

Statistics of Plant Production and Agricultural Land

Metadata

National Bureau of Statistics of the Republic of Moldova (NBS)

1. Contact Information

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2. Metadata Update

2.1. Last certification of metadata

02.02.2022

2.2. Last update of metadata

02.02.2022

3. Statistical Presentation

3.1. General description

This area covers statistical data on:

- sown area, gross harvest and average yield per hectare of agricultural crops (cereals and legumes; technical crops; potatoes, vegetables and pumpkin crops, fodder crops);
- total area, fructiferous area, gross harvest and average yield per hectare of perennial plantations (orchards, vineyards, nuts and fruit bushes);
- information regarding the holders of agricultural lands;
- establishment of perennial plantations and production of planting material;
- procurement of agricultural products;
- use of phytosanitary products and the incorporation of chemical and natural fertilizers.

The nominated statistical data offer numerous possibilities for correlation and structuring by categories of holdings at country and territorial profile, being an important source of information needed to assess the country's agricultural potential, develop agricultural policies, monitor and evaluate their implementation.

The annual statistical data regarding the sown areas and gross harvest of agricultural crops by categories of holdings and establishment of perennial plantations and production of planting material are obtained and presented by:

- agricultural production enterprises (or agricultural enterprises), as well as farms with an area of agricultural land of 10 ha and over - based on their exhaustive research (through the presentation of statistical reports);
- farms with an area of agricultural land up to 10 ha and households - based on sample statistical surveys of small agricultural producers.

Statistical data on the harvested yield of agricultural crops (twice a year), the use of phytosanitary products and the incorporation of chemical and natural fertilizers (once a year) are obtained and presented on agricultural enterprises and farms with the area of agricultural land of 50 ha and over based on their exhaustive survey (through the presentation of statistical reports).

Statistical data on the purchase of agricultural products are obtained and presented on the basis of exhaustive survey of enterprises and organizations purchasing agricultural products (through the submission of statistical reports).

Administrative sources are used for elaborating of statistical data:

- Land Cadastre, elaborated by the Land Relations and Cadastre Agency (<http://www.arfc.gov.md/>)
- Lists of holders of agricultural lands, submitted by the mayoralties of villages (communes), towns, annually, and in May.

Peculiarities of data submission. Statistical data on:

- sown areas and the obtained production of the agricultural crops and the total surface, the fruit yield area and the obtained production of the perennial plantations on the holdings of all categories, are available with annual periodicity, on total country;
- sown areas and the production of agricultural crops and the total area, the fructiferous area and the production of perennial plantations on agricultural enterprises and farms with a surface area of agricultural land of 10 ha and above are available on an annual basis, on total country, as well as in territorial profile (by development regions, rayons, municipalities and ATU Gagauzia);
- establishment of perennial plantations and the production of planting material (twice a year) include only agricultural enterprises, farms with an area of agricultural land of 50 ha and over, other economic agents and persons who have benefited of subsidies - are available in total country and in territorial profile (by development regions, rayons, municipalities and ATU Gagauzia);
- use of phytosanitary products and the incorporation of chemical and natural fertilizers (annual periodicity) include only agricultural enterprises and farms with an area of agricultural land of 50 ha and over, are available for the total country, and in territorial aspect (by development regions, rayons, municipalities and ATU Gagauzia);
- crop harvesting of agricultural cultures – twice per year (July and October), cover only agricultural enterprises and farms with agricultural land area of 50 ha and over are available on for the whole country and in territorial profile (by rayons and development regions).

3.2. Concepts and definitions

3.2.1. Definitions

In the agricultural activity, from the point of view of organizing statistical surveys, there are 3 major categories of agricultural holdings:

- Enterprises producing agricultural production or agricultural enterprises,
- Farms,
- Households.

Enterprises producing agricultural production or agricultural enterprises cover all the enterprises and organizations, which have legal entity status and produce agricultural products, holding or possessing agricultural land or developing agricultural activity, regardless of their organizational-legal form and ownership type. This category includes the enterprises with the main activity type “agriculture”, as well

as the enterprises which carry out agricultural activities as secondary activity (within their structural subdivisions), and institutions, organizations (monasteries, military units, etc.) which have agricultural lands.

