



Agency for Strategic planning
and reforms of the
Republic of Kazakhstan
Bureau of National statistics

Quality report

*On the activities of agricultural formations in the
Republic of Kazakhstan*

Content

S.1 Contact details

S.2 Introduction - Relevance

S.3 Updating metadata

S.4 Presentation of statistical information

S.5 Unit of measurement

S.6 Reporting period

S.7 Legal basis

S.8 Confidentiality and data protection

S.9 Publication Policy

S.10 Frequency of propagation

S.11 Dissemination format, accessibility and clarity

S.12 Availability of Documentation

S.13 Quality management

S.14 Relevance

S.15 Accuracy and reliability (to be completed taking into account the type of observation)

S.16 Timeliness and punctuality

S.17 Comparability

S.18 Consistency

S.19 Load

S.20 Revision of data

S.21 Processing of statistical data

S.22 Notes

S.1 Contact details

S.1.1 Organization

Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan

S.1.2 Structural subdivision

Department of Production and Environment Statistics

S.1.3 Name of contact person

Mazhirova Aisaule Magzumovna

S.1.3.1 Name of the head of the responsible structural unit

Shauenova Asel Saukymbekkyzy

S.1.5 Postal address of the contact person

010000, Kazakhstan, Nur-Sultan, Left bank of the Ishim river, Mangilik el street, 8, House of Ministries, entrance 4

S.1.6 Contact email address

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S. 1.7 Telephone number of the contact person

8(7172)74-97-75

S.2 Introduction-Relevance

National statistical observation of the activities of agricultural formations in the Republic of Kazakhstan is organized with the aim of forming the main indicators characterizing agricultural activities in the Republic of Kazakhstan. The data characterizing agricultural activity is formed for the reporting year in the context of types of agricultural products in accordance with the Statistical Directory of Products (Services) of Agriculture, Forestry and Fisheries (hereinafter referred to as the SCPS).

Based on the observation results, such basic indicators are formed as:

cost of agricultural products sold;

gross profit from the sale of agricultural products;

the cost of 1 centner of agricultural products sold;

agricultural production costs;

the level of profitability (loss ratio) of agricultural products.

Statistical observation data are used to calculate the aggregate value indicator in agricultural statistics "Gross output of products (services) in agriculture, forestry and fisheries" for the purposes of the system of national accounts.

The main users of the statistical bulletin "On the activities of agricultural enterprises in the Republic of Kazakhstan" are the Government of the Republic of Kazakhstan, the Ministry of Agriculture of the Republic of Kazakhstan, as well as other state bodies, international organizations, business environment, research institutes and a number of other users.

Feedback from users is carried out through the blog of the Minister of National Economy of the Republic of Kazakhstan on the website of the Ministry of National Economy of the Republic of Kazakhstan (www.economy.gov.kz), as well as through official requests, e-mail or phone. In addition, every year in the Committee on Statistics of the Ministry of National Economy of the Republic of Kazakhstan, meetings of working groups (focus groups) are held, with the participation of potential users and respondents, representatives of interested state bodies, as well as the National Chamber of Entrepreneurs "Atameken", at which indicators of national statistical observations for their relevance and the presence of duplication with indicators of departmental statistical forms and forms of administrative sources.

S.3 Updating metadata

S.3.1 Latest confirmation of updated metadata

12/13/2019

S.3.2 Last Placement of Metadata

12/13/2019

S.3.3 Latest metadata update

13.12.2019

S.4 Presentation of statistical information

S.4.1 Data description

The main indicators of the crop and livestock industry are formed in physical and value terms by categories of farms, by crops and by types of livestock products, in the country as a whole and in the context of regions, cities of republican significance and the capital.

S.4.2 Classification system

The following statistical classifiers are used:

- 1) OKED - General classifier of economic activities;
- 2) KATO - Classifier of administrative-territorial objects;
- 3) KSP - Directory of statistical indicators (not posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan);

- 4) SKPSH - Directory of products (services) of agriculture, forestry and fisheries;
- 5) MKEI - Interstate classifier of units of measurement and counting and a directory of units of measurement not included in table 1 MKEI;
- 6) RAS - Directory of categories of agricultural producers and participants in the grain market (not posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan);
- 7) SVZT - Directory of cost types (not posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan);
(Posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the "Classifiers" section).

