rev.2. Klasifikácia štatistických územných jednotiek- Nomenclature of Territorial Units for Statistics– NUTS 2016. Štatistická klasifikácia produktov podľa činností - Classification of products by activity - CPA 2015.</p>	
3.3 Sector coverage	
<p>Enterprises with principal activity in Divisions 05 to 39 of SK NACE Rev. 2 and selected enterprises with a non-industrial principal activity. Enterprises with 20 and more employees registered in the business register. In addition enterprises in the business register with less than 20 employees that:</p> <ul style="list-style-type: none">- Are statistically important according to expert judgement;- Or have a turnover in excess of EUR 5 million	

3.4 Statistical concepts and definitions

Turnover reflects the demand side of production. It is used for analysis of market of goods and services.

The turnover indicator covers the sale of finished products, intermediary products and services, as well as the income from the resale of goods in the same condition as received. It excludes reductions and rebates. VAT and excise duty is not included. The particular items are based on the company accounting headings.

The methodological explanations are available in the Questionnaire link:

<https://slovak.statistics.sk/wps/portal/ext/metadata/surveys/>

3.5 Statistical unit

Enterprise and establishment are the observation units.

Enterprise is the reporting unit.

3.6 Statistical population

Enterprises with principal activity in Divisions 05 to 39 of SK NACE Rev. 2 and selected enterprises with a non-industrial principal activity.

Trade register

The Business register is the frame for identifying units for the population. The Business register is updated in daily frequency from: the business register, the trades register, the professional chambers, and from other ministries. The Business register is updated with information from the tax register, the social insurance company register and from statistical surveys.

3.7 Reference area

All regions of the Slovak Republic are covered by the survey. The reporting units are residents at the territory of the Slovak Republic and provide data on their domestic activities and activities outside, if the activities carried out are of a subject of the tax and other duties in relation to Slovak legislation.

3.8 Time coverage

Data have been available in the database of the Statistical Office of the Slovak Republic DATAcube since 2008.

3.9 Base period

Not relevant.

4 Unit of measure

Economic indicators are expressed in EUR.

Indicators about labour = number.

5 Reference period

Annually

6 Institutional mandate

6.1 Legal acts and other agreements

The reporting obligation to submit statistical questionnaires follows from Act no. 540/2001 Coll. on the state statistics as amended (Section 18(3)) and cannot be rejected (Section 18(8)). The Statistical Office of the Slovak Republic is responsible for protecting confidential data obtained and guarantees their use exclusively for statistical purposes.

The obligation to provide data is stated in the Statistical Law and its provisions (Programme of State Statistical Surveys), which is fixed for a 3-year period. Statistical survey ROČ1-01 is part of this Programme of State Statistical Surveys.

6.2 Data sharing

Statistical information from the surveys are a source of information for fulfilling the obligations of the Slovak Republic arising from the requirements of the European Statistical System, the requirements of international institutions and to ensure the needs of the information system of the Statistical Office of the Slovak Republic. Data is also used for estimation purposes in national accounts and data is also transmitted to OECD, UN, IMF, National Bank of Slovakia, Ministries, Government institutions.

7 Confidentiality

7.1 Confidentiality - policy

The Statistical Office of the Slovak Republic is responsible for protecting confidential data obtained and guarantees their use exclusively for statistical purposes. Confidentiality of statistical data is laid down in act No. 540/2001 Coll. On state Statistics, as amended, §29 and § 30.

The Confidentiality Directive contains general issues related to the confidentiality, while the methodological guideline is focused on concrete methods and parameter values used in the phase of confidentiality treatment of particular statistical surveys results and data files.

[Protection of confidential statistical data](#)

7.2 Confidentiality - data treatment

When ensuring the protection of confidential statistical data in tables with aggregated data, the Statistical Office of the Slovak Republic applies in all cases the rule of minimum frequency for $n = 3$ and the rule of dominant enterprises.

Values in sensitive cells are indicated by the symbol as well as on others values in other cells that are not sensitive and are chosen to replace as little as possible number of cells, while avoiding a sufficiently accurate calculation of the values of sensitive cells.

8 Release policy

8.1 Release calendar

First Release Calendar_ provides the precise release dates. It covers main economic and social indicators established currently within the EU regulations and IMF special standard, which define timeliness standards as well.

