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QUALITY REPORT FOR 2019

Annual survey of agricultural enterprises and cooperatives

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1. Introduction – Basic information about the survey

1.1 Purpose, goal and subject of the survey

The survey collects data: number of workers and co-workers according to qualifications; number of agricultural machinery and equipment; hours of use; wheat balance; capacity of facilities and equipment for processing, incubators; fuel, lubricant, and electricity consumption; amounts of plant protection products; and number of contractors who have contracted the production.

1.2 Legal basics

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 legal powers to collect and access the data necessary for the implementation of Program 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

Cooperatives and agricultural enterprises.

1.4 Coverage and scope of survey

1.4.1 Sector

Livestock

1.4.2 Statistical population

This survey involved all agricultural enterprises and cooperatives within the agricultural sector.

1.5 Referent geographical area

Montenegro

1.6 Concepts and definitions

The cooperative is a legal entity which represents a special form of organization in accordance, with the classification, and it is classified by the main activity in the sector of agriculture, hunting and forestry.

1.7 Classifications

NACE Rev.2

1.8 Frequency of data collection

The frequency of data collection is once a year.

1.9 Frequency of data dissemination

The frequency of the dissemination of data is annual.

1.10 Methodology

The methodology manual can be found on our website at the following link: <http://monstat.org/userfiles/file/poliprivreda/metodologije/Metodolo%C5%A1ko%20uputstvo%20-%20PO-71.pdf>

1.11 Unit of measure

Number (of agricultural cooperatives, agricultural enterprises, workers and cooperatives according to qualifications, agricultural machines and devices).

1.12 Unit of measure

Data source for this survey is national needs.

1.13 Method of collection data

Data from agricultural enterprises and cooperatives are obtained through a reporting (postal) method.

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 fulfills 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: <https://www.monstat.org/eng/page.php?id=1502&pageid=1>

3. Accuracy and reliability

3.1 Accuracy - overall

The annual survey of agricultural enterprises and agricultural cooperatives is conducted over the entire population, data are obtained by the reporting method and are subject to the usual types of error when entering, processing errors, and non-response.

3.1.2 Error of measurement

Possible measurement errors are corrected based on logical and calculation checks. We are trying to avoid them by using control data, by direct calling a reporting unit, and by validating the process.

3.1.3 Non-response error

The questionnaires were sent to the agriculture enterprises and co-operatives, and if the agricultural company and the cooperative did not respond, we contacted them via e-mail and phone.

Unresponsive unit rate (A3)

Not available.

Non response rate

Not available.

3.1.4 Error processing the data

The collected data go through a series of processes before the final grade, which is: input, imputation, editing, tabulation, etc. The mistakes made in these phases are called errors of processing.

Imputation rate

Not available.

3.2 Data revision

3.2.1 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>

3.2.2 Data revision practice

Not relevant.

3.2.3 Data revision - average size (A6)

Not available.

4. Timeliness and punctuality

4.1 Timeliness

The time period between availability of data and publication is 240 days.

Time lag of the first results

Not relevant.

Time lag of the final results

Not relevant.

4.2 Punctuality

The results of this survey are published in the Statistical Yearbook at the end of December.

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) 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 the data Release Calendar

<https://www.monstat.org/userfiles/file/o%20nama/2019/Kalendar2019MonstatENG.pdf>

5.3 Releases

Not relevant.

5.4 Publication

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

5.5 On-line databas

Not relevant.

5.6 Access to micro data

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.

5.7 Metadata occupancy

Not available.

6. Comparability

6.1 Spatial comparability

Not relevant,

6.2 Time comparability

For this survey there is a time comparability.