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QUALITY REPORT 2016

Annual survey on livestock 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 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.

1.3 Statistical units

The statistical unit observed is an agricultural holding (a single unit, both technically and economically, which has a single management and which produces agricultural products and cooperatives.

1.4 Coverage and scope of survey

1.4.1 Sectors

Sector A-Agriculture, hunting and forestry.

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

Data collection is done 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 Base period

The base period for creating the index is previous year.

1.12 Unit of measure

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

1.13 Source of data

The source of data for this survey are all agricultural enterprises and cooperatives in the field of agriculture, hunting and forestry. The data for this research are collected by the reporting method.

2. Relevance – Data users

2.1 User needs

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

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.

3.2 Sampling error

Not relevant.

Indicators of sampling error

Not relevant.

3.3 Non-sampling error

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

3.3.1 Coverage error

Not relevant.

Indicators of coverage error

Not relevant.

3.3.2 Error of measurement

The questionnaires were mailed 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.

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.

3.3.2 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 relevant.

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

It is planned to publish the data from this survey on December 20.

5. Availability and clarity

5.1 Release

Not relevant.

5.2 Publication

The Statistical Office publishes regular data of this survey in the publication Statistical Yearbook. All publications published by the 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

For this survey there is a time comparability.