According to their organizational-legal form, agricultural enterprises may be: agricultural production cooperatives (APC), joint stock companies (JSC), limited liability companies (LLC), state enterprises (SE), etc.

Farms represent the entrepreneurship activity form, without legal status, carried out using lands and patrimony under the private property or use of the farmer who produces agricultural production. This category also includes the persons who were given land parcels in the counterpart of shares of equivalent land, but did not register it in the established way.

Households are the form of agricultural production produced by their own work by citizens or members of their families, in particular on the plots of the house (located inside the localities) and in the gardens (out of the localities) in order to meet the needs in food and other needs. Households do not have legal status.

Agricultural activity performed by households cover the activities carried out in households, horticultural associations, and privatized horticultural plots.

Gross harvest of agricultural crops represents the volume of plant production obtained from all the areas of agricultural crops/perennial plantations (separately by crops and groups of crops) in natural expression, including the production obtained from young perennial plantations, on successive sowings, between rows and the production resulting from the change of crops' destination.

Average yield per hectare of agricultural crops is calculated, taking as a basis the gross harvest from the main sowings, from 1 ha of harvested area of the respective crop. **Average yield per hectare of perennial plantations** is calculated based on the gross harvest obtained from the fructiferous areas, divided to the fructiferous area.

Agricultural land represents the lands plots used systematically for obtaining agricultural production. The area of the agricultural land is set from: arable land, perennial plantations (vineyards, orchards, and nut plantations), pastures and hayfields.

Arable land represents the agricultural land plots systematically processed (ploughed) and used for sowing agricultural crops and perennial herbs.

Perennial plantations – agricultural land planted with orchards, vineyards and nut plantations:

Orchards – plantations of trees, regardless of the age and species (stone and seed).

Fruit bush plantations – are berry plantations (raspberries, strawberries, currants, gooseberries, etc.).

Nut plantations – plantations of nuts, hazel nuts and other species (almond, etc.).

Vineyards – plantations of vineyards, regardless of the age, species and destination.

Pastures represent lands covered with herbal vegetation, grown in natural way, meant for animal pasturing.

Hayfields represent the lands covered with herbal vegetation, grown in natural way, meant for hay harvesting.

Sown area – arable land sown with agricultural crops and areas sown with agricultural crops between rows of orchards and vineyards.

Sown area covers 4 big groups of agricultural crops:

1. **Cereals and leguminous**

of which:

- winter crops:
 - *winter wheat*;
 - *winter rye*;
 - *winter barley*;
 - *other winter cereals*.
- spring wheat;
- spring barley;
- oat;
- grain maize;
- millet;
- buckwheat;
- grain sorghum;
- other spring cereals;
- leguminous crops:
 - *peas*;
 - *beans*;
 - *fodder grains for grains*;
 - *pure spring peas and in borceag (with predominance of pea for grains)*;
 - *other grain legumes*.

2. **Technical crops**

of which:

- industrial sugar beet;
- sunflower;
- soy;
- rape;
- tobacco;
- medical plants;
- hetero-oleaginous crops;
- flax (cultivated for fiber and seeds);
- other technical crops.

3. **Potatoes, vegetables, melons, and gourds**

of which:

- potatoes
- field vegetables – total and specified according to the following:
 - *different cabbage*;
 - *cucumbers*;
 - *tomatoes*;
 - *table beet*;
 - *carrot*;
 - *onion*;
 - *garlic*;
 - *green peas*;
 - *sweet corn*;
 - *pumpkins*;
 - *gourds*;
 - *peppers*;
 - *egg-plants*;
 - *bell peppers*;

- *green stuff*;
- *other vegetables*;

- Annual, biennial and mother plantations of seed vegetables;
- Chive;
- Melons and gourds for food;
- Melons and gourds for seeds.

4. **Forage crops**

- root plants for forage;
- seedlings and mother-plantations of root plants for forage;
- sugar beet for feeding animals;
- forage pumpkins;
- silo seeding (without maize);
- maize for silo, green mass, and hay;
- annual herbs for hay, seeds, green forage, for manufacturing granules, briquettes and for grazing;
- perennial herbs, without protecting plants, sown during the current year, including the winter seeding from the last year;
- perennial herbs sown during the previous years.