In the First Release Calendar compilation release dates defined by Eurostat are taken into consideration.

The _Catalogue of Publications_ is released every year. It contains information on particular publications, periodicity and dates of release.

8.2 Release calendar access

First Release Calendar_ is publicly accessible. It is disseminated on the office's website. Users are also informed about the availability of the release calendar in a notice published in the relevant activity's publication.

The data are released simultaneously to all interested parties by issuing _Information Reports_ which are posted on the website of the Statistical office of the Slovak Republic.

8.3 User access

The first release is performed in the form of an information report or a press conference. There is a standing rule, that all users have the right to be provided with information at the same time. Outputs (information reports) are released at the standard daily time (at 9.00 o'clock) at the Internet portal of the SOSR in accordance with Principles of Release and Provision of Statistical Information.

9 Frequency of dissemination

Annually.

10 Accessibility and clarity

10.1 News release

The data are published on an annual basis according to the first release calendar.

10.2 Publications

Data are presented annually in electronic and paper publications:

Results of annual surveys on industry of the Slovak republic, production and sales of selected goods i n 2020

Annual publications

Statistical Yearbook of the Slovak Republic for a particular year

[Statistical Yearbook of the SR](#)

Yearbook of Industry in the SR for a particular year

[Yearbook of Industry](#)

10.3 On-line database

Data are presented in _DATACUBE

10.4 Micro-data access

Micro-data are not disseminated.

10.5 Other

International Monetary Fund, OECD, United Nations, national administration, National Bank of Slovakia and other significant users define their on specific requests.

10.6 Documentation on methodology

Metadata for selected indicators are disseminated in SDDS structure. Dissemination of metadata for other indicators will be solved by implementation of Methodical directive for production of harmonised metadata being in preparation.

Metadata of statistical outputs are available independent from publication form in electronic format Metadata update is performed by persons responsible for the relevant topic following the methodology change.

The update of metadata disseminated in databases as well as of metadata on portal is conducted according to the annual time tables of updating; they are submitted to top management meeting for approval.

Each publication contains an introduction concerning methodological notes and contact for the information service. On the website of the SOSR there is available:

- Information on methodology is presented in SOSR portal in the section Metadata and publication Industry - Selected indicators and Industrial production index;
- Statistical questionnaires forms in national version including methodological notes;
- Methodological sheets (descriptions of statistical indicators in detail) in national version.

Methodology of industrial indicators

10.7 Quality documentation

Technical projects of statistical surveys and methodological directives Quality indicators of statistical outputs and processes (MET-2/2012) and Application of mathematical-statistical methods for statistical surveys (MET-3/2012) are available for statistical data production.

At present quality reports are elaborated if required by the European regulations in compliance with ESS Handbook fo Quality Reports (EQHQR).

The quality reports will be integrated into the new integrated stat. information system - ISIS (which is being implemented at present) and into the updated internal directives on value-adding processes. self-assessments of stat. surveys and methodological audits (in preparation), incl. analysis and reporting of the results are being integrated into the existing QMS system.

11 Quality management

11.1 Quality assurance

Quality policy is defined and made available to the public in documents:

Quality declaration and Quality policy. The SOSR high level statements highlight customer orientation and quality of the SOSR products and services; this is then reflected in the development strategy of the SOSR for the given period of time in: Vision, mission, common shared values.

Quality Manual is covering all elements of the ISO 9001.

There are defined internal directives related to the value adding processes supported by supporting managerial processes and by supporting resource processes.

European Statistics Code of Practice is the backbone of the whole QMS.

11.2 Quality assessment

At present the technical projects are elaborated for each statistical survey including all necessary issues related to data entry, data completeness and statistical controls. This process is organised by specialised regional offices of the Statistical Office of the Slovak Republic. The cross-checking is done in the context of the statistical control process. A comparison with the development in previous periods is done.

The quality reports are integrated into the new integrated stat. information system - ISIS into the updated internal directives on value-adding processes. selfassessments of stat. surveys and methodological audits (in preparation), incl. analysis and reporting of the results are being integrated into the existing QMS system.

Regarding the results of particular data production processes the overall quality of the indicators is considered to be as good.

