

QUARTERLY SURVEY ON CONSTRUCTION

LEGAL BASIS

The survey is conducted on the basis of the Law on Official Statistics („Official Gazette of RS“, No. 104/2009) and Program of official statistics in the period from 2016 to 2020 („Official Gazette of RS“, No. 55/15).

METHODOLOGICAL BASIS

Aim of the statistical survey

Aim of quarterly survey on construction is to collect data on construction activity of enterprises in order to realize the dynamics of works by quarters.

Reporting units and statistical units

Reporting units are legal units with principal activity classified in NACE Rev.2 sections F (Construction), either as the main contractors or subcontractors. Included are also selected business entities whose main activity is not in section F, but that have significant turnover in this section (as secondary activity). Quarterly survey on construction does not cover all enterprises. The statistical units are the enterprises and kind of activity units (KAU).

Contents of the statistical survey

Collected are the data on value of contracted and realized works in the country and abroad, data on average number of workers on construction sites and hours worked in the reporting quarter, as well as data on number and area of completed and non-completed dwellings.

Method, time and sources for data collecting

Data are collected quarterly in questionnaire GRADJ-31.

Obligation to protect individual data

Obligation of individual data protection is based on article 3 of the Provision on protection of data suppliers/ providers, articles 44, 45, 46, 47, 48 and 49 of the Provision on confidentiality of the Law on Official Statistics („Official Gazette of RS“, No 104/2009).

List and definitions of main items- indicators

Value of construction works performed during the reference quarter is the value of construction works done on construction site in the reference period by firm's employed staff (workers engaged at construction sites). It excludes value of works performed by subcontractors, value of land purchase, architects' or consultants fees and VAT. Value of construction works covers value of works, built-in materials and finished products for embedding, purchased by the reporting units, as well as all other costs referring to the works abroad, and also the reporting unit's profit.

Value of contracted works covers total value of the contracts, signed with purchasers, in the reference quarter. It is considered that the contract was created on the day of signing. Building for the own purposes of the company that performs works is also included, as well as other contracted works related to new construction, reconstruction, repair and maintenance of the existing buildings

Regarding *new contracts* in the reference quarter expressed are only data referring to new contracts, including the already started building for the own purposes, as it was previously defined, regardless of the deadline for finishing works, or whether the works will be performed only during the reporting year or even later.

Canceled contracts in the reporting quarter show all contracts canceled either by the investor or contractor of works, regardless whether the works were contracted in the reporting year or before.

Average number of workers on the construction sites includes all workers on the construction sites, disregarding their qualifications, type of employment (employment contract, purchase order, or any other sort of either written or oral agreement, hired workers, etc.) and time spent working on construction sites. Excluded are workers who did not work on construction site in the reference quarter due to any of the following reasons (e. g. holiday, sickness leave, occasional lack of work or material, etc.), although they are fully employed workers of the reporting unit. Average number of workers abroad in the reference

period is average number of workers from Serbia, engaged by the reporting unit, for performing works on construction sites abroad.

Hours worked on construction sites are hours that represent number of hours actually worked on construction sites in the country during the reference quarter. Hours worked on construction sites abroad represent total number of hours actually worked on construction sites abroad by workers from Serbia who directly performed construction works in the reference period.

Value of performed works referring to buildings comprises residential and non-residential buildings, i.e. all buildings from section 1 of the Classification of Types of Constructions. Buildings are further classified by purpose. Buildings that, besides dwellings, also have rooms for other purposes (selling or storage spaces, office premises, etc.) and in which dwellings take at least 50 % of the total area are classified as residential buildings.

Value of works performed on civil engineering comprises works on constructions related to transport infrastructure, pipelines, communication and electric power lines, complex industrial constructions and other nowhere else classified objects, meaning all constructions that are not buildings (section 2 of the Classification of Types of Constructions).

Dwelling is any construction unit intended for habitation, consisting of one or more rooms with functional areas for ancillary use (kitchen, bathroom, lobby, pantry, toilet, etc.) or without functional areas for ancillary use and with one or more separate entries, directly from the hall, staircase, from the garden or street.

Dwelling area (m²) is useful floor area measured inside the walls and presents the sum of floor area of all rooms, kitchen, bathroom, toilet and other areas for ancillary use in the dwelling, excluding basement, cellar that are not arranged as dwelling or its part, garage spaces, pantry, areas occupied by heating and air-conditioning installations, or by power generators, etc, as well as staircase and other common rooms used by the owners of the residential units in the buildings with more dwellings

Completed dwelling is taken to be only a dwelling in which all intended construction, installation and final works are completed.