3.2.2. **Unit of measure**

Sown areas are expressed in hectares (ha) and thousand hectares (thou ha).

Gross harvest is expressed in quintals and thousand tons (thou t).

Average yield is expressed in quintals per 1 hectare (q/ha).

3.2.3. **Computation formula**

Sown areas for all types of holdings and by categories of holdings = \sum sown areas separately by agricultural crops or by groups of crops;

Gross harvest for all types of holdings and by categories of holdings = \sum gross harvest separately per agricultural crops or groups of crops;

Average yield per 1 hectare for all types of holdings and by categories of holdings:

- **for agricultural crops** = *gross harvest / harvested area* (separately by agricultural crops);
- **for perennial plantations (fruits, berries, nuts, and grapes)** = *gross harvest from the fruitage area / fruitage area*;

Structure of areas sown with agricultural crops (%)

- **Share of the crop (separately by crops) in the total area sown with agricultural crops** = the sown area of the crop / total area sown with agricultural crops X 100;
- **Share of the crop (separately by crops) in the group (cereals and leguminous, technical crops, potatoes, vegetables and melons, forage crops)** = sown area of the crop / sown area of the group of crops X 100;

Quantity of chemical fertilizers incorporated recalculated to 100% nutrients – is determined by the multiply of the quantity of fertilizers in physical mass to the percentage of active nutrient content divided to 100.

Chemical or natural fertilizers introduced per 1 hectare of seeding under the harvest of the year ___ on total agricultural crops or separately on crops = quantity of chemical or natural fertilizers incorporated recalculated to 100% nutrients / sown area.

3.3. Used classifications

The following classifiers are used to collect and process primary information:

- **Classifier of Activities in the Economy of Moldova** (CAEM-2), approved by the Order of the National Bureau of Statistics no. 28 of May 7, 2019. Implemented from May 7.
- **Classifier of the organizational-legal forms of the economic agents from the Republic of Moldova** (CFOJ), approved by the Moldova-Standard Decision no. 1607-ST of 11.09.2004. Implemented from 01.01.2005.
- **Classifier of Administrative-Territorial Units of the Republic of Moldova** (CUTAM), approved via the Moldova-Standard Decision No. 570 dated 07.19.2017; in force since 01.01.2018.

Generalized data are grouped in accordance with **Classifier of Administrative-Territorial Units of the Republic of Moldova** (CUATM), approved via the Moldova-Standard Decision No. 570 dated 07.19.2017; in force since 01.01.2018.

3.4. Scope

3.4.1. Sector coverage

All enterprises and organizations with legal personality and other agricultural holdings without legal personality, which own or use agricultural lands and carry out agricultural activity, regardless of the organizational-legal form and ownership.

3.4.2. Statistical population

The exhaustive surveys cover:

- agricultural enterprises and farms with agricultural land area of 10 ha or 50 ha and over, depending on the survey (covered in exhaustive surveys - see p.3.1);
- enterprises and organizations which procure agricultural products (exhaustive survey on procurement of agricultural products);
- farms with agricultural land area up to 10 ha and households covered in sample surveys (see SAPS metadata).

3.4.3. Geographical coverage

Data are collected for the entire country, except for the localities from the left side of the river Nistru and Bender municipality.

3.4.4. Time coverage

Time series on the gross harvest of the main agricultural crops are available from 1950, some indicators - from 1913.

3.5. Disaggregation level

Final data for the plant sector is available:

By whole country and in territorial profile:

- a) for the whole country regarding:
 - sown areas and production of agricultural crops and total area, fructiferous area and production of perennial plantations on all holding's categories, by categories of holdings on an annual basis.
- b) as a total for the country, development regions, rayons, municipalities and ATU Gagauzia – data on:
 - sown areas and the obtained production of agricultural crops and the total area, the fructiferous area and the obtained production of perennial plantations - on agricultural enterprises and farms with the surface of agricultural lands of 10 ha and over;
 - the establishment of multi-annual plantations and the production of planting material - on agricultural enterprises and farms with an area of agricultural land of 10 ha and over, other

economic agents and individuals benefiting of subsidies;

- use of phytosanitary products and the incorporation of chemical and natural fertilizers - on agricultural enterprises and farms with an area of agricultural land of 50 ha and over;
- crop harvesting of agricultural cultures – for agricultural enterprises and farms with agricultural land area of 50 ha and over.

