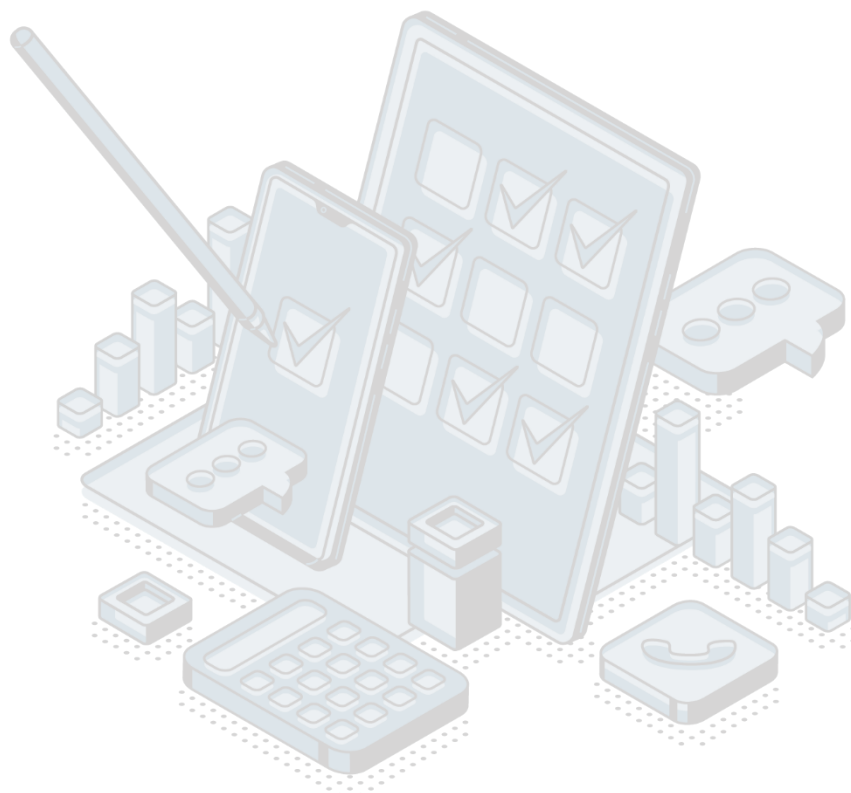


## QUALITY REPORT FOR 2021

### Production of White-Fleshed Fish and Shellfish in Mariculture



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## **1. Introduction – Basic information on survey**

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

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

### **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 has signed several memoranda on cooperation with administrative data providers.

### **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**

Sector A - Agriculture, forestry and fishery.

#### **1.4.2 Statistical population**

Enterprises and individual fishermen.

### **1.5 Reference 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 (e.g. sea water) or whose salinity is sensitive, but it is not constantly on a high level. "Type" means the type of aquatic organisms designated by an international three-letter marker as defined by the FAO (ASFIS species list for fishing statistics). "Cages" denote discovered or covered structures expressed from a net or other porous material that allows a 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, crabs, molluscs and other aquatic animals) the equivalent of the live weight of the product. "Value" means the total value (excluding invoiced value added tax) of production (in euro) divided by the total amount of production.

## **1.7 Classifications**

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

Annual.

### **1.9 Dynamics of data collection**

### **1.10 Methodology**

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

### **1.12 Unit of measure**

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

### **1.13 Data source**

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

### **1.14 Method of data collection**

Reporting method.

## **2. Relevance – data users**

### **2.1 User needs**

#### **International users:**

1. Eurostat;
2. World Bank;
3. UN organizations;
4. International Monetary Fund.

#### **National users:**

1. Ministries and other public administration bodies;
2. Local government and other local government bodies;
3. Central bank;
4. Non-governmental organizations;
5. Students;
6. Researchers;
7. 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. Data collection was carried out through a web survey, in the period from 1 September to 20 October, 2017. The results of the survey are available on the Statistical Office website, link:

<http://www.monstat.org/userfiles/file/KVALITET/Izvjestaj%20o%20zadovoljstvu%20korisnika%20eng.pdf>

## 3. Accuracy and reliability

### 3.1 Accuracy – overall

Not relevant.

### 3.3.2 Measurement error

Not relevant.

### 3.3.3 Non-response error

Not relevant.

#### *Rate not responsive unit*

Not relevant.

#### *Non-response rate for the topic*

Not relevant.

### 3.3.4 Data processing error

Not relevant.

#### *Imputation rate*

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=3>

### 3.5.2 Data revision practice

Not available.

### 3.5.3 Data revision - average size

## **4. Timeliness and punctuality**

### **4.1 Timeliness**

Not relevant

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

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

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

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

### **4.2 Accuracy of data publication**

Not available.

## **5. Availability and clarity**

### **5.1 Statistical Release Calendar**

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12, and 47/19) stipulates that official statistical producers prepare, update, and publish Statistical Release Calendar. It is published on the website of Statistical Office not later than 20 December for the next year, for all official statistical producers that includes date of releasing statistical data. Any change in date of releasing in the Calendar is published in advance in accordance with the Procedure on Unplanned Revisions.

### **5.2 Access to Statistical Release Calendar**

[http://monstat.org/uploads/files/O%20NAMA/Kalendar%20objavljivanja%20statističkih%20podataka%20za%202021.%20godinu%20%20ENG%20-%20za%20web%20sajt\(1\).pdf](http://monstat.org/uploads/files/O%20NAMA/Kalendar%20objavljivanja%20statističkih%20podataka%20za%202021.%20godinu%20%20ENG%20-%20za%20web%20sajt(1).pdf)

### **5.3 Releases**

The data are published in the Statistical Yearbook and in the 'Montenegro in Figures'.

### **5.4 Publications**

Statistical Office publishes the following regular publications: 1. Statistical Yearbook, 2. Montenegro in figures, 3. Monthly statistical review. 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. The most often used statistical data All publication published by Statistical Office are available at the following link: <https://www.monstat.org/cg/publikacije.php?id=100>

### **5.5 Online database**

The Fisheries Statistics Database is available online at the Statistics Directorate's website: <https://www.monstat.org/cg/page.php?id=162&pageid=162>

### **5.6 Access to microdata**

The Law on Official Statistics and Official Statistical System (Official Gazette of Montenegro No 18/12, and 47/19) 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 occupancy**

Not relevant

## **6. Comparability**

### **6.1 Spatial comparability**

Not relevant.

### **6.2 Time comparability**

Not available.