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QUALITY REPORT 2016

Farm Structure Survey

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1. Introduce – Basic information about the survey

1.1 Purpose, goal and subject of the survey

Collection, processing, and dissemination of accurate and internationally comparable data on structure of agricultural holdings according to the used agricultural land, livestock unit, annual work unit.

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. During the elaboration of instruments for farmstructure survey were used Regulation 1166/2008 of the European parliament and of the council of 19 November 2008.

1.3 Statistical units

The survey covers:

- family agricultural farms;
- legal entities and units within the legal entities that are in compliance with the National Classification and are distributed according to the main activity in the sector of Agriculture, hunting and forestry;
- legal entities and entities within the legal entities that are in compliance with the National Classification of Activities are not allocated in the sector of agriculture, hunting and forestry, but perform activities in this sector;
- entrepreneurs.

1.4 Coverage and scope of survey

1.4.1 Sectors

Section A - Agriculture, forestry and fishing

1.4.2 Statistical population

Farm structure survey (FSS) includes all agricultural farm dealing with crop and livestock production.

1.5 Referent geographical area

Montenegro.

1.6 Concepts and definitions

Family agricultural holding means a single unit, both technically and economically, which has a single management, and which produces agricultural products.

Agricultural production means cultivation of crops, breeding of cattle, poultry, and other animals, production of wine from own grape and olive oil from own olives.

Land resources means total agricultural area divided by utilisation category into: agricultural land in kitchen garden, arable land, vineyard, orchards, nurseries, meadows and pastures.

Livestock resources means number of livestock by types and categories.

Labour force taking part in agricultural production includes all persons employed on a regular or non-regular basis in the agricultural production activities, who can be either household members or not.

1.7 Classifications

NACE Rev. 2

1.8 Frequency of data collection

The data collected every three year.

1.9 Frequency of data dissemination

The frequency of data dissemination is three years. Data are deliver to Eurostat every three years.

1.10 Methodology

Methodological guidelines for the farm structure survey is available on the link:

<http://monstat.org/cg/page.php?id=1005&pageid=1005>

1.11 Base period

Not relevant.

1.12 Unit of measure

The value of data in dissemination refers to the number (agricultural holdings, livestock, labor force), and the area show in ha and m².

1.13 Source of data

The data source from FSS survey collected by:

- family agricultural farms;
- legal entities and units within the legal entities that are in compliance with the National Classification and are distributed according to the main activity in the sector of Agriculture, hunting and forestry;
- legal entities and entities within the legal entities that are in compliance with the National Classification of Activities are not allocated in the sector of agriculture, hunting and forestry, but perform activities in this sector;
- entrepreneurs.

Data for family agricultural holdings were collected interview method, and data for legal entities and units within the legal entities and entrepreneurs were collected reporting method.

2. Relevance – Data users

2.1 User needs

International users:

- Eurostat,
- UN organizations,

National users:

- Ministries and other public administration 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

The survey farm structure survey is carried out on a sample basis and the data is obtained by a reporting method and are subject to common types of errors related to sampling technique, non-sampling errors, processing errors, and non-response.

3.2 Sampling error

The farm structure survey is carried out on a sample basis so logically there is an error in random sampling. The coefficient of variation is the relative measure of the accuracy of the data evaluation. In addition to this measure, the lower and upper bounds of confidence intervals are also calculated.

Indicators of sampling error

Not available.

3.3 Non-sampling error

Non-sampling errors are associated with other errors that aren't connected with sample. Non-sampling errors include: coverage error, measurement error, response error and processing error.

3.3.1 Coverage error

The coverage error is a difference between the population in sampling frame and the target population. The coverage errors include: over coverage and under coverage.

Indicators of coverage error

Not available.

3.3.2 Error of measurement

Measurement errors try to avoid training the interviewers and controllers. Eventual measurement errors are corrected based on logic-numeric controls and validation the process.

3.3.3 Nonresponse error

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

The preliminary data of farm structure survey were published 29 december 2017. The final data will be published after validation by Eurostat.

3.5.3 Data revision - average size

The preliminary data of farm structure survey were published 29 december 2017. The final data will be published after validation by Eurostat.

4. Timeliness and punctuality

4.1 Timeliness

According to the Annual Plan of Statistical Surveys and the Statistical Release Calendar of Statistical Office, data on farm structure survey collected every three years, for the first time are published in December 2017 of the current year for the previous year.

Time lag of the first results

The time lag indicator for the publication of the preliminary data represents the time between the date of the last day of the reference period and the date of publication of the first data. $T1 = d_{first} - d_{ref}$ $T1 = 13$

Time lag of the final results

For farm structure survey published preliminary data, but final data will be published after validation of Eurostat. From the above reason is not possible calculate indicator TP1.

4.2 Punctuality

Not available.

5. Availability and clarity

5.1 Release

Releases for Farm structure survey as to preliminary, for the first time published in december 2017: <http://monstat.org/cg/page.php?id=1005&pageid=1005>

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

The FSS methodology is according with EU Regulation 1166/2008, which allows for comparability between countries.

6.2 Comparability - over time

Data for the Farm Structure Survey showed some differences in the methodology, but the data are quite comparable. The methodologist change it came because the large time gap since when the Agricultural Census conducted 2010 to 2016 when conducted farm structure survey. In Handbook-a on implementing the FSS definitions which was used for the conducted the Census, as well as for structure survey, it came to certain methodological change, and for that reason the data are quite comparable.