Restrictions: The primary reports are confidential (see p.7.1), their dissemination is not carried out and the data is aggregated to the minimum available level, which ensures the protection of the data confidentiality.

3.6. Dissemination frequency

Twice a year, annually (see details in p.3.7., 4.2.1.)

3.7. Timeliness

Twice a year:

- data on crop harvesting, in July and October by agricultural enterprises and farms with agricultural land area of 50 ha and over – the 7th working day of the month (July, October);
- data on establishment of perennial plantations and production of planting material – January 18 and June 15;

Annually – data on:

- sown areas with agricultural crops for the harvest of the year __ :
 - preliminary data – July 12,
 - final data – July 27.
- determined sown areas, harvested areas, average yield per hectare and gross harvest for the main agricultural crops; total areas, fructiferous areas under harvest, average yield and gross harvest of perennial plantations:
 - preliminary data – January 14,
 - final data – April 4.
- use of phytosanitary products and the incorporation of chemical and natural fertilizers – January 17;
- procurement of plant agricultural products – March 29.

3.8. Revision

The sown areas and the obtained production of agricultural crops and the total area, fructiferous area and the obtained production of perennial plantations on all categories of holdings, by categories of holdings with annual periodicity are preliminary and final.

3.9. Period of reference

The period of reference is the *calendar year (from January 01 until December 31)* and the cumulative period from the beginning of the year.

4. Data Collection and Processing

4.1. Data source

4.1.1. Statistical surveys

Exhaustive surveys:

- Information regarding agricultural land owners, as of May 1, 202_
- Total seeding for the harvest of the year 202_;
- Establishment and clearing of perennial plantations, production of planting material;
- Crop harvesting;
- Procurement and use of agricultural production

- Use of phytosanitary products and the incorporation of chemical and natural fertilizers for the harvest of the year 202_;
- Obtained production of corps harvested on the entire sown area.

Sample surveys:

Survey of Small Agricultural Producers' Agricultural Activity (SAPS).

4.1.2. Administrative sources

The administrative data sources are used to develop statistical data:

- Land Cadastre of the Republic of Moldova, developed by the Land Relations and Cadastre Agency;

4.1.3. Estimations

It is applied to the elaboration of the quarterly and annual calculations of the vegetal agricultural production in the sector of the small agricultural producers (households and of the farms with the surface of the agricultural lands up to 10 ha).

4.2. Characteristics of the statistical survey/administrative sources

4.2.1. Objective and background

Survey "Crop harvesting from total sown area" (form. no. 29-agr, twice per year)

Survey objective: *to obtain statistical data regarding the rhythm of agricultural crops' harvesting.*

Main indicators: *gross harvest and average yield per hectare of agricultural crops, harvested areas, harvesting rhythm.*

Survey frequency – *twice per year (July, October).*

Data collection modality: *through submission of statistical reports by the respondents.*

Survey type: *exhaustive.*

Presentation criteria: *enterprises and organization producing agricultural products regardless of the organizational-legal forms and ownership type, as well as farms with agricultural land area of 50 ha and over.*

Number of units covered in the survey in 2021 - *3878 agricultural enterprises and farms.*

Level of disaggregation of disseminated data: *for the country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia; by categories of holdings.*

Survey "Establishing and clearing of perennial plantations, production of planting material" (form. no. 2-liv-vii)

Survey objective: *to obtain statistical data on planting and clearing perennial plantations and production of planting material.*

Main indicators: *planting, clearing, and repairing the gaps from orchards, vineyards, and nut plantations, production of planting material.*

Survey frequency – *twice a year (in June and December).*

Data collection modality: *through submission of statistical reports by economic agents included in the survey.*

Survey type: *exhaustive.*

Presentation criteria: *enterprises and organizations producing agricultural products, regardless of the organizational-legal form and ownership type, as well as farms with agricultural land area of 10 ha and over, other economic agents and physical persons who have received subsidies*

Number of units covered in the survey in 2021 - 258 primary reports.

