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**QUALITY REPORT 2016**

**Monthly report on entrance of raw milk (cow milk) and obtained milk products**

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

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

Statistical survey - Monthly report on the Entry of raw milk (cow's) milk and milk products obtained aims to provide data on the supply of cow's milk to milk processing entities and deal with the production of dairy products.

### **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.

All the definitions for this survey are in line with the EU standards and recommendations, ie Council Regulation No. 96/16 / EC relating to the statistics of milk and dairy products.

### **1.3 Statistical units**

Companies or dairies who buy whole milk or in certain cases and dairy products directly from agricultural holdings or from dairies in order to transform them into dairy products.

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

#### ***1.4.1 Sectors***

Sector A-Agriculture, hunting and forestry.

#### ***1.4.2 Statistical population***

Statistics of agriculture and fisheries bases this survey on the coverage of all dairies.

### **1.5 Referent geographical area**

Montenegro.

### **1.6 Concepts and definitions**

The milk that is for drinking includes raw milk, whole-fat milk, semi-processed and skimmed milk that does not contain additives. A creamy fat film naturally formed on the surface of the milk if removed by removal from the milk surface or milk extraction by centrifugation in the cream separator has a relatively high fat content (usually over 10% of the weight of the product). Sour milk refers to yoghurts for drinking, prepared by heat treatment-fermenting milk. Butter and other dairy products of yellow fats: includes butter, kajmak and butter oil and other yellow fats expressed in butter equivalent with 82% milk fat content. The product is fresh or matured, solid or semi-hard products obtained by coagulation of milk, partially defatted milk, cream, cream paste, alone or in combination with cheese or other suitable coagulation agents, and the partial release of whey resulting from such coagulation.

### **1.7 Classifications**

NACE Rev. 2

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

The collection period is monthly.

## 1.9 Frequency of data dissemination

The data dissemination frequency is monthly.

## 1.10 Methodology

The survey can be found on our website at the following link:

<http://www.monstat.org/userfiles/file/poliprivreda/metodologije/Metodolosko%20uputstvo-%20Mlijeko.pdf>

The methodology is the same for annual and monthly research as the same variables are collected, and the difference is that only the cow's milk is covered by the monthly release. The data is based on recommendations that are in accordance with EU standards and recommendations (Council Directive No. 96/16 / EC) for the fields of milk and dairy products statistics.

## 1.11 Base period

The base period for the creation of the index is the same month of the previous year and the previous month of the same year.

## 1.12 Unit of measure

Liter (for the quantity of cow milk, as well as for the quantity of milk for drinks), kilogram (dairy products)

## 1.13 Source of data

The source of data from this survey are companies or dairies that purchase raw cow's milk on a monthly basis.

## 2. Relevance – Data users

### 2.1 User needs

International users:

- Eurostat,

National users:

- Ministries and other public administration bodies,

- Local government, and other local government bodies.

### 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

Monthly research on the input of raw (cow's) milk and milk products obtained is carried out over the whole population, data are obtained by the reporting method and are subject to the usual types of error in the input, processing errors and non-response.

### 3.2 Sampling error

Not relevant.

*Indicators of sampling error*

Not relevant.

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

Non-destructive errors include: error coverage, error measurement, error response and processing error.

#### **3.3.1 Coverage error**

Not relevant.

*Indicators of coverage error*

Not relevant.

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

Possible measurement errors are corrected based on logical and calculation checks. We try to avoid the control data, the direct calling of the dairy and validating the process.

#### **3.3.3 Error of nonresponse**

Not available.

*Nonresponse rate*

Not available.

### **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**

Not relevant.

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

Not available

## **4. Timeliness and punctuality**

### **4.1 Timeliness**

The time period between the availability of data and publication is 45 days.

*Time lag of the first results*

Not relevant

### *Time lag of the final results*

Not relevant

## **4.2 Punctuality**

In accordance with the Annual Plan of Official Statistics and Calendar of Publication of Statistical Data, it is planned to publish the survey day every 15th of the month.

## **5. Availability and clarity**

### **5.1 Release**

The publication that contains the data on this survey is a press release (Release of raw milk (cow's) milk and obtained dairy products in dairies).

<http://www.monstat.org/eng/page.php?id=1327&pageid=61>

### **5.2 Publication**

The Statistical Office only publishes the data from this survey in the form of a Releases and the same data submit to Eurostat.

### **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**

The data are fully comparable.