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## **QUALITY REPORT 2016**

### **Report on Production of White-Fleshed Fish and Shellfish in Mariculture**

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

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

Collecting data in mariculture on employed staff, production of eggs and young ones, breeding of white fish and shells in farms, as well as the consumption of food in farms.

### **1.2 Legal basis**

The Law on Official Statistics and the Official Statistics System ([Official Gazette of Montenegro] No. 18/12) define provisions for the collection, processing and dissemination of data. The law provides the Statistical Office with a clear and broad legal authority to collect and access the data necessary for the implementation of the Program and the Annual Plan. The law gives priority to the use of administrative data, as well as the right to access individual data as a result of research by other producers of official statistics. In addition to the legal provisions, the Statistical Office has signed several memoranda of cooperation with holders of administrative data

### **1.3 Statistical units**

Individual fishermen and enterprises engaged in the production, catch, traffic and processing of fish and shellfish.

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

#### **1.4.1 Sectors**

A-Agriculture, Forestry and Fisheries

#### **1.4.2 Statistical population**

Enterprises and individual fishermen.

### **1.5 Referent geographical area**

Montenegro

### **1.6 Concepts and definitions**

Mariculture is the cultivation or breeding of fish and other marine organisms in the fishing sea using techniques that are designed to increase the production of these organisms beyond the natural capacity of the environment. Mariculture and the processing of mariculture products can be dealt with by a business company and an entrepreneur. "Saltwater" means water whose salinity is sensitive. It can be water whose salinity is constantly high (eg sea water) or whose salinity is sensitive, but it is not constantly on a high level. "Species" means the type of aquatic organisms designated by an international three-letter marker as defined by the FAO (ASFIS species list for the needs of fishery statistics). "Cages" denote discovered or covered structures expressed from the net or other porous material that allows the natural change of water. These structures can float, be suspended or fixed to the substrate, but nevertheless allow the exchange of water below. "Quantity" means (for fish, crustaceans, molluscs and other aquatic animals) the equivalent of the live weight of the product. "value" means the total value (excluding the invoiced value added tax) of production (in euro) divided by the total amount of production.

### **1.7 Classifications**

NACE Rev.2

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

Per year.

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

Yearly.

## 1.10 Methodology

<http://monstat.org/userfiles/file/poliprivreda/metodologije/METODOLOGIJA-Morsko%20i%20slatkovodno%20ribarstvo.pdf>

## 1.11 Base period

Not relevant.

## 1.12 Unit of measure

Number, m<sup>2</sup>, m<sup>3</sup>, kg.

## 1.13 Source of data

Individual fishermen and fishermen engaged in the production, catch, traffic and processing of fish and shellfish.

## 2. Relevance – Data users

### 2.1 User needs

International users:

- UN organizations

National users:

- Ministries and other public administration bodies,

- Local government, and other local government bodies.

- 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. The processing of data obtained by the mentioned survey is ongoing, while final result are ready until the end of year, both for total users satisfaction, and by domains.

## 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 Error of nonresponse**

Not relevant.

#### *Nonresponse rate*

Not relevant.

## **3.4 Seasonal adjustment**

Not relevant.

## **3.5 Data revision**

### **3.5.1 Data revision policy**

The Statistical Office has adopted the audit policy and is available on the website:

<http://www.monstat.org/cg/page.php?id=1493&pageid=1493>

### **3.5.2 Data revision practice**

Published data are considered as final.

### **3.5.3 Data revision - average size (A6)**

There was no data revision.

## **4. Timeliness and punctuality**

### **4.1 Timeliness**

Publishing period is annual. Data are published in the current year for the previous one.

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

Not relevant.

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

There is no time interval between actual delivery of data and target date. All data is published in accordance with the scheduled release date.

### **4.2 Punctuality**

All data are published in accordance with the Statistical Release Calendar for 2016.

## **5. Availability and clarity**

### **5.1 Release**

Data are published in the statistical yearbook. All publications published by the Statistical Office are available on the following link:

<http://monstat.org/cg/publikacije.php>

### **5.2 Publication**

Statistical Office publishes the following regular publications:

1. Statistical Yearbook,
2. Montenegro in figures,

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**

The data are completely comparable.