Disaggregation level of disseminated data: *for the country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia; by categories of holdings.*

Survey “Total seeding for the harvest of the year 202_” (form. no. 4-agr)

Survey objective: *to obtain statistical data on areas sown with agricultural crops.*

Main indicators: *areas sown with agricultural crops; structure of areas sown with agricultural crops.*

Survey frequency – *annually (in June)*

Data collection modality: *through submission of statistical reports by respondents.*

Survey type: *exhaustive.*

Presentation criteria: *enterprises and organizations producing agricultural products regardless of the organizational-legal form and ownership type, as well as farms with agricultural land area of 10 ha and over.*

Number of units covered in the survey in 2021 – 5860 primary reports.

Disaggregation level of disseminated data:

preliminary data – *for the country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia - on agricultural enterprises and farms with agricultural land area of 10 ha and over; by categories of holdings covered in the survey.*

final data – *for the country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia – on agricultural enterprises and farms with agricultural land area of 10 ha and over; categories of holdings covered in the survey.*

Survey “Use of phytosanitary products and the incorporation of chemical and natural fertilizers for the harvest of the year 202_” (form. no. 9-agr)

Survey objective: *obtaining statistical data regarding the use of plant protection products, quantity of chemical and natural fertilizers incorporated for the harvest of the year 202_.*

Main indicators: *quantity of phytosanitary products and quantity of chemical and natural fertilizers incorporated for the harvest of the year 202_, fertilized areas, chemical and natural fertilizers introduced per 1 hectare.*

Survey frequency – *annually (in December)*

Data collection modality: *through submission of statistical reports by respondents.*

Survey type: *exhaustive.*

Presentation criteria: *enterprises and organizations producing agricultural products, regardless of the organizational-legal forms and ownership type, as well as the farms with agricultural land area of 50 ha and over.*

Number of units covered in the survey in 2021 – 3812 primary reports.

Disaggregation level of disseminated data: *for the country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia by agricultural enterprises and farms with agricultural land area of 50 ha and over.*

Survey „Obtained production of crops harvested on the whole sown area” (form. nr. 29-agr (annual))

Survey objective: *to obtain statistical data on production obtained for the crops harvested on the entire*

sown area.

Main indicators: *determined sown areas, harvested areas, real harvest in physical harvesting mass, real harvest in finishing mass, production obtained on consecutive and repeatedly seeding in physical harvesting conditions, average yield of agricultural crops, total area of perennial plantations, area under harvest of the perennial plantations, really obtained production from the whole area of perennial plantations, really obtained production from the area under harvest of the perennial plantations, average yield per hectare of fruits, grapes, and berries, protected lands, sale of flowers.*

Survey frequency – *annually (in December)*

Data collection modality: *through submission of statistical reports by respondents.*

Survey type: *exhaustive.*

Presentation criteria: *enterprises and organizations producing agricultural products, regardless of the organizational-legal forms and ownership type, as well as the farms with agricultural land area of 10 ha and over.*

Number of units covered in the survey in 2021 - *5850 primary reports.*

Disaggregation level of disseminated data:

preliminary data – *for the whole country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia - on agricultural enterprises and farms with agricultural land area of 10 ha and over; by categories of holdings covered in the survey.*

Final data – *for the whole country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia - on agricultural enterprises and farms with agricultural land area of 10 ha and over; by categories of holdings covered in the survey.*

Survey “Procurement and use of agricultural production for year 202_ (form. no. 1 – achiz)

Survey objective: *to obtain statistical data regarding the procurement and use of agricultural production.*

Main indicators: *total of procured plant and animal production – quantity and value, of which from agricultural enterprises (quantity and value) and from physical persons, including farms (quantity and value), (quantity of production received as raw material, which belongs to the client (quantity), cost price for 1 quintal of procured production, use of agricultural production.*

Survey frequency – *annually (in December)*

Data collecting modality: *through submission of statistical reports by respondents.*

Survey type: *exhaustive.*

Presentation criteria: *enterprises (organizations) which procure and process agricultural production (raw material).*

Number of units covered in the survey in 2021 - *411 primary reports.*

Disaggregation level of disseminated data: *for the country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia.*

Survey „Information regarding agricultural land owners, as of 1st of May 202_ (form. No. 3-agr)

Survey objective: *to obtain statistical data regarding agricultural land owners.*

Main indicators: *Information about land owners by categories of owners, and legal forms of economic agents.*

Survey frequency: *annual (in May).*

Data collecting modality: *through submission of statistical reports by local administration.*

Survey type: *exhaustive*.