Non - completed dwellings at the end of the reporting quarter are all dwellings belonging to construction that was started, but has not been finished yet, as well as dwellings belonging to construction that was not even started, although it is placed in the already started buildings.

Level of data representativeness (*territorial and CA*)

Data are available for the territory of the Republic of Serbia.

Starting from 1999 the Statistical Office of the Republic of Serbia has not at disposal and may not provide available certain data relative to AP Kosovo and Metohia and therefore these data are not included in the coverage for the Republic of Serbia (total);

Harmonization with international recommendations, standards and practice

In accordance with the EU regulation („Methodology of short-term business indicators“, chapter 11: Construction Indicators, 1165/98), significant changes in quarterly construction report were introduced in 2003 and 2004. However, the essence of methodological bases has been saved, as well as comparability of almost all statistical data.

Quarterly short-term indicators are: index of construction production – total, for buildings and for civil engineering, and index of new contracts. Indices are not seasonally adjusted and are expressed at current and constant prices.

Division into buildings and civil engineering has been done according to Classification of Types of Constructions that has been used since 2004. This classification is in compliance with the EU Classification (*Classification of Types of Construction – CC*, final version, Eurostat).

DESCRIPTION OF THE SURVEY MANAGEMENT

Bodies in charge of the survey management (*responsible producer of official statistics*)

The Statistical Office of the Republic of Serbia, Statistical Section of AP Vojvodina and regional departments of the Office, as well as the Institute for Informatics and Statistics of the city of Belgrade and perpetrators of the survey, i.e. responsible persons in the reporting units are in charge of preparation and implementation of the survey.

Obligation to provide data

The obligation to provide data is laid down in Article 26 of the penalty provision relative to the refusal of providing data or providing incomplete and false data according to Article 52 of the Law on Official Statistics (“Official Gazette of RS”, No 104/2009).

Timetable of the main phases of the survey (including data publishing)

The reporting units are due to deliver the completed questionnaire GRA-31 to the relevant statistical authority not later than 20th in a month (20 days after the end of a quarter).

- Regional departments and the Institute for Informatics and Statistics of the city of Belgrade are to send the inputted and examined reports to SORS not later than 25th in a month (25 days after the end of a quarter).
- Statistical release has to be designed not later than 45 days after the end of the quarter.

SURVEY TOOLS

Questionnaire

Questionnaire GRADJ-31 is used for conducting the quarterly survey on construction.

Instructions for filling the questionnaire

Questionnaire GRAĐ-31 is filled by physical persons and legal entities that perform construction activity, regardless of whether they are the main contractors or subcontractors. In case of stopped construction activity, the data are provided for the period of the beginning of a year until the moment of stop. If a break lasts for longer than a quarter, it is necessary to state the date of stop in the notes.

Data are expressed by territories where the works are performed in the country and abroad (in case the reporting unit performs works outside the territory of Serbia). The construction works performed abroad are presented as total for all countries.

Data in table 1 are, excluding data on number of workers, shown for the reporting quarter and the data presenting the sum for all territories are also presented as cumulative, from the beginning of a year to the end of the reporting quarter.

All data in table 2 are to be presented for the period from the beginning of a year until the end of the reporting quarter. This table is divided in two parts: the first one contains the data on value of the performed works by types of constructions, while the other one includes the data on dwellings.

The part *data on dwellings* is compulsory for all reporting units that constructed dwellings on the territory of the Republic of Serbia during the referent quarter. In order to avoid data duplication, dwellings are to be presented only by main contractors that signed the contract with the investor (or they build constructions for their own needs, market purposes, etc.). Number of completed dwellings is expressed as cumulative, i.e. from the beginning of a year to the end of the reporting quarter.

List of nomenclatures and classifications used in the survey (with the information where to obtain them)

- Classification of activities CA (2010)
- For classifying constructions, applied is the Classification of Types of Constructions, in which constructions are classified in details, and which has been published in the edition Methodologies and standards, book no. 15, SORS, 2005.
- Nomenclature of statistical territorial units

Classifications are available on the website of the Statistical Office of the Republic of Serbia (www.stat.gov.rs).

List of publications in which the survey results and the relevant methodology can be found (in printed form and/or in scope of Internet presentation)

Processing results of the quarterly survey on construction are published in Statistical Release GR-11, Monthly Statistical Bulletin, as well as on the website of the Statistical Office of the Republic of Serbia.

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