12 Relevance

12.1 User needs

The requirement to consult users of statistical information is set out in the Act on State Statistics itself. Consultations in the preparation of state statistical censuses take place within the preparation of the Program of State Statistical Surveys. The program of state statistical census is generally binding legal regulation compiled by the Statistical Office of the Slovak Republic in cooperation with ministries, other central bodies and state organizations. It contains a statistical census organized and carried out by the Statistical Office of the Slovak Republic, ministries, other central bodies and state organizations. The Statistical Office of the Slovak Republic Issues state statistical surveys by a decree in the Collection of Laws of the Slovak Republic. The Statistical Council is a permanent advisory body to the President of the SOSR, whose task is to prepare and submit proposals and recommendations for the concepts of statistical censuses, to consult the Program of State Statistical Surveys. In practice, consultations with users take place on a bilateral basis to obtain information on user requirements and expectations.

12.2 User satisfaction

Since 2009 the Statistical Office of the Slovak Republic has been conducting customer satisfaction censuses with its products and services at two-year intervals. The censuses aim to determine customer satisfaction with the products and services of the Statistical Office of the Slovak Republic to obtain information about users, their interests and opinion on the provision and quality of statistical products and services. The obtained facts are a valuable source for directing other activities of the SOSR.

Satisfaction census

One of the main goals set out in the Development Strategy of the Statistical Office of the Slovak Republic until 2022 is to systematically increase the institution's value and its recognition at the national and international level. The fulfillment of the set goal is also monitored by the Statistical Office of SR using indicators of the credibility of the Statistical Office of the Slovak Republic and the degree of use of the information provided by the public. The Statistical Office of the Slovak Republic conducts credibility censuses through an external independent organization once every 2 years, intending to ensure objectivity and transparent results from the public's point of view.

[Credibility census](#)

12.3 Completeness

All SBS indicators for en Requirements are fulfilled.
Annual time series of selected indicators for industrial enterprises are available in the database DATAcube since 2008.
[DATAcube](#)

13 Accuracy and reliability

13.1 Overall accuracy

The Statistical Office of the Slovak Republic undertakes measures to prevent errors in the data and implements them thorough verification of data to detect any potential errors.

13.2 Sampling error

13.3 Non-sampling error

Technical project which contains a description of all logical data checks at the microdata level performed during electronic data collection is part of the Integrated Statistical Information System (ISIS). The electronic questionnaire itself and the ISIS provide many arithmetic and logical checks in between variables that we distinguish between serious and informative. In case of serious errors in the questionnaire this is not accepted and on the basis of consultation at the regional offices with reporting units and ensure its accuracy so that it can enter into processing. There are incorporated validation checks of an automatic nature during collection and informative checks to capture also logical checks and links, reduce the rate of partial non-responses and anomalies. The purpose of these measures is to minimize errors already in the collection itself and subsequently during data processing.
Imputation of the data provide for example for monthly survey from previous 3 months or by selection of the donor.

14 Timeliness and punctuality

14.1 Timeliness

For the indicators from survey ROC PRIEM 1-01 are no differences in timeliness between the different aggregation levels (Total, MIGs, special aggregates, NACE Sections, Divisions, Groups or Classes, if relevant).
Data are released approximately T + 8 months after reference year.
In the database DATAcube were data publishe for the year 2020 since July 30, 2021
In the publication Annual Survey Results in Industry in the SR, Production and Sale of Selected Products were data publis in August 2021.
Response rate is the same at the time data are provided to Eurostat and also at the time data are first published nationally.

14.2 Punctuality

All deadlines have been respected.

15 Coherence and comparability

15.1 Comparability - geographical

Indicators in the survey [ROČ PRIEM 1-01](#) are calculated for all territory of Slovak Republic and also for the region of the SR.

15.2 Comparability - over time

The data is comparable over time.

15.3 Coherence - cross domain

The following data comparison analysis is done:

1. Comparison with aggregated quarterly data surveyed for the purposes of national accounts
2. Comparison with STS data
3. A regular meeting of the SBS experts with the national accounts experts is organised;

The analysis shows very good compliance level in case of parts of population surveyed exhaustively.

15.4 Coherence - internal

No deviations are recorded.