Presentation criteria: *administration of villages (towns), ATU Gagauzia.*

Number of units covered in the survey in 2021 - *870 primary reports.*

Disaggregation level of disseminated data: *for the country and in territorial profile: by development regions, rayons, municipalities and ATU Gagauzia.*

4.2.2. Statistical unit

Observation unit is the legal entity or physical persons who own or hold in use agricultural land and carry out agricultural activity:

- agricultural enterprises and farms with agricultural land area of 10 ha or 50 ha and over (covered in exhaustive surveys, depending on the survey - see p.4.2.1.),
- farms with agricultural land area of up to 10 ha and individual households (covered in sample surveys - see p.4.2.1.),
- enterprises and organizations procuring agricultural products (covered in the exhaustive survey on procurement and use of agricultural products).

4.2.3. Circle of units covered in the survey

The circle of units covered in profile by surveys is presented in p. 4.2.1.

4.2.4. Survey frequency

- Twice a year (in July, October) - statistical survey on the harvest of agricultural crops on the entire sown area;
- Semester - statistical surveys on the establishment and clearing of perennial plantations, production of planting material;
- Annual - statistical surveys on the production obtained from crops harvested from the entire sown area, the acquisition and use of agricultural production;
- • Once a year - statistical surveys on agricultural landowners, as of May 1; sowing totals for harvest; use of reserve fund land; use of phytosanitary products and the introduction of chemical and natural fertilizers.

4.2.5. Data collection

Data are collected through:

- self-registration – for the agricultural enterprises and farms with agricultural land area of 10 (50) ha and over, as well as the enterprises procuring agricultural products;
- interview – within the sampling statistical survey of farms with agricultural land area of up to 10 ha and households (SAPS).

4.3. Processing and compilation of data

4.3.1. Data validation

Data are verified and analyzed regarding quality, especially the internal coherence, temporal and coherence with other data.

Information application is used to ensure the verification of data regarding the observance of the entire set of validation conditions (logical and arithmetical):

- of the logical and arithmetical ways from the reports;
- of the data from the reports.

The logical and arithmetical control conditions at the report level aim: to follow and verify the logical flows/ways from reports; to observe the correlations between tables, to codify correctly the reports.

The aim of the conditions for verifying the integrity is to follow the correlation and to check the data from the reports.

4.3.2. Compilation/extrapolation of data

Data are compiled based on the centralization of information obtained within the statistical surveys.

4.3.3. Adjustments

No adjustments are made.

4.3.4. Quality assurance

The quality of statistical data is assured by compliance with the Fundamental Principles of Official Statistics approved by the UN General Assembly on 29 January 2014, as well as those set forth in the Law on Official Statistics of the Republic of Moldova no. 93 of 26 May 2017.

In its activity of producing statistical information, NBS pays huge importance to ensuring high quality of data.

In this aim, a number of measures for quality assurance are carried out at every stage of the statistical process: organization of statistical surveys, collection, processing, and elaboration of statistical information.

Important efforts are undertaken to ensure the plenitude and quality of data presentation by the economic agents and households.

Errors, inconsistencies, and suspicious data are brought to light so as to be verified and corrected.

The primary data are verified and analyzed regarding internal coherence (within the statistical questionnaire), temporal coherence (with data from previous periods) and administrative data sources.

4.4. Data accuracy

4.4.1. Non-response rate

On exhaustive statistical surveys - not applicable. It is applicable on SAPS (see SAPS metadata).

4.4.2. Sampling errors

On exhaustive statistical surveys - not applicable. It is applicable on SAPS (see SAPS metadata).

5. Comparability and Coherence

5.1. International comparability

Information on statistics of crop production and agricultural lands is elaborated in line with the international standards in the area, except for:

- classification of agricultural crops. At the same time there is the possibility to group the agricultural crops through passing keys, in line with FAO UN and EU recommendations.

