



## METHODOLOGICAL EXPLANATION

# ESTIMATION OF THE CONSTRUCTION OF BUILDINGS

***This methodological explanation relates to the data release:***

- Estimation of the construction of buildings, Slovenia, annually (First Release)

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Last updated: 21 November 2016

## 1 PURPOSE

The purpose of publishing the data on estimation of the construction of buildings is annual monitoring of data on completed buildings and buildings under construction at the end of the year.

Key statistics of estimation of the construction of buildings are:

- the number of completed buildings,
- the floor area of completed buildings,
- the number of buildings under construction,
- the floor area of buildings under construction.

## 2 LEGAL BASIS

- Annual Programme of Statistical Surveys (LPSR) (only in Slovene),
- National Statistics Act (OJ RS, No. 45/95 and 9/01).

## 3 UNIT DESCRIBED BY THE PUBLISHED DATA

Units described by the published data are completed buildings and buildings under construction at the end of the year. Data on completed buildings and buildings under construction are collected according to type of construction, type of construction activity and type of investors.

## 4 SELECTION OF OBSERVATION UNIT

The coverage is complete. The statistical survey covers all buildings for which the administrative body has issued the building permit.

## 5 SOURCES AND METHODS OF DATA COLLECTION

The source of data for the survey Estimation of the Construction of Buildings (GRAD-STAVBE), with which we calculate data on completed buildings and completed dwellings, are data that we collect with the survey Statistics of Buildings Permits (GRAD-GD/M). Up to 2015 the data were obtained with the monthly questionnaire on building permits (GRAD-GD/M). From 2016 on we receive the data on building permits from the Ministry of the Environment and Spatial Planning. The source of data is the Spatial Information System.

## 6 DEFINITIONS

**Buildings** are structures with one or more rooms into which a person can enter and are intended for residence or for performing an activity.

A **residential building** is a building at least half of which is used for residential purposes. If less than half of the overall useful floor area is used for residential purposes, the building is classified under non-residential buildings in accordance with its purpose-oriented design.

A **non-residential building** is a building more than half of which is not used for residential purposes. If at least half of the overall useful floor area is used for residential purposes, the building is classified as a residential building.

**New construction** or **extension** is construction of a new building or extension of an already existing building with which its appearance is considerably altered. Replacement construction is new construction.

**Conversion-improvement** is execution of works that are not construction but the use of the entire building or a part of it is changed so that the impact of the building on the surrounding area is changed.

**Floor area of a building** is the sum total of floor area of all storeys of the building. It is defined by the valid technical regulation SIST ISO 9836 (point 5.1.3.1).

**Volume of a building** is the sum total of the volume of all storeys of the building. It is defined by the valid technical regulation SIST ISO 9836 (point 5.2.2.1).

A **building under construction** at the end of the year is a building which will be completed in the future.

A **completed building** is a building in which all planned construction, finishing and installation works in all interiors have been done.

**Legal persons** are companies, institutions, associations and other organisations that obtain the status of legal persons by registration in an adequate constitutive register or record, or by law.

**Natural persons** are private persons and individual private entrepreneurs.

## 7 EXPLANATIONS

### 7.1 CLASSIFICATIONS

Data are collected and published based on the Classification of Types of Constructions CC-SI, which is the Slovene version of the European Classification of Types of Constructions (CC). CC-SI is published on the SURS website (Other Classifications): <http://www.stat.si/StatWeb/en/mainnavigation/methods-and-classifications/classifications>

### 7.2 DATA PROCESSING

More information about data processing can be found in methodological explanations Statistics of Building Permits (Construction, Construction of Buildings and Dwellings).

### 7.3 OTHER EXPLANATIONS

From 2015 on, we collect with the survey Statistics of Building Permits (GRAD-GD/M) also data on non-complex buildings. As data on the volume of non-complex buildings are not available, data on the volume of completed buildings and the volume of buildings under construction are from 2015 on marked with statistical sign “...” (not available).

## 8 PUBLISHING

Data are published:

### Annually:

- SI-STAT Data Portal: Economy - Construction - Estimation of the construction of buildings. Absolute data are published in line with the Classification of Types of Construction (CC-SI).
- First Release (Construction, Construction of Buildings and Dwellings): »Estimation of the construction of buildings, Slovenia, annually«.
- Statøbook.

## 9 REVISION OF THE DATA

### 9.1 PUBLISHING OF PRELIMINARY AND FINAL DATA

Only final data are published.

### 9.2 BREAKS IN TIME SERIES

Classification of constructions into buildings and civil engineering works was until the end of 2011 determined by the classification adopted with the Decree on the Introduction and Application of the Classification of Types of Constructions and Determination of Constructions of National Importance (OJ RS No. 33/03). From 2012 on we use the classification of construction adopted with the Decree on the Classification of Types of Constructions and Constructions of National Importance (OJ RS No. 109/2011).

Until the end of 2002, data on completed buildings and buildings under construction are estimates calculated on the basis of the Annual Questionnaire on Building or Civil Engineering Work (GRAD/L), the Monthly Questionnaire on Building Permits (GRAD-PGD/M) and the Monthly Questionnaire on Safety Permits (GRAD-PUD/M). Data from 2003 to 2005 are estimations calculated on the basis of the Monthly Questionnaire on Building Permits (GRAD-PGD/M) and the Monthly Questionnaire on Safety Permits (GRAD-PUD/M) and data from 2006 on are estimates only on the basis of the Questionnaire on Building Permits (GRAD-GD/M).

Methodological explanation on revision of statistical data is available on <http://www.stat.si/dokument/5299/RevisionOfStatisticalDataMEgeneral.pdf>.

## 10 OTHER METHODOLOGICAL MATERIALS

- Methodological explanation:
  - Statistics of Building Permits (GRAD-GD/M),  
theme: Construction, sub-theme: Construction of Buildings and Dwellings.  
<http://www.stat.si/StatWeb/Common/PrikaziDokument.ashx?IdDatoteke=8041>