



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

# Quality report

*Registered and operating producers of agricultural  
products*

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## 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

Office of Statistical Registers and Classifications

### S.1.3 Name of contact person

Dzhakenova Gulraikhan Karataevna

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

Isaev Darkhan Abdirakhmanovich

### S.1.5 Postal address of the contact person

010000, Nur-Sultan, Mangilik El avenue, 8, House of Ministries, 4 entrance

### S.1.6 E-mail address of the contact person

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### S.1.7 Contact telephone number

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## S.2 Introduction-Relevance

The Agricultural Statistical Register (hereinafter - AR) is intended for the formation and maintenance of a register for entities that produce agricultural products in the Republic of Kazakhstan.

The task of the SHR is the collection and accumulation of these data, their constant updating, processing, the formation of the general population for conducting sample surveys.

Updating the data in the storage system includes making changes and additions to the list of accounting units, their classification and economic attributes.

On the basis of the Statistical Business Register (hereinafter - SBR), the following types of updating of accounting units are performed automatically:

- 1) newly created agricultural enterprises, individual entrepreneurs, peasant or farm enterprises (hereinafter - KFH) are introduced;
- 2) changes are made to change the location (changes in the code of the administrative-territorial object);
- 3) changes are made according to the classification information: according to the situational code, according to the size of the enterprise, according to the number;
- 4) are added that have changed the main (or secondary) type of activity for the production of agricultural products;

- 5) those who have changed the main (or secondary) type of activity to another type are excluded;
- 6) liquidated agricultural enterprises, individual entrepreneurs in automatic mode, settlements in which there are no households at all are excluded;
- 7) there are cases of merger of agricultural enterprises, individual entrepreneurs, their division into several small peasant farms or amalgamation into one larger peasant farm, or a partnership, or re-registration of a production cooperative into several partnerships.
- 8) Household accounting is the main source of information in the formation of statistical data on the livestock population and sown areas of peasant farms and households. For accounting of households and peasant farms, rural akims use software for household accounting (hereinafter - PO EPHU) - this is an application software that allows the akim of a settlement, village, rural district to enter, correct and store household accounting data, as well as generate aggregated data based on the information entered.
- 9) Within the framework of household accounting on a semi-annual basis, work is being carried out to record the following indicators for each farm and household:
  - 10) - about household members (nationality, gender, educational level, students in educational institutions, employment status, source of livelihood);
  - 11) - information on the composition of the peasant farm;
  - 12) - on the living conditions of households;
  - 13) - about sown areas;
  - 14) - about the number of livestock;
  - 15) - on the availability of agricultural machinery and equipment for processing agricultural products;
  - 16) - about buildings for storing agricultural products and keeping livestock.

### S.3 Updating metadata

#### S.3.1 Latest confirmation of updated metadata

#### S.3.2 Latest placement of metadata

#### S.3.3 Latest metadata update

### S.4 Presentation of statistical information

#### S.4.1 Data description

The number of registered and operating producers of agricultural products by regions.

#### S.4.2 Classification system

When updating the storage system, the following statistical classifiers and reference books are used:

KATO - Classifier of Administrative Territorial Objects; OKED - General classifier of types of economic activities; SKPSH - Directory of products (services) of agriculture, forestry and fisheries;

KSP - Handbook of Statistical Indicators;

KOF - Directory of Fixed Assets;

SKPP - Directory of industrial products (goods, services).

(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](http://www.stat.gov.kz) in the "Classifiers" section).

#### S.4.3 Секторальный охват

Sources of SHR updating are: Statistical business register, administrative sources (akimats of settlements, villages, rural districts).

#### S.4.4 Statistical concepts and definitions

The basis for maintaining and updating the IS SHR is the "Methodology for maintaining and updating the Agricultural Statistical Register", 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 December 2, 2016 No. 295.

The purpose of this Methodology is to ensure the maintenance and timely updating of the SHR, the formation and use of lists of surveyed units from the SHR when conducting nationwide statistical observations of peasants, farms and households.

SHR contains administrative (registration and classification information of entities) and economic (data on crop production, livestock breeding, agricultural buildings and structures) information about all individuals in rural areas covered by household accounting by administrative sources, individual entrepreneurship and legal entities that produce agricultural products in the Republic of Kazakhstan.

SHR also contains administrative and economic information on households and individual entrepreneurs, including peasant farm, located in urban areas, subject to the availability of relevant data from administrative sources, current statistics and agricultural censuses.

The circle of respondents: agricultural producers (OKED 01) - legal entities, individual entrepreneurs, including peasant farm, households.

Coverage: solid

Toolkit: SBR (daily), EPHU software (every half a year).

#### S.4.5 Statistical object

Legal entities, individual entrepreneurs, including peasant farms, households.

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

Actual data of individual entrepreneurs, peasant farms and households.

#### S.4.7 Territorial coverage

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

#### S.4.8 Time coverage

Since 2009.

#### S.4.9 Base period

#### S.5 Unit of measure

Unit

#### S.6 Reporting period

half a 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) Methodology for maintaining and updating the Agricultural Statistical Register dated December 2, 2016 No. 295. Registered with the Ministry of Justice of the Republic of Kazakhstan on December 26, 2016 No. 14581.

3) Statistical methodology for maintaining household records and forms of organizing the keeping of registration records dated June 10, 2010 No. 136. Registered with the Ministry of Justice of the Republic of Kazakhstan on July 15, 2010 No. 6334.