S.4.3 Sectoral coverage

Agricultural enterprises with primary and secondary economic activity (hereinafter - OKED) 01.1, 01.2, 01.3, 01.4, 01.5 are surveyed; individual entrepreneurs, including peasant or farm enterprises, with primary or secondary types of economic activity according to OKED codes 01.1, 01.2, 01.3, 01.4, 01.5 with more than 100 employees; also included in the sample are individual entrepreneurs, including peasant or farm enterprises, with primary or secondary economic activities according to OKED codes 01.1, 01.2, 01.3, 01.4, 01.5 with up to 100 employees.

S.4.4 Statistical concepts and definitions

1. Type of observation - continuous and selective.

2. The circle of respondents:

- all legal entities and (or) their structural and separate subdivisions with primary or secondary types of economic activity according to the codes of the General Classifier of Economic Activities (hereinafter - OKED) 01.1, 01.2, 01.3, 01.4, 01.5 are examined by the continuous method: all individual entrepreneurs, including peasant or farm enterprises, with primary or secondary economic activities according to OKED codes 01.1, 01.2, 01.3, 01.4, 01.5 with more than 100 employees;

- sampling method is surveyed: annually included in the sample individual entrepreneurs, including peasant or farms, with the main or secondary types of economic

activities under OKED codes 01.1, 01.2, 01.3, 01.4, 01.5 with up to 100 employees;

Submission deadline is March 10 (inclusive) after the reporting period.

3 . Data collection toolkit is a statistical form of nationwide statistical observation "Report on the activities of an agricultural formation" (index 1-cx, annual frequency). The statistical form is available on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section "For respondents".

Statistical definitions:

cost of agricultural products sold - monetary expression of the costs of production and sale of agricultural products; gross profit from the sale of agricultural products - the difference between the income from the sale of agricultural products and its cost. Calculated before deducting expenses, payroll, taxes and interest payments; the cost of 1 centner of agricultural products sold is determined by dividing the total cost of agricultural products sold by the amount of agricultural products sold; costs of agricultural production - all costs of funds and labor for the cultivation and cultivation of crop products, growing, rearing and fattening of livestock and poultry, including the services of third-party organizations related to the production of agricultural products; the level of profitability (loss-making) of agricultural products - the degree of efficiency in the use of material, labor and monetary resources, as well as natural resources in the production of agricultural products. It is defined as the ratio of gross profit to the cost of agricultural products sold.

S.4.5 Statistical object

A statistical object is all legal entities and (or) their structural and separate divisions with primary or secondary economic activities according to the codes of the General Classifier of Economic Activities, all individual entrepreneurs, including peasant or farm enterprises, with primary or secondary economic activities according to OKED codes 01.1, 01.2, 01.3, 01.4, 01.5 with more than 100 employees; individual entrepreneurs included in the sample, including peasant or farm enterprises, with primary or secondary economic activities according to OKED codes 01.1, 01.2, 01.3, 01.4, 01.5 with up to 100 employees.

S.4.6 General population (principle of selection of survey units)

Populations for the survey are formed on the basis of the Agricultural Statistical Register. When conducting statistical observations: covered by the continuous method: all legal entities and (or) their structural and separate subdivisions with primary or secondary types of economic activity according to the codes of the General Classifier of Economic Activities (hereinafter - OKED) 01.1, 01.2, 01.3, 01.4, 01.5; all individual entrepreneurs, including peasant or farm enterprises, with primary or secondary economic activities according to OKED codes 01.1, 01.2, 01.3, 01.4, 01.5 with more than 100 employees and a sample method 30% of individual entrepreneurs, including peasant or farm enterprises, with main or secondary types of economic activity according to OKED codes 01.1, 01.2, 01.3, 01.4, 01.5 with the number of employees up to 100 people.

S.4.7 Territorial coverage

Republic of Kazakhstan (all regions, cities of republican significance, the capital).

