



**MONTENEGRO  
STATISTICAL OFFICE**

IV Proleterske 2, 81000 Podgorica

Tel: +382 (0) 20 230 811

Fax: +382 (0) 20 230 814

E-mail: [contact@monstat.org](mailto:contact@monstat.org)

**QUALITY REPORT 2016**

**Prices of dwellings in new residential buildings**

**Responsible person:** Suzana Gojcaj

**Department:** Business Statistics and Short-term Indicators

## **Content:**

<b>1. Introduction – Basic information about the survey.....</b>	<b>1</b>
<b>1.1 Purpose, goal and subject of the survey .....</b>	<b>1</b>
<b>1.2 Legal basis .....</b>	<b>1</b>
<b>1.3 Statistical units .....</b>	<b>1</b>
<b>1.4 Coverage and scope of survey .....</b>	<b>1</b>
1.4.1 Sectors.....	1
1.4.2 Statistical population.....	1
<b>1.5 Referent geographical area .....</b>	<b>1</b>
<b>1.6 Concepts and definitions .....</b>	<b>1</b>
<b>1.7 Classifications.....</b>	<b>2</b>
<b>1.8 Frequency of data collection .....</b>	<b>2</b>
<b>1.9 Frequency of data dissemination .....</b>	<b>2</b>
<b>1.10 Methodology .....</b>	<b>2</b>
<b>1.11 Base period .....</b>	<b>2</b>
<b>1.12 Unit of measure .....</b>	<b>2</b>
<b>1.13 Source of data.....</b>	<b>2</b>
<b>2. Relevance – Data users.....</b>	<b>2</b>
<b>2.1 User needs.....</b>	<b>2</b>
<b>2.2 User satisfaction .....</b>	<b>2</b>
<b>3. Accuracy and reliability.....</b>	<b>3</b>
<b>3.1 Accuracy – Overall remark.....</b>	<b>3</b>
<b>3.2 Sampling error .....</b>	<b>3</b>
Indicators of sampling error .....	3
<b>3.3 Non-sampling error .....</b>	<b>3</b>
3.3.1 Coverage error.....	3
Indicators of coverage error .....	3
3.3.2 Error of measurement.....	3
3.3.3 Nonresponse error .....	3
Nonresponse rate.....	3
<b>3.4 Seasonal adjustment .....</b>	<b>3</b>
<b>3.5 Data revision.....</b>	<b>3</b>
3.5.1 Data revision policy .....	3
3.5.2 Data revision practice.....	3
3.5.3 Data revision - average size.....	3
<b>4. Timeliness and punctuality.....</b>	<b>4</b>
<b>4.1 Timeliness .....</b>	<b>4</b>
Time lag of the first results.....	4
Time lag of the final results.....	4
<b>4.2 Punctuality.....</b>	<b>4</b>
<b>5. Availability and clarity.....</b>	<b>4</b>
<b>5.1 Release.....</b>	<b>4</b>
<b>5.2 Publication.....</b>	<b>4</b>
<b>5.3 Availability of microdata.....</b>	<b>4</b>
<b>6. Comparability.....</b>	<b>5</b>
<b>6.1 Comparability - geographical .....</b>	<b>5</b>
<b>6.2 Comparability - over time .....</b>	<b>5</b>

## **1. Introduction – Basic information about the survey**

### **1.1 Purpose, goal and subject of the survey**

The aim of the quarterly survey of dwellings in new residential buildings is collection of information about the level and dynamics of dwelling price. The contract price is used in order to observe the current price level of residential construction as well as insight into the level of investment in residential construction. The observation unit is a contracted price of usable area of sold dwelling in new residential building in the residential, mainly residential and non-residential building. The exceptions are the dwellings which are constructed for own use.

### **1.2 Legal basis**

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12) defines provisions for collection, processing, and dissemination of data. The Law provides to the Statistical Office clear and wide legal powers to collect and access the data necessary for the implementation of Programme and Annual Plan. The Law gives a priority to the use of administrative data and right of access to individual data that are a result of survey of other official statistical producers. As an annex to legal provisions, Statistical Office has signed several memoranda on cooperation with administrative data providers.

### **1.3 Statistical units**

The reporting units are investors.

### **1.4 Coverage and scope of survey**

#### **1.4.1 Sectors**

The coverage are all enterprises that are registered in sector F according to the classification NACE Rev.2 as well as enterprises that are not classified in construction sector, but whose local units perform the works on construction objects.

#### **1.4.2 Statistical population**

The prices of dwellings in new residential building, as a subject of this survey, have to covered sold new dwellings (in the residential, mainly residential and non-residential buildings) on the territory of Montenegro for which is concluded a contract of sales and which produces an obligation relations.