- 4) "Rules for clarifying the accuracy of household accounting data" dated November 30, 2015 No. 744. Registered with the Ministry of Justice of the Republic of Kazakhstan on December 26, 2015 No. 12525.
- 5) 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.
- 6) 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.
- 7) Rules for the provision on a gratuitous basis of statistical information 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 dated May 20, 2010 No. 113.
- 8) 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.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 the confidentiality of the protection of the submitted data by respondents is guaranteed;
- 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 practices in the field of ensuring information security of the Committee. The main goal of the Policy is to ensure the accessibility 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

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 on Statistics of the Republic of Kazakhstan 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 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](http://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](http://www.stat.gov.kz) in the section "Home" // "Basic documents".

### S.9.3 User access

Website Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan [www.stat.gov.kz](http://www.stat.gov.kz). Official statistics - By industry - Business statistics.

## S.10 Propagation frequency

half a year

## S.11 Dissemination format, accessibility and clarity

### S.11.1 News publications

Press releases are not published.

### S.11.2 Publications

Express information "Registered and operating producers of agricultural products"

### S.11.3 Databases in on-line mode

Not implemented

#### S.11.3.1 AC1. Data tables-consultation

Not implemented

### S.11.4 Microdata access

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 on Statistics of the Republic of Kazakhstan 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

#### S.11.5.1 AC2. Metadata consultation

Not implemented



## S.12 Availability of documentation

### S.12.1 Methodology documentation

- 1) 1) "Methodology for maintaining and updating the Agricultural Statistical Register", 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 December 2, 2016 No. 295. Registered with the Ministry of Justice of the Republic of Kazakhstan on December 26, 2016 year № 14581. Posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan in the section Methodology - Maintenance of statistical registers;
- 2) "Statistical methodology for maintaining household records and forms of organizing registration records" approved by order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated June 10, 2010 No. 136. Registered with the Ministry of Justice of the Republic of Kazakhstan on July 15, 2010 No. 6334. dated June 10, 2010 No. 136. Posted on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan in the section Methodology - Maintenance of statistical registers.

### 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 manual; 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 the data of the Agricultural Statistical Register is supported by generally accepted procedures:

- compliance with the basic principles of primary accounting;
- 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 the primary data, the possibility of obtaining additional information from the respondent is legally enshrined.

### S.13.2 Quality

assessment

### S.14 Relevance

#### S.14.1 Needs

Structural divisions of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan, regional departments of statistics, district departments of statistics, Ministries, local executive bodies and other departments, individuals and legal entities.

#### S.14.2 User satisfaction

An annual 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 EPHU software contains various format-logical and arithmetic controls, which are corrected by akims of settlements, villages of rural districts at the stage of entering data into the EPHU software. In addition, the SHR IS has an error log that warns of errors when importing data from the EPHU software. Such errors are detected and corrected by the District Statistics Departments, Regional Statistics Departments and the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan during the updating of the SHR IS.

#### S.15.2 Sample errors - indicators / A1.

Unacceptably.

#### S.15.3 Non-sampling error

Unacceptably.

##### S.15.3.1 Coverage error

Unacceptably.

##### S.15.3.1.1 A2. Overcoverage-share

Unacceptably.

##### S.15.3.1.2 A3. Common units-ratio

##### S.15.3.3 No response errors

##### S.15.3.3.1 A4. Absence unit-fraction

##### S.15.3.3.2 A5. No response-share clause

Unacceptably.

### S.16 Timeliness and punctuality

#### S.16.1 Timeliness

##### S.16.1.1 TP1 Waiting period - first results

Express information is published in accordance with the Statistical Work Plan approved on an annual basis.

##### S.16.1.2 TP2.Waiting Period - Latest Results

The results are final.

#### S.16.2 Punctuality

##### S.16.2.1 Punctuality / TP3

Express information is published in accordance with the approved Statistical Work Plan.

#### S.17 Comparability

##### S.17.1 Geographic comparability

The data is comparable across regions.

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

Unacceptably.

##### S.17.2 Length of comparable time series / CC2

#### S.18 Consistency

##### S.18.1 Consistency, external, cross

The methodology for maintaining and updating the Agricultural Statistical Register has been developed in accordance with international recommendations (Denmark (Copenhagen)), obtained within the framework of the KAZSTAT project (Project on Strengthening the National Statistical System) and Eurostat standards.

##### S.18.2 Internal consistency

"Methodology for maintaining and updating the Agricultural Statistical Register" 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 December 2, 2016 No. 295, agreed with all structural divisions of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.

#### S.19 Load

Data collection is carried out by akims of settlements, villages, rural districts when walking around households and peasant farms, entered into the EPHU software, and then submitted to statistics authorities for updating the SHR IS. The EPHU software contains format-logical controls that exclude errors when entering information.

The processes of import, input and processing of information in the SHR IS are fully automated, control of input and output information is provided.

Akims of settlements, villages, rural districts spend 1 month to bypass and enter information into the EPHU software for all households and peasant farm.

Duplication with other complexes is excluded.

#### S.20 Data revision

##### S.20.2 Revision of data / A6

Unacceptably.

#### S.21 Processing of statistical data

#### S.21.1 Initial data

Statistical information on the number of registered and operating producers of agricultural products is formed on the basis of data obtained from the SBR and household accounting.

#### S.21.2 Inspection frequency

half a year

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

Data collection is carried out electronically.

#### S.21.4 Reliability of primary statistics

In order to ensure the reliability of household accounting data, work is carried out in accordance with the "Rules for clarifying the reliability of household accounting data" approved by order of the Minister of National Economy of the Republic of Kazakhstan dated November 30, 2015 No. 744. Registered with the Ministry of Justice of the Republic of Kazakhstan on December 26, 2015 No. 12525.

#### S.21.5 Imputation - share / A7

Unacceptably.

#### S.21.6 Correction

Data correction is carried out when entering information into the EPHU software and when importing data into the SHR IS.

##### S.21.6.1 Seasonal adjustment

Unacceptably.

#### S.22 Notes

In the future, continue to work on data quality assurance.