S.4.8 Time coverage

The main indicators of form 1-cx "On the activity of agricultural formation" have been formed since 2001.

S.4.9 Base period

Year preceding the reporting year.

S.5 Unit of measurement

Thousand tenge Kazakh

S.6 Reporting period

year

S.7 Legal basis

S.7.1 Legal framework

1. Law of the Republic of Kazakhstan dated March 19, 2010 No. 257-IV "On state statistics".
2. Rules for the provision of primary statistical data by respondents, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 9, 2010 No. 173.
3. Rules for the submission of administrative data by administrative sources on a gratuitous basis, approved by the order of the Acting Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 14, 2010 No. 183.
4. The plan of statistical work, approved in accordance with the established legislative procedure of the Republic of Kazakhstan by order of the Minister of National Economy of the Republic of Kazakhstan.
5. Schedule for the dissemination of official statistical information, approved by the order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.
6. Rules for the provision of statistical information on a gratuitous basis that is not provided for by the schedule for the dissemination of official statistical information and developed on the basis of primary statistical data submitted by respondents in accordance with the schedule for submitting primary statistical data by respondents, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics of May 20, 2010 No. 113.

7. Rules for the provision and use for scientific purposes of databases in a de-identified form, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 2, 2010 No. 168. Registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388.

8. "Methodology for conducting sample surveys in crop and livestock production", approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated November 10, 2017 No. 164 and registered with the Ministry of Justice of the Republic of Kazakhstan on November 28, 2017 year No. 16021.

S.8 Privacy and data protection

S.8.1 Privacy Policy

1. Article 8 of the Law of the Republic of Kazakhstan dated March 19, 2010 "On State Statistics", in accordance with which a guarantee of confidentiality and protection of the submitted data by respondents is ensured.

2. Article 28 of the Entrepreneurial Code of the Republic of Kazakhstan dated October 29, 2015 ensures the protection of information constituting a commercial secret.

3. Information security policy (hereinafter referred to as the Policy) approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated October 31, 2016 No. 252 defines the goals, objectives, guidelines and practical techniques in the field of ensuring information security of the Committee. The main goal of the Policy is to ensure the availability of official statistical information, confidentiality of information stored and processed on the computer equipment of the Committee under the conditions of its integrity and authenticity.

S.8.2 Privacy - data handling

The rules for the provision and use for scientific purposes of databases in a de-identified form, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 2, 2010 No. 168. Registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388.

S.9 Publication Policy

S.9.1 Publication Calendar

Clause 1, Clause 2 of Article 26 of the Law of the Republic of Kazakhstan "On State Statistics" dated March 19, 2010 No. 257. The statistical work plan and the Schedule for the dissemination of official statistical information are posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section "Home" / "Basic documents".

S.9.2 Access to the Graph

The schedule for the dissemination of official statistical information is posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section "Home" / "Basic documents".

S.9.3 User access

Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz. Official statistics> By industry> Statistics of agriculture, forestry, hunting and fishing> Bulletins> On the activities of agricultural formations in the Republic of Kazakhstan.

S.10 Propagation frequency

year

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

not

S.11.2 Publications

1) The statistical bulletin "On the activities of agricultural formations in the Republic of Kazakhstan" is published annually on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz. Placed in the section Official statistics / Statistics of agriculture, forestry, hunting and fisheries / Publications.

2) The statistical digest "Agriculture, forestry and fisheries in the Republic of Kazakhstan" is published annually on the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz.

T. 11.3 Online databases

IAS "Taldau" in the section "Statistics of agriculture, forestry, hunting and fishing".

S.11.3.1 AC1. Data tables-consultation

Not implemented.

S.11.4 Microdata access

The rules for the provision and use for scientific purposes of databases in a de-identified form, approved by order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 2, 2010 No. 168. Registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388.

S.11.5 Other

Not implemented.

S.11.5.1 AC2. Metadata consultation

Not implemented.

