

# Selected indicators of structural business statistics

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2 Metadata update	
<b>2.1 Date of last update</b>	02.06.2020
3 Statistical presentation	
3.1 Data description	
<p>Structural business statistics (SBS) describes the development and structure of economic activities. SBS covers all activities of the non-financial business economy with the exception of agricultural activities .</p> <p>Main variables of the SBS are:</p> <ul style="list-style-type: none"> <li>-Output related variables (e.g. Turnover, Value added, Production)</li> <li>-Input related variables: <ul style="list-style-type: none"> <li>labour input (e.g. Employment, Hours worked)</li> <li>goods and services inputs (e.g. Total of purchases)</li> <li>capital inputs (e.g. Material investments)</li> </ul> </li> </ul>	
3.2 Classification system	
Statistical Classification of Economic Activities in the European Community NACE Rev.2	
3.3 Sector coverage	
The SBS covers the Sections B to N and Division S95 of SK NACE Rev.2 since the reference year 2008.	
3.4 Statistical concepts and definitions	
The SBS variables are defined in Annex I of the Commission Regulation (EC) No 250/2009 of 11 March 2009 implementing Regulation (EC) No 295/2008 of the European Parliament and of the Council as regards the definitions of characteristics, the technical format for the transmission of	

data, the doublereporting requirements for NACE Rev.1.1 and NACE Rev.2 and derogations to be granted for structural business statistics ( [CR 250/2009](#) )

### 3.5 Statistical unit

The enterprise is the reporting and statistical unit. In Slovak Republic the enterprise nearly always equals to one legal or physical unit in line with the practices mentioned in explanatory note mentioned in [CR 696/93](#) .

### 3.6 Statistical population

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

### 3.7 Reference area

All regions of the Slovak Republic are covered by the survey.

### 3.8 Time coverage

SBS data in the [Datacube](#) database are available since the reference year 2008.

### 3.9 Base period

Data are presented as absolute values.

## 4 Unit of measure

SBS data are presented in absolute values and in thousands of euros.

## 5 Reference period

Data refers to the calendar year, which mostly corresponds to the fiscal year.

## 6 Institutional mandate

### 6.1 Legal acts and other agreements

The European Parliament and Council Regulation No 295/2008 was adopted on 14/02/2008 and the provisions of this Regulation are applicable from the reference year 2008 ( [regulation 295/2008](#) ). Regulation No 295/2008 has been amended by Commission Regulation (EU) [No 446/2014](#) .

### 6.2 Data sharing

Statistical information from the SBS survey is a source of information for fulfilling the SO SR obligations arising from the requirements of the European Statistical System, the requirements of international institutions and in order to ensure the needs of the information system of the Statistical Office of the Slovak Republic. SBS data are provided on a regular basis to international and national organizations, namely the OECD, state administration bodies, professional and trade unions.

## 7 Confidentiality

### 7.1 Confidentiality - policy

Confidentiality of statistical data is laid down in act No. 540/2001 Coll. On state Statistics, as amended, § 30. Instructions and guidelines are provided in internal directive SME – 1/2015 - Directive on confidentiality data protection complemented by Methodological guideline MET-4-2019. 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.

### 7.2 Confidentiality - data treatment

The primary and secondary confidentiality data treatment is applied. Confidential data are defined as follows:

- less than 3 enterprises in the aggregate
- dominance of one enterprise in the aggregate is more than 90%

## 8 Release policy

### 8.1 Release calendar

SBS data are released in the database [Datacube](#) .

### 8.2 Release calendar access

### 8.3 User access

Internet portal and online database of the SO SR are updated in accordance with Principles of Release Policy and Provision of Statistical Information.

## 9 Frequency of dissemination

Annual

## 10 Accessibility and clarity

### 10.1 News release

### 10.2 Publications

### 10.3 On-line database

SBS data are released in the database [Datacube](#) .

### 10.4 Micro-data access

Users are provided with aggregated data, micro-data are not disseminated.

### 10.5 Other

National Bank of Slovakia and other users define their specific requests.

## 10.6 Documentation on methodology

On the website of the SOSR there is available:

- Information on methodology is presented in SOSR portal in the section Metadata of particular statistical branches
- Statistical questionnaires forms in national version including methodological notes ( [industry](#) , [construction](#) , [transport and postal services](#) , [tourism](#) , [trade and food services](#) , [information and communication](#) , [selected market services](#) );
- [Methodological sheets](#) (descriptions of statistical indicators in detail) in national version

## 10.7 Quality documentation

Technical projects of statistical surveys incorporated in the Integrated statistical information system called ISIS and methodological directives on 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.

The quality reports presented on website, updated internal directives on value-adding processes, selfassessments of statistical surveys and methodological audits incl. analysis and reporting of the results are being integrated into the existing QMS system.

At present, the quality reports for selected indicators are updated on an annual basis in accordance with the ESS Handbook for Quality Reports (EQHQR) based on the requirements of Eurostat in accordance with the relevant legislation.

Methodological quality reports are an integral part of the ISIS and updated in accordance with internal guidelines.

# 11 Quality management

## 11.1 Quality assurance

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

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

[Quality policy of the Statistical Office of the Slovak Republic](#)

[Quality Declaration of SO SR](#)

[Quality objectives of the Statistical Office of the Slovak Republic](#)

Quality Manual is covering all elements of the ISO 9001:2015 standard.

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 response rate is measured continuously during data collection. The Statistical Office of the Slovak Republic also performs internal methodological audits.

## 12 Relevance

### 12.1 User needs

Consultations with users are required by statistical act stressing the cooperation with other organisations (ministries and other state organisations) during preparation of the Programme of State Statistical Surveys.

An advisory body the Statistical Council consists of members representing main users (representatives of ministries, state organisation and public institutions).