### **1.5 Referent geographical area**

Montenegro

### **1.6 Concepts and definitions**

This survey collects the information about: location of building, the month of contracting, construction system of the building, number of floors of the building, equipment of the building with installations, the number of rooms in dwellings, useable surface area of sold dwelling and the price per 1m<sup>2</sup> of usable area in Euro which is included:

- The price for arranging construction land includes the following elements: purchase of land, demolition, the displacement of the occupants, preparation of detailed urban plans and projects, the field testing, the works on recovery, the works for environmental protection and protection of cultural monuments, arrangement of the area around the building, utility equipping of land which include the costs for constructing a primary and secondary network for electricity, water, sewer, phone and etc. –

The price of construction works includes the costs for construction, craftsmanship and finishing works, installation works on buildings and dwellings, equipments for buildings and dwellings. –

Other costs such as a contributions and taxes for connections to the electricity grid and other communal facilities, the cost of expert services which organizes and supervises the construction, interest on loans and advances, taxes for obtaining the permits, VAT, the cost for projecting of the building, etc.

## 1.7 Classifications

NACE Rev. 2

## 1.8 Frequency of data collection

Quarterly.

## 1.9 Frequency of data dissemination

This survey is quarterly disseminated.

## 1.10 Methodology

A statement of methodology is available on website:

[http://monstat.org/userfiles/file/gradjevinarstvo/cijena%20stanova%20u%20novogradnji/2017/Price%20of%20dwellings%20in%20new%20residential%20buildings\\_Methodology\\_2018.pdf](http://monstat.org/userfiles/file/gradjevinarstvo/cijena%20stanova%20u%20novogradnji/2017/Price%20of%20dwellings%20in%20new%20residential%20buildings_Methodology_2018.pdf)

## 1.11 Base period

Reference year.

## 1.12 Unit of measure

Euro

## 1.13 Source of data

Reporting units are the enterprises that sell dwellings.

## 2. Relevance – Data users

### 2.1 User needs

International users:

- Eurostat,
- World Bank,
- UN organizations,
- International Monetary Fund

National users:

- Ministries and other public administration bodies,
- Local government, and other local government bodies.
- Non-governmental organizations,
- Students,
- Researchers,
- Media.

### 2.2 User satisfaction

With purpose of determining user satisfaction with quality data and defining their needs, Statistical Office for the first time carried out the User Satisfaction Survey in 2017. The survey was done from 1 September to 20 October. The survey link was sent to users that sent request to the official email address in period 2013-2017. Additionally, the questionnaire is put on the website of Statistical Office.

### **3. Accuracy and reliability**

#### **3.1 Accuracy – Overall remark**

Not relevant.

#### **3.2 Sampling error**

Not relevant.

##### *Indicators of sampling error*

Not relevant.

#### **3.3 Non-sampling error**

Not relevant.

##### **3.3.1 Coverage error**

Not relevant.

##### *Indicators of coverage error*

Not relevant.

##### **3.3.2 Error of measurement**

Not relevant.

##### **3.3.3 Nonresponse error**

Not relevant.

##### *Nonresponse rate*

Not relevant.

#### **3.4 Seasonal adjustment**

Not relevant.

#### **3.5 Data revision**

##### **3.5.1 Data revision policy**

Statistical Office has adopted the revision policy and it is available on the website <http://www.monstat.org/eng/page.php?id=1411&pageid=1411>

##### **3.5.2 Data revision practice**

Significant revisions have only been made to reflect changes in methodology.

##### **3.5.3 Data revision - average size**

Not relevant.

## 4. Timeliness and punctuality

### 4.1 Timeliness

The data are published 50 days after the end of the reference period.

#### *Time lag of the first results*

The number of days (or weeks or months) from the last day of the reference period to the day of publication of first results:  $T1 = d_{\text{first}} - d_{\text{ref}}$ ,  $T1 = 35$  days,  $d_{\text{first}}$  - release date of first results;  $d_{\text{ref}}$  - last day (date) of the reference period of the statistics. Deadlines for balance of coal data during 2016 are published according to the Statistical Release Calendar.

#### *Time lag of the final results*

The number of days (or weeks or months) from the last day of the reference period to the day of publication of complete and final results. Data for balance of electricity are published 50 days after the end of the reference period in accordance with release calendar.

### 4.2 Punctuality

Deadlines for publishing have been complied in accordance with the Statistical Release Calendar.

## 5. Availability and clarity

### 5.1 Release

Data are available on the website and press release: <http://monstat.org/eng/page.php?id=510&pageid=35>

### 5.2 Publication

Statistical Office publishes the following regular publications:

1. Monthly Statistical Review,
2. Statistical Yearbook,
3. Montenegro in Numbers,
4. Annual Statistics of Transport, Storage and Connections,
5. Number and Structure of Business Entities.

In addition to the above regular ones, Statistical Office publishes also additionally publications. Some of the most important additional publications are as it follows:

1. Women and Men in Montenegro,
2. Children in Montenegro,
3. The most often used statistical data.

All publication published by Statistical Office are available at the following link: <http://monstat.org/eng/publikacije.php>

### 5.3 Availability of microdata

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12) regulates rules under which external users can obtain an access to individual data for needs of research. Article 58 defines types of scientific and research organizations that can obtain such data. Providing individual data without identifier is possible only upon a written request of scientific and research institutions, with purpose of performing scientific and research activities as well as international statistical organizations and statistical producers from other countries. Research entity signs the agreement with Statistical Office, and it signs the statement on respecting the confidentiality principle. Official statistical producers keeps a separate records on users and purpose of using the statistical data given to these users

## **6. Comparability**

### **6.1 Comparability - geographical**

Not relevant

### **6.2 Comparability - over time**

Not relevant