



~ Methodology ~

QUARTERLY REPORT ON CONSTRUCTION (GRAD-21)

LEGAL BASIS

The survey is carried out pursuant to the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03) and the Statistical Programme of Republika Srpska for the period 2018-2021.

METHODOLOGICAL BASIS

AIM AND CONTENT

The aim of this survey is to provide quarterly data necessary for the calculation of indices of production in construction.

OBSERVATION UNITS/REPORTING UNITS

Data are submitted by business entities whose main activity, according to the Classification of Economic Activities KD BiH 2010, based on the EU Statistical Classification of Economic Activities NACE Rev.2, is classified into the section G-Construction, as well as by construction units in composition of non-construction business entities.

COVERAGE

This statistical survey covers all business entities whose annual value of performed works exceeds 500,000 KM.

METHOD AND PERIOD OF DATA COLLECTION

Data are collected quarterly, using the reporting method.

PROTECTION OF CONFIDENTIAL DATA

Only aggregate data for the level of Republika Srpska are published. Confidential data are protected pursuant to Articles 25 and 27 of the Law on Statistics of Republika Srpska ("Official Gazette of Republika Srpska", No. 85/03) and in accordance with the Rules of protection of confidential data.

DEFINITIONS OF MAIN CHARACTERISTICS – INDICATORS

Index of production in construction is one of main short-term business indicators and it is compiled for buildings and civil engineering.

Gross indices are indices from which seasonal and working-day effects in the current quarter were not eliminated.

Seasonally adjusted indices are indices from which seasonal and working-day effects in the current quarter were eliminated.

Working-day adjusted indices are indices from which working-day effects in the current quarter were eliminated.

CALCULATION METHOD

Indices of production in construction are based on the performed effective hours worked on construction sites.

Weights used for the calculation of indices of production in construction are based on the value of performed construction works.

Seasonal adjustment of gross indices has been performed using the TRAMO-SEATS method on the quarterly index series ($\emptyset 2015=100$), which begins with the index for the first quarter of 2005. Starting from the second quarter of 2018, seasonal adjustments of gross indices has been performed using the software JDEMETRA+

Due to the characteristics of the applied method of seasonal adjustment, the extension of a series of indices by adding indices for each following quarter may cause subsequent corrections of published and seasonally adjusted indices and trends.

In accordance with the EUROSTAT's recommendations for the presentation of short-term indicators, data which are compared with data from the previous quarter (so-called quarterly comparison) are presented in the seasonally adjusted form of indices of production in construction or as change rates calculated using them. Also, data which are compared with data from the same quarter of the previous year (so-called annual comparison) are presented in the working-day adjusted form of indices of production in construction or as change rates calculated using them.

COMPLIANCE WITH INTERNATIONAL RECOMMENDATIONS AND STANDARDS

Methodology applied for the calculation of indices of production in construction is based on the EU recommendations referring to short-term statistics (Council Regulation (EC) No. 1165/98), definitions of variables, list of variables and frequency of data collection (Commission Regulation (EC) No. 1503/2006).

IMPLEMENTATION ORGANISATION

AUTHORITIES IMPLEMENTING THE STATISTICAL SURVEY

The authorised producer of data is the Republika Srpska Institute of Statistics.

Collection of data is carried out in the regional offices of the Republika Srpska Institute of Statistics, while entry and processing of data are the responsibility of the Division for Production Statistics of the Institute.

OBLIGATION TO PROVIDE DATA

Reporting units are obliged to submit data to the Republika Srpska Institute of Statistics pursuant to the Law on Statistics of Republika Srpska.

IMPLEMENTATION FREQUENCY

Reporting units are obliged to submit data to the relevant regional office of the Republika Srpska Institute of Statistics within 10 days after the end of the quarter.

INSTRUMENTS

QUESTIONNAIRE

The questionnaire “Quarterly report on construction – T KPS GRAĐ-1” is used to carry out this survey, alongside the instructions for completing the questionnaire.

PUBLISHING

Data are published quarterly, 32 days after the end of the reference quarter, in the quarterly release Indices of production in construction and in the publication Monthly statistical review.

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Last updated:

06th August 2018