5.2. Comparability over the time

Data are comparable over the time.

5.3. Coherence with other statistics

There are differences between the data on areas of vineyards and orchards with the data from the Land Cadastre, because different methods are used to estimate the area of perennial plantations in households.

6. Institutional Mandate (normative-legal basis)

The NBS activity is based on respecting the Republic of Moldova Constitution, the Law on Official Statistics No. 93 dated 26.05.2017, other legislative and normative acts, NBS management decisions and orders.

The Law on Official Statistics regulates the organization and operation of the unique system of official statistics, establishing the general principles for collecting, processing, centralizing, disseminating, and stocking statistical information (art.1).

Art. 5 of the Law provides that the production of statistical information is based on respecting the fundamental principles of official statistics: professional independence, impartiality, objectiveness, relevance, transparency, confidentiality, cost-efficiency etc.

Being the central statistical body, the National Bureau of Statistics is an administrative authority created

under the Government for leading and coordinating the activity in the statistics area.

In accordance with Government Decision 935 of 24.09.2018 on the organization and operation of the NBS, the Bureau exercises the following tasks:

- 1) Coordinates the national statistical system on the development and production of official statistics;
- 2) Elaborates and implements strategies for the development of the national statistical system, annual and multiannual statistical programs;
- 3) Elaborates the normative and institutional framework necessary for the achievement of the strategic objectives in its field of activity, as well as the mechanisms for their implementation in practice;
- 4) Performs the management and control of the achievement in quality conditions of the programs and statistical plans adopted at central and regional level;
- 5) Harmonizes and aligns national statistical indicators, methodologies, methods and techniques with international regulations and standards;
- 6) Promotes the statistical culture in the society.

The legislative and normative acts ruling the activity of the NBS are available on its official page www.statistica.gov.md, under About NBS (<http://www.statistica.gov.md/pageview.php?l=en&idc=323&>)

7. Confidentiality

7.1. Principles

According to art. 19 of the Law on Official Statistics No. 93 dated 26.05.2017, producers of official statistics shall take all regulatory, administrative, technical and organizational measures to protect confidential data and prevent their disclosure.

Chapter VII of the above-mentioned law stipulates that the data collected, processed and stored for the production of statistical information are confidential if they allow the direct or indirect identification of the respondents) The following shall not be considered confidential:

- a) data that can be obtained from publicly accessible sources according to the legislation;
- b) individual data on address, telephone number, name, type of activity, number of employees of legal entities and individual entrepreneurs;
- c) data referring to public enterprises, institutions and organizations funded from the budget, submitted at the request of the public administration authorities.

According to the Law on Official Statistics, art. 20, access to confidential information is granted to the persons who, according to their official functions, participate in the production of statistical information shall have access to individual data in so far as individual data are necessary for producing this information.

The same article stipulates that the access to individual data, which do not allow the direct identification of respondents, may be given for scientific survey projects, whose expected results do not refer to identifiable individual units, under the regulation approved by the central statistical authority.

Art. 23 (5) of the Law stipulates that the the statistical information cannot be disseminated to users if it refers to 1-3 statistical units.

7.2. Practical assurance of the confidentiality rules

To ensure the protection of confidential statistical data in compliance with the Law on Official Statistics No. 93 dated 26.05.2017, the National Bureau of Statistics undertakes all the regulatory, administrative, technical, and organizational measures to protect the confidential statistical information and prevent its disclosure.

In compliance with the above-mentioned law, the employees of producers of official statistics, including temporary employees who, according to their official functions, have direct access to individual data shall be obliged to observe the confidentiality of these data during and after termination of employment.

Before being disseminated, the statistical data are verified if they meet the protection requirements set for confidential data. If the statistical data contain confidential information (see p.7.1), they are not disseminated, but aggregated at the minimum available level which ensures the protection of data

confidentiality.

8. Access to Information and Dissemination Format

8.1. Access to information

8.1.1. Calendar of statistical publications

Annually the Dissemination calendar is developed by NBS.

8.1.2. Access to the calendar of statistical publications

The Dissemination calendar is posted on the NBS official page www.statistica.gov.md.