16 Cost and burden

The cost and burden at the level of the European Statistical Product is within the competence of monitoring the Eurostat Directorate for Resources.

17 Data revision

17.1 Data revision - policy

The revision policy regulates the basic rules and general procedures applied in the SOSR, through whose preliminary data are later revised.

The same revision policy is applied to national and international users. According to Revision Policy of the SO SR the revised data are accompanied by all necessary explanations (reasons, character, etc.), they are accessible via the SOSR Portal.

The Revision Policy and Calendar of Revisions of the SOSR as well as all necessary explanations are accessible via the SOSR Portal.

The Revision Policy of the SO SR

We distinguish:

Routine revisions – regular revisions of data not influenced by change of methodology. In general, the monthly/quarterly data is considered to be preliminary.

Routine revisions of data may be necessary due to data available from quarterly enterprise surveys, new data received from reporting units, correction of price indices or corrected data from reporting units. The revised data for the last 3 months of the quarter are published together with the preliminary results of the following month/quarter. The publication of the revised data is done periodically in line with Calendar of revisions

Extra-ordinary revisions – not scheduled in the Calendar of revisions. Extra-ordinary revisions include revisions of definitive data due to changes of methodology, changes of classifications, change of base year, changes of mathematical/statistical methods of data calculation. Those revisions may result in a break in time series of data. The users are informed via Press releases in advance.

At present, numeric information on the size of revisions of data is not available.

The policy on vintage database is laid down in the Revision Policy of SO SR. Practical implementation of the policy is being prepared in the statistical information system.

Vintage database of raw data exists in source database and is not publicly accessible. Data and documents regarding the revision is kept. General information about revision and methodological explanation is published, if relevant.

Coherence of the revision policy is respected for the data released nationally and disseminated to Eurostat.

17.2 Data revision - practice

Revisions of data from survey [ROČ PRIEM 1-01](#) are realized in case of irregular revisions only if there is an important difference with previous surveyed data.

18 Statistical processing

18.1 Source data

Annually survey [ROČ PRIEM 1-01](#):

Exhaustive survey of enterprises with 20 and more employees registered in the business register. In addition enterprises in the business register with less than 20 employees that:

- Are statistically important (the decision about including them into survey of big enterprises was done by experts of particular activities, for example responsible for industry data);
- Or have a turnover in excess of EUR 5 million.

In addition enterprises with less than 20 employees are selected, which are statistically important according to expert judgement.

Trade register

Register of organizations kept by the SOSR according to the Act no. 540/2001 Coll. on state statistics as amended, is a source of information on entities populations surveyed.

18.2 Frequency of data collection

Annual data collection.

18.3 Data collection

Data collection is organized by specialised regional office of the SO SR in Banska Bystrica.

The electronic data collection of data is compulsory since the 1st January 2016 in line with the obligation laid down in the Slovak National Council law No 326/2014 (Digest) amending the Slovak National Council law No 540/2001 on the state statistics.

Formal and logical checks are realised in the process of data entry automatically; (compatible with Validation level 0 and 1), informal checks aim of which is to control the complexity and relations among the variables ((compatible with Validation level from 2 to 5). Most of the errors are directly consulted with the reporting units by our regional offices.

Data should be submitted on the April 30th calendar day after reference year. The non-responding units are informed about their reporting duty and contacted by regional offices again. There are no problems with reporting discipline in the case of big enterprises, nevertheless the situation in this area shows the decreased tendency in the last years. Response rate was 95,8 %.

The basic step in the process of unit non-response calculation is the analysis of population with regard to the status of activity of reporting units. For this purpose we use the classification of special response and non-response cases. The particular codes describing active and non-active units are allocated to every reporting unit. Afterwards we define eligible units: they are all active responding and non-responding units. In some cases it is not possible to obtain any information about the unit. In this case we suppose there is the same share of active and non-active units as in the known population. The part corresponding to active units we consider to be non-responding units.

18.4 Data validation

The data entry, data completeness and statistical control are organised by specialised regional offices of the SO SR.

It has been distinguished between two levels of checking:

18.5 Data compilation

Annual survey Roč 1-01 is an census survey.

For the compilation of the variable there are two types of estimates made.

Imputation of the data provide from previous year or by selection of the donor.

18.6 Adjustment

Not relevant.

19 Comment