S.12 Availability of Documentation

S.12.1 Methodology documentation

1. "Methodology for conducting sample surveys in crop and livestock production" approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated November 10, 2017 No. 164 and registered with the Ministry of Justice of the Republic of Kazakhstan on November 28, 2017 year No. 16021. Available on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section Official statistics / By industries / Statistics of agriculture, forestry, hunting and fisheries / Methodology and on the website www.adilet.kz.

2. Appendix 19 "Instructions for filling out the statistical form of national statistical observation" Report on the activities of agricultural formation "(index 1-cx, annual frequency), approved by the order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan from November 20, 2017 No. 180 and registered with the Ministry of Justice of the Republic of Kazakhstan on December 11, 2017 No. 16070. Available on the website Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section For of respondents> Statistical forms for 2020> Annual forms> 1-cx.

S.12.2 Quality documentation

1. Policy in the field of quality, approved by the order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated April 23, 2015 No. 67;

2. Objectives in the field of quality Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan, Objectives in the field of quality of the relevant structural unit.

3. Documented information of the quality management system:

Quality guide; Documented procedures; Instructions; Process maps;

4. Standard methodology for describing the process of production of statistical information by state bodies, approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated March 30, 2015 No. 53;

5. Methodology for assessing the quality of official statistical information, approved by the Order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated May 23, 2018 No. 63.

S.13 Quality management

S.13.1 Quality assurance

The quality and reliability of agricultural statistics data is supported by generally accepted procedures:

- compliance with the basic principles of primary accounting;
- use of standard statistical classifications;
- at the stages of collection and processing of primary data, all control schemes (format-logical, arithmetic) have been developed and implemented;
- to confirm the reliability of primary data, the possibility of obtaining additional information from respondents is legally enshrined.

S.13.2 Quality control

Not implemented.

S.14 Relevance

S.14.1 Needs

The main users of information are the Government of the Republic of Kazakhstan, government agencies (Ministry of National Economy of the Republic of Kazakhstan, Ministry of Agriculture of the Republic of Kazakhstan and others), research institutes, international organizations (FAO, CIS, EEC and others) and individuals.

S.14.2 User satisfaction

On an annual basis, a survey of users of official statistical information is carried out according to the questionnaire Q-002 "Survey of users".

S.14.3 Completeness / R1. Data completeness-share

S.15 Accuracy and reliability (to be completed according to the type of observation)

S.15.1 Overall accuracy

The accuracy of the initial data is controlled by adherence to methodological recommendations.

S.15.2 Sample errors - indicators / A1.

The relative standard error of the sample is 1.3%.

S.15.3 Non-sampling error

All format-logical controls are corrected during the collection of the report.

S.15.3.1 Coverage error

for 2019, the coverage of reporting respondents was 92.6%.

S.15.3.1.1 A2. Overcoverage-share

Not applicable.

S.15.3.1.2 A3. Common units-ratio

Not applicable.

S.15.3.3 No response errors

S.15.3.3.1 A4. Absence unit-share

Not applicable.

S.15.3.3.2 A5. No response-share clause

The number of unreported respondents for 2019 is 7.4% of the catalog.

S.16 Timeliness and punctuality

S.16.1 Timeliness

S.16.1.1 TP1 Waiting period - first results

The time spent on processing the first results, from the term of submission by territorial statistical bodies to the first publication, is on average 15 days. The Bulletin is published annually on April 30, data are preliminary and published on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz. Official statistical information> Operational data (express information, bulletins)> Statistics of agriculture, forestry, hunting and fishing> Bulletins. The release dates were approved and published in the Statistical Work Plan and the Schedule for the Dissemination of Official Statistical Information.

S.16.1.2 TP2. Waiting Period - Latest Results

The results are final.

S.16.2 Punctuality

S.16.2.1 Punctuality / TP3

The data are published and disseminated in accordance with the Schedule for Dissemination of Official Statistical Information (approved annually by order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan). The terms of publications are set in the Plan of statistical works (approved annually by order of the Minister of National Economy of the Republic of Kazakhstan and registered with the Ministry of Justice of the Republic of Kazakhstan).

Actual and planned dates coincide, there was no disruption to the publication dates for 2019. The release of the publication is postponed to the next business day if the publication falls on a public holiday or weekend.

