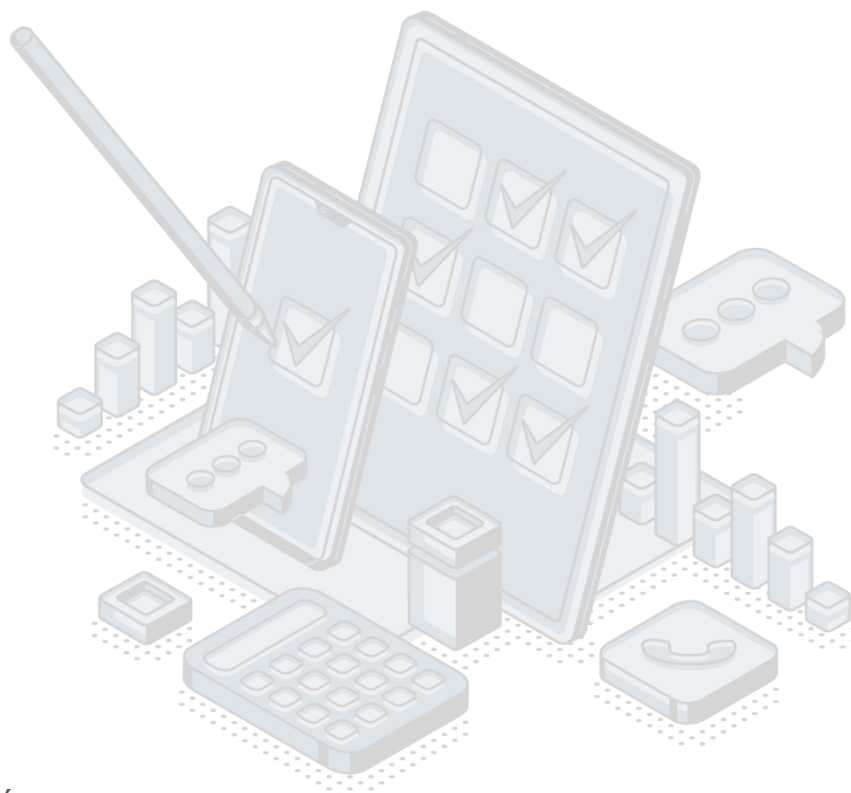


## QUALITY REPORT

### Birth statistics 2022



**Responsible person:** Zdravka SAVIĆ

**Department:** Demography and Migration Statistics Department

**Table of contents:**

<b>1. Introduction – Basic information about the survey .....</b>	<b>3</b>
1.1 Purpose, goal and subject of the survey .....	3
1.2 Legal basis.....	3
1.3 Statistical units .....	3
1.4 Coverage and scope of survey .....	3
1.4.1 Sectors.....	3
1.4.2 Statistical population .....	3
1.5 Referent geographical area.....	3
1.6 Concepts and definitions.....	3
1.7 Classifications .....	3
1.8 Frequency of data collection.....	3
1.9 Frequency of data dissemination .....	3
1.10 Methodology .....	4
1.11 Base period .....	4
Not relevant. ....	4
1.12 Unit of measure .....	4
Number of live born persons.....	4
1.13 Source of data .....	4
1.14 Method of collection data.....	4
<b>2. Relevance – Data users .....</b>	<b>4</b>
2.1 User needs .....	4
2.2 User satisfaction .....	4
<b>3. Accuracy and reliability .....</b>	<b>5</b>
3.1 Accuracy – Overall remark.....	5
3.2 Error of measurement.....	5
3.2.1 Error of non-response.....	5
Not relevant. ....	5
3.3 Seasonal adjustment.....	5
3.4 Data revision .....	5
3.4.1 Data revision policy .....	5
3.4.2 Data revision practice .....	5
3.4.3 Data revision - average size .....	5
<b>4. Timeliness and punctuality .....</b>	<b>5</b>
4.1 Timeliness.....	5
Time lag of the first results.....	5
4.2 Punctuality of data publication.....	5
<b>5. Availability and clarity.....</b>	<b>6</b>
5.1 Statistical Release Calendar .....	6
5.2 Access the data Release Calendar .....	6
5.3 Releases .....	6
5.4 Publications .....	6
5.5 Online database.....	6
5.6 Availability of microdata.....	6
5.7 Metadata completeness.....	6
<b>6. Comparability .....</b>	<b>6</b>
6.1 Comparability - geographical.....	6
6.2 Comparability - over time .....	6

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

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

Statistics of births seeks to produce data on demographic characteristics of the child born alive as well as demographic and socioeconomic characteristics of the parents. The data are needed for the analysis of natural increase at the level of Montenegro and municipalities. The data are a basis for the calculation of a series of analytical demographic indicators used in order to develop the analysis of any current or future structure of the population. Statistics of births are available by age of mother and sex, at the level of Montenegro and municipalities. The data are collected from the birth register kept by Ministry of Interior.

### **1.2 Legal basis**

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12 and 47/19) defines provisions for collection, processing and dissemination of data. The Law provides to the Statistical Office 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 signed a Memorandum of Cooperation in the area of statistics on birth and death with the Ministry of the Interior, as the administrative source of data, in 2010.