8.1.3. Access to statistical data

According to the Law on Official Statistics No. 93 dated 26.05.2017, art. 23:

- a) Producers of official statistics shall be obliged to disseminate the statistical information within the deadlines specified in the programme of statistical works and in the Dissemination calendar.
- b) The dissemination of statistical information laid down in the Programme of Statistical Works to all categories of users shall be made free of charge and under equal access conditions in terms of volume, quality and time of dissemination

The Program of Statistical Work may be accessed on the web page www.statistica.gov.md, under About NBS / legislative and normative acts (<http://www.statistica.gov.md/pageview.php?l=en&idc=323&>).

The NBS web page www.statistica.gov.md represents the most important information source for ensuring users' access to different statistical information and transparency about the NBS activity.

All the operative information, informative notes, time series, as well as the statistical publications developed by NBS are placed on its official web page.

8.2. Dissemination format

8.2.1. Operative information / Analytical notes

The operative information and analytical notes are published on the official page of NBS: <http://www.statistica.gov.md> under Press Releases, according to the Press Release Calendar.

8.2.2. Publications

Publications developed by NBS containing statistical data on agriculture:

- Statistical Yearbook of the Republic of Moldova;
- Territorial Statistics;
- Statistical pocket-book “Moldova in Figures”;
- Periodical publication “Quarterly Statistical Bulletin”;
- Compilation “Agricultural activity of the small agricultural producers in the Republic of Moldova”;
- Compilation “General Agricultural Census 2011 in the Republic of Moldova, main results”;
- 1st volume of General Agricultural Census 2011 – final data at national level;
- 2nd volume of General Agricultural Census 2011 – general results in territorial aspect;
- Thematic studies regarding viticulture in republic of Moldova;
- Thematic studies regarding agricultural exploitations with agricultural buildings, technical means and equipment.

Access to publications:

- in electronic format, on NBS official page www.statistica.gov.md, under Products and services / Publications <http://www.statistica.gov.md/pageview.php?l=en&idc=350&nod=1&>)
- in hardcopy format – in NBS library (more details at the address <http://www.statistica.gov.md/libview.php?l=en&idc=340&id=2400>)
- or may be procured at the NBS office (more details at the address www.statistica.gov.md, under Publications <http://www.statistica.gov.md/pageview.php?l=en&idc=350&id=2219>)

8.2.3. Databases/time series

- **Statistical databank** <http://statbank.statistica.md>, under Economic statistics / Agriculture / Plant production
- **NBS official page:** <http://www.statistica.gov.md> under:
 - *Press Releases;*

- *Statistics by themes / Economic statistics / Agriculture / Plant production;*
- *Products and Services / Publications.*

8.2.4. Questionnaires/data sent upon request from international organizations

International questionnaires UN FAO, Eurostat, Statistical Committee of CIS, etc.

8.2.5. Requests for additional data

NBS makes available for users additional statistical information beyond the data presented in the statistical publications, informative notes, operative information, as well as the data placed on the official web page in the limits of available information, in line with the Law on Official Statistics. Request can be sent personally, by post, by e-mail moldstat@statistica.gov.md or via online web form – www.statistica.gov.md heading Products and services / Statistical data request

9. Useful References (links)

9.1. Accessibility of documentation on methodology

The concepts and definitions are available on the official page and can be accessed at:
<https://statistica.gov.md/pageview.php?l=en&id=2245&idc=351>

9.2. Accessibility of documentation on Evaluation Reports

The NBS assessment reports are available on the official page www.statistica.gov.md, under About NBS / Assessments and Opinions on NBS / Assessment Reports (<http://www.statistica.gov.md/pageview.php?l=en&idc=399&id=2739>).

9.3. Accessibility of information on user surveys

User's opinion surveys are available on the official page www.statistica.gov.md, under About NBS / Assessments and Opinions on NBS / User Surveys (<http://www.statistica.gov.md/pageview.php?l=en&idc=399&id=2740>).

9.4. Other useful references

FAO UN database	https://www.fao.org/statistics/databases/en/
EUROSTAT database	http://epp.eurostat.ec.europa.eu/portal/page/portal/statistics/search_database
UNData database	http://data.un.org/Browse.aspx