The Council is the permanent expert advisory body for the President of the SO SR in the field of state statistics. The task of the Council is to draft /submit proposals and recommendations regarding state statistics concepts, to discuss the Programme of the state statistical surveys and other tasks according to the Status on the Statistical Council.

In practice the consultations with users run on bilateral bases as well as within activities covered by the action programme Activities focussing on learning about expectation of key users and on supporting better interpretation and better use of statistical products.

Key users of particular statistics products are listed in Marketing plan:

International organizations - Eurostat, OECD, United Nations

National institutions - Federation of Employers' Associations of the Slovak Republic, Ministry of Economy of the Slovak Republic and National Bank of Slovakia etc.

### 12.2 User satisfaction

The Statistical Office of the Slovak Republic has been conducting customer satisfaction surveys with its products and services at two-year intervals since 2009. The aim of the surveys is to determine customer satisfaction with the products and services of the Statistical Office of the Slovak Republic and to obtain information about users, their interest and opinion on the provision and quality of statistical products and services. The obtained facts are a valuable source of information regarding SO SR activities. 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 value

of the institution and its recognition at the national and international level. The Statistical Office of the Slovak Republic conducts credibility surveys through an external independent organization once every 2 years, with the intention of ensuring objectivity and unquestionable results from the public's point of view.

[Credibility survey](#)

[Satisfaction survey](#)

### 12.3 Completeness

All required basic SBS data are released.

## 13 Accuracy and reliability

### 13.1 Overall accuracy

In general, the overall accuracy is considered very good.

### 13.2 Sampling error

All required standard quality indicator are calculated.

### 13.3 Non-sampling error

The technical project of data processing is an integral part of ISIS. This project contains a description of all logical data checks at the microdata level performed during electronic data collection in ISIS.

The electronic questionnaire and the ISIS information system provide many arithmetic and logical checks between the variables, which are distinguished between important checks and informative checks. In the case of important errors in the electronic questionnaire, the form is not accepted and with the help of experts from the regional offices corrected, its accuracy is achieved so that it enters the processing. Validation checks of an automatic procedure during the collection and informative checks are included in order to ensure logical checks and links, reduce the rate of partial non-responses, anomalies and outliers. The purpose of these tools is to minimize errors in the collection itself and subsequently during data processing.

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.

## **14 Timeliness and punctuality**

### **14.1 Timeliness**

Data collection is organized by specialised regional offices of the SO SR. After the deadline the non-responding units are contacted about their reporting duty again.

### **14.2 Punctuality**

All deadlines have been respected

## **15 Coherence and comparability**

### **15.1 Comparability - geographical**

SBS indicators are compiled for the whole territory of the Slovak Republic.

### **15.2 Comparability - over time**

SBS are comparable for the period 2010-2017 when the data on small entrepreneurs were incorporated into the SBS data.

### **15.3 Coherence - cross domain**

Cross domain coherence is ensured.

### **15.4 Coherence - internal**

There are no problems with internal consistency

## **16 Cost and burden**



The cost estimation of the European statistical products (ESP) on the ESS level is in mandate of the Resource Directors Group.

## 17 Data revision

### 17.1 Data revision - policy

Revisions are in conformity with standards, time-tested and transparent. They are described in decision ROZ-3/2018 Revision Policy of the SOSR.

The same revision policy is applied to STS data released nationally and transmitted to Eurostat. 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 SO SR Portal.

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

[The Revision Policy of the SO SR](#)  
[Calendar of Revisions](#)

### 17.2 Data revision - practice

The primary source of routine revisions is the need of data revisions due to new data received from reporting units or corrected data from reporting units.

## 18 Statistical processing

### 18.1 Source data

Combination of exhaustive survey and sample survey combined with administrative information

Exhaustive survey of large enterprises - Questionnaire Roc 1-01

1/ the legal units with 20 and more employees registered in the Business register;

2/ the legal units with less than 20 employees registered in the Business register:

a) which were statistically important (the decision about including them into survey of big enterprises was done by expert of particular branch statistics, e.g. responsible for branch statistics etc.);

b) or of which turnover exceeds 5 million €

Survey of small enterprises (sample) - Questionnaire Roc 2-01

1/ the legal units with less than 20 employees registered in the Business register the turnover of which does not exceed 5 million €

In case of small enterprises the process of grossing up is based on the administrative sources used - tax forms: profit loss account, balance sheet

Data on small entrepreneurs (physical persons) are included in SBS data files starting with the data transmission of preliminary 2010 SBS data files. We use the basic information on structures and relations of particular variables from small sample survey for small entrepreneurs to make estimations of missing data in administrative source for this population.

## 18.2 Frequency of data collection

Annual data collection

## 18.3 Data collection

Data collection is organised by the regional offices of the SO SR in Bratislava, Banska Bystrica, Zilina, Presov and Kosice.

The electronic data collection of annual 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.

## 18.4 Data validation

The data completeness and statistical controls are organised by SO SR in cooperation with the specialised regional offices of the SO SR.

It has been distinguished between two levels of checking:

-formal checks, which 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)

According to the importance there are classified 2 basic types of informal checks:

I – informative check- this check gives the additional information, which is important for the following process of corrections. It informs also about some inconsistencies in the state of fulfilment of the questionnaire, about item non-response, exceeding stated limits etc.

Z – check of great importance - it is mostly check indicating the exact error and it must be always corrected or explained.

Most of the errors are directly consulted with the reporting units by our regional offices.

## 18.5 Data compilation

After data collection, the micro-data are checked and confirmed. SO SR publish aggregated data reported by the reporting units compiled in line with the CR 295/2008.

## 18.6 Adjustment

<b>19 Comment</b>