### **1.3 Statistical units**

Live-born persons.

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

#### **1.4.1 Sectors**

Not relevant.

#### **1.4.2 Statistical population**

All live born persons recoded in the birth register - Ministry of Interior.

### **1.5 Referent geographical area**

Montenegro and municipalities.

### **1.6 Concepts and definitions**

A live-born child (live birth) is every child who shows signs of life after birth (such as breathing, i.e. beating of the heart) even for a very short period, regardless of mother pregnancy duration.

### **1.7 Classifications**

Municipality.

### **1.8 Frequency of data collection**

Monthly (annual service)

### **1.9 Frequency of data dissemination**

- Monthly, preliminary data,
- Annual, final data,
- Annual data is submitted to Eurostat.

### 1.10 Methodology

Methodology about birth statistics is available on the link:

<http://monstat.org/userfiles/file/demografija/rodjeni/Statistika%20rodjenih,%20prevod%20metodologije.pdf>

### 1.11 Base period

Not relevant.

### 1.12 Unit of measure

Number of live born persons

### 1.13 Source of data

Administrative data source - birth register. Law on the Register of Births and Deaths (Official Gazette of Montenegro No 47/08 from 7 August 2008, 41/10 from 23 July 2010).

### 1.14 Method of collection data

Administrative method of data collection.

## 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;
- ✚ Central bank;
- ✚ Non-governmental organizations;
- ✚ Students;
- ✚ Researchers;
- ✚ Media.

### 2.2 User satisfaction

The Statistical Office has adopted the Quality Management Strategy, the Guidebook to the Implementation of the Quality Management Strategy, as well as the Plan for the Implementation of the Quality Policy. In order to measure the degree to which fulfils obligations towards users and within the new quality policy, the Statistical Office conducted User satisfaction survey. The results of the survey are available on the Statistical Office website, link:

[https://www.monstat.org/uploads/files/kvalitet/2.%20Izvestaj%20o%20zadovoljstvu%20korisnika%20-%202022\\_FINAL%20engleska.pdf](https://www.monstat.org/uploads/files/kvalitet/2.%20Izvestaj%20o%20zadovoljstvu%20korisnika%20-%202022_FINAL%20engleska.pdf)

### 3. Accuracy and reliability

#### 3.1 Accuracy – Overall remark

Since the data source is administrative, all registered cases of the born are covered, thus providing a high level of accuracy.

#### 3.2 Error of measurement

Not relevant.

##### 3.2.1 Error of non-response

Not relevant.

#### 3.3 Seasonal adjustment

Not relevant.

#### 3.4 Data revision

##### 3.4.1 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>

##### 3.4.2 Data revision practice

Annual Plan foresees preliminary and final announcement of data. According to this, a regular revision is applied for this survey. There is no significant and unplanned revision.

##### 3.4.3 Data revision - average size

Not available.

### 4. Timeliness and punctuality

#### 4.1 Timeliness

Final data are published not later than 100 days after the expiration of the reference period (T+100). Statistical Release Calendar is available on the following link:

<http://monstat.org/eng/page.php?id=12&pageid=12>

For 2022 data are published on 11 April 2023. Data are submitted to Eurostat.

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

Preliminary data shall be published no later than 60 (T + 60) days after the expiration of the reference period.

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

Final results are published no later than 100 days after the expiration of the reference period (T + 100).

#### 4.2 Punctuality of data publication

Data are published on the day defined by the Annual Plan and Statistical Releases Calendar. Indicator TP3 is 0, i.e. there is no difference between planned and actual announcement.

## 5. Availability and clarity

### 5.1 Statistical Release Calendar

The Law on Official Statistics and the System of Official Statistics (Official Gazette of Montenegro No 18/12 and No 47/19) stipulates that producers of official statistics prepare, update and publish the Statistical Release Calendar. It is published on the website of the Statistical Office no later than December 20 for the following year, for all producers of official statistics, which includes the dates of publication of statistical data. Any change in the date of publication in the Calendar shall be announced in advance in accordance with the Procedure for Unplanned Audits.

### 5.2 Access the data Release Calendar

Statistical Release Calendar is available on the following link:

<https://www.monstat.org/eng/page.php?id=12&pageid=12>

### 5.3 Releases

Releases are published once a year and are available on the website at the link:

<https://www.monstat.org/eng/page.php?id=1293&pageid=47>

### 5.4 Publications

All publications published by the Statistical Office are available at the following link:

<https://www.monstat.org/eng/publikacije.php>

### 5.5 Online database

Not available.

### 5.6 Availability of microdata

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 018/12 and 047/19) 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 keep a separate record on users and purpose of using the statistical data given to these users.

### 5.7 Metadata completeness

Not available.

## 6. Comparability

### 6.1 Comparability - geographical

Data are collected in accordance with the EU Regulation No 1260/2013, thus a comparability is ensured with all countries who are using the same methodology.

### 6.2 Comparability - over time

A comparable time series of data is available since 1974.

*Indicator for comparability over time*

Not available.