

ANNUAL SURVEY ON CONSTRUCTION WORKS

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

Data collected in this survey enable monitoring of construction production volume, presenting size and realizing structure of investments on construction according to Classification of Types of Construction, monitoring of structural changes in construction activity, analysis of changes in the construction system, analysis of influence of number of floors in the building and construction system on building value and preparing measures for directing construction, activity trend, etc.

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). Data on works regarding organization of individual owners are taken over from the data on building permits. The statistical units are the enterprises and kind of activity units (KAU).

Contents of the statistical survey

Annual survey on construction works is to provide results of construction activity by types of constructions, location of constructions and construction phases. Therefore, collected are the data on value of performed works in the appropriate units of measure, including structural and technical characteristics; such data are provided by all constructors and relate to all constructions carried out in the reporting year.

Data collected in this survey present result of construction enterprises work and private persons on the territory of the Republic of Serbia, excluding construction works abroad. Works performed are presented by the territories on which the constructions are located and not by territories of constructors' headquarters.

Referring to legal entities from the section of construction, since 2003, collected are data on average number of workers, number of hours worked, etc.

Method, time and sources for data collecting

Data are collected annually. Questionnaires GRADJ-11 and GRADJ-12 are used, while data on works performed in individual owners' organization are taken over from the data on building permits.

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

Construction refers to performing of construction and construction and craft works, works on installations, facilities and equipment.

Constructions comprise constructions connected with the ground (any underground, over ground, as well as hydro technical structures – water works), for which construction works are performed, which are made of built-in materials and finished products for embedding. Land works, related to preparation of the surface, sowing or seeding are agriculture-related activities and are not included in construction works.

Buildings refer to permanent constructions containing roof and outer walls, constructed as separate occupational units that provide protection from weather and other outside effects, with the purpose of living, performing some activities or keeping animals, goods and equipment needed for versatile production or service activities, etc.

Residential buildings encompass constructions in which at least 50% of total useful floor area is intended for residential purposes.

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.

Civil engineering works relate to all constructions that are not buildings: railways, roads, bridges, highways, airport runways, pools, etc.

Completed building is taken to be every building in which all intended construction, craft and installation works are completed, so that it can be used for the intended purposes.

Value of construction works is presented at current prices and includes all construction materials and spent hours of work, regardless whether the material and work were paid or not. Data on value of performed works relate to works carried out in the reporting year on completed and non-completed constructions, no matter whether the works related to new construction or extension, reconstruction, adaptation, modernization, huge repairs or regular maintenance. Value of works performed by contractors – legal entities is based on annual calculating, while data on value of works done in individual owners' organization are taken over from the data on building permits.

Average number of workers on construction sites in the country involves all workers engaged by the reporting units for work on 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. In case of (small) enterprises, where the works are performed on construction sites and owner or manager of the enterprise is also engaged, as well as family members, such persons are to be included in this group of workers.

Total number of hours worked on construction sites in the country includes only number of hours actually worked, meaning regular working hours, overtime hours, night shifts, Sunday work, hours worked on public holidays, no matter whether the mentioned hours were paid or not.

Level of data representativeness (*territorial and CA*)

Data are available for:

- The territory of the Republic of Serbia, Central Serbia and AP Vojvodina, administrative districts and municipalities;
- By types of constructions (applied is the Classification of Types of Constructions).

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

Changes and adjustments of the coverage, aimed at applying European Statistical Standards were performed in 2003. The essence of methodological basis and comparability of almost all statistical data have been saved.

Integral part of methodology related to conducting annual survey on construction works presents the Classification of Types of Constructions. Therefore, all required adjustments with the new classification have been realized.

DESCRIPTION OF THE SURVEY MANAGEMENT

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

The process of surveys' preparation and implementation involves: the Statistical Office of the Republic of Serbia, Statistical Section of AP Vojvodina and regional departments of the Office, Institute for Informatics and Statistics of the city of Belgrade, as well as all executors of the survey, i.e. responsible persons in the reporting units.

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 GRADJ-11, i.e. GRADJ-12 to the relevant statistical authority not later than March 15th, with the data on the previous year.
- Regional departments are to send the examined reports to SORS not later than April 15th, and Statistical Section of AP Vojvodina and the Institute for Informatics and Statistics of the city of Belgrade not later than June 10th.
- Statistical release has to be designed not later than July 15th.

SURVEY TOOLS

Questionnaire

The following questionnaires are used for conducting the annual survey on construction works:

- Annual report on construction works (questionnaire GRAĐ-11);
- Control list of the annual report on construction works (GRAĐ-12);
- Listing for annual report on buildings constructed in organization of individual owners (for all non-completed buildings from the previous year, regardless of the time when the building started);
- Data on works performed in organization of individual owners, taken over from the data on building permits.

Instructions for filling the questionnaire

Questionnaires GRAĐ-12 and GRADJ-11 are filled by all physical persons and legal entities that perform construction works and are classified in the section of Construction, as well as all legal entities not classified in this section but having incorporated units that perform construction works, either as main contractors or subcontractors.

In case the reporting unit did not perform any construction works in the reporting year, it is obliged to complete GRADJ-12, entering the identification data, answering the question whether its activity related to some other section or it was not active at all. All filled reports of GRADJ-11 are to be entered in GRADJ-12 (control list).

Questionnaire GRAĐ-11 is filled for particular types of constructions on which construction works were performed in the reporting year. According to the rule, a separate questionnaire GRADJ-11 is to be completed for every construction.

Questions from the questionnaire are answered in the empty fields.

Other questions from the questionnaire are answered by entering codes in the empty fields or marking the number (code) next to one of the offered answers.

All data are written in the marked fields as round numbers (no decimals), expressed in the marked measurement units (thousand RSD, m², m³).

Unit of measurement for valuable indicators is "thousand RSD".

In order to avoid double presentation of the data, data on buildings (and dwellings) are provided only for buildings (dwellings) built by the reporting unit as the main contractor, i.e. according to direct contract with the investor or for the own needs (e.g. for market sale). The reporting unit that performed only a part of works on such constructions (e.g. installation or final works), or was engaged in some other phase of building according to the direct contract with the investor or was engaged as sub-contractor, is not to answer the questions on building and dwellings.

List of nomenclatures and classifications used in the survey

(with the information where to obtain them)

- Classification of Activities CA (2010): register of enterprises, institutions and other legal entities, register of shops, Statistical Office of the Republic of Serbia, Official Gazette, 1997.
- For classifying constructions, applied is the Classification of Types of Constructions. The mentioned Classification, containing the classified constructions in details has been published in the edition Methodologies and standards, book no. 15, SORS, 2005.

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)*

Detailed methodological notes of this survey can be found in SORS edition – Methodologies and standards: Annual survey on construction works, book no. 21/2007.

Processing results of the survey on construction works are published in complex publications: “Statistical Yearbook of Serbia” and “Municipalities of Serbia”, as well as on the website of the Statistical Office of the Republic of Serbia.

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