S.17 Comparability

S.17.1 Geographic comparability

Within the territory of the Republic of Kazakhstan.

S.17.1.1 Asymmetry in mirror flow statistics-coefficient / CC1

Not

S.17.2 Length of comparable time series / CC2

The dynamic range has been continuous since 2001.

S.18 Consistency

S.18.1 Consistency, external, cross

The obtained data are used by the Ministry of Agriculture of the Republic of Kazakhstan, research institutes. According to the Methodology of gross output of products (services) in agriculture, forestry and fisheries and volume indices, the experience of European countries in the field of agricultural statistics is applied, including the calculation of outputs and services in agriculture, using the example of the Statistical Office of Denmark.

S.18.2 Сogласованность внутренняя

"Methodology for Conducting Sample Surveys in Crop and Livestock Breeding" and Instructions for filling out the statistical form of national statistical observation "Report on the activities of agricultural formations" (index 1-x, annual frequency) have been agreed with all structural divisions of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan. For the formation of data on 1-cx, data from other structural units is not used.

S.19 Load

The collection of data on all legal entities and (or) their structural and separate divisions, individual entrepreneurs and peasant or farms with more than 100 employees is carried out electronically online, and at the request of the respondent, data can also be presented on paper. Data collection for individual entrepreneurs, peasant or farms and households in the sample is carried out by bypassing interviewers and, at the request of respondents, in electronic form online. When entering data, respondents are provided with automated arithmetic and logical controls, excluding the possibility of typical input errors. Data processing processes are automated using software systems, which provide for the control of input and output information. The number of respondents for 2019, 1-cx -45096 respondents.

S.20 Revision of data

S.20.2 Revision of data / A6

The last revision of the form is 2017, taking into account the proposal of the Ministry of Agriculture of the Republic of Kazakhstan.

S.21 Processing of statistical data S.21.1

Input data

Statistical information on the activities of agricultural formations in the Republic of Kazakhstan is formed on the basis of primary statistical data of national statistical observations of respondents who carry out agricultural activities in accordance with statistical observation in the form 1-cx "Report on the activities of agricultural formations" (index 1-cx, annual frequency). Also, the data set is based on a questionnaire survey (survey) of small peasant or private farms and households of the population. For this survey, the general population is formed from the Agricultural Statistical Register by the method of random sampling, containing data on small individual entrepreneurs, peasant or farms. At the same time, individual entrepreneurs and peasant or farm enterprises with more than 100 employees are excluded from the Agricultural Statistical Register for individual entrepreneurs and peasant or farm enterprises. The sample size for small individual entrepreneurs and peasant or farm enterprises is 30%.

S.21.2 Inspection frequency

year

S.21.3 Method (method) of collecting primary statistical data

Data collection is carried out on paper or in electronic form by filling out the statistical form 1-cx "Report on the activities of the agricultural formation". In electronic form, it is carried out through the use of the information system "Data collection in on-line mode" posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan (www.stat.gov.kz). The collection of data on small individual entrepreneurs and peasant or farm enterprises is completed by interviewers from the words of an individual entrepreneur or the head of a peasant or farm enterprise.

S.21.4 Reliability of primary statistical data

The reliability of the data is confirmed by primary reports, which are certified on paper by seals and signatures of top managers, and submitted in electronic form - by an electronic digital signature. On the part of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan, the quality of data is ensured by the use of arithmetic and logical control methods when checking primary reports. In case of revealing extreme values and sharp deviations, the respondent either confirms the data that raise doubts among the statistics authorities, or makes corrections in accordance with the procedure established by law.

S.21.5 Imputation - share / A7

Data editing methods are carried out in accordance with the "Methodology for data editing in production and environmental statistics" approved by the order of the Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated March 29, 2016 No. 51.

S.21.6 Adjustment

Not applicable.

S.21.6.1 Seasonal adjustment

Not applicable.

S.22 Notes

Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan, work to ensure data quality and increase user satisfaction with statistical data is carried out on an ongoing basis.

In this connection, based on the needs of users of statistical data on agriculture, further work will be carried out to ensure the quality and comparability of data at the international level.