



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

Quality report

*Availability of cereals and legumes in the Republic of
Kazakhstan*

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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

Department of Production and Environment Statistics

S.1.3 Name of contact person

Zhanuzakova Zhanar Orazovna

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 river. Ishim, Mangilik ate 8, House of Ministries, 4 entrance

S.1.6 E-mail address of the contact person

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S.1.7 Contact person's phone number

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S.2 Introduction - Relevance

In order to monitor the availability of grain crops in the Republic of Kazakhstan, on the initiative of the Government of the Republic of Kazakhstan, since 2008, the Committee on Statistics of the Republic of Kazakhstan has been conducting a nationwide statistical observation according to the statistical form 2-xx (grain) "On the availability of grain". This statistical observation relates to the agricultural sector.

Statistical information on the availability of cereals and legumes in the Republic of Kazakhstan is formed monthly by types of cereals and legumes and by types of their use, in the context of regions and by types of activity, and is published in express information. The source of information on the availability of cereals and legumes is the primary statistical data of legal entities and (or) their structural and separate subdivisions, peasant or farms, individual entrepreneurs engaged in the cultivation, processing, trade, storage and use of cereals and legumes.

The main indicators are:

- obtained from a new crop.
- availability of cereals and legumes at the end of the reporting period;
- including by type of use: food, seed, fodder.

The main users are the Government of the Republic of Kazakhstan, the Ministry of Agriculture of the Republic of Kazakhstan, as well as other government bodies, international organizations (FAO), business environment, media, research institutions 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 the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan holds meetings of working groups (focus groups) with the participation of potential users and respondents, representatives of interested government agencies, as well as the National Chamber of Entrepreneurs "Atameken", which assess the 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

S.3.2 Latest placement of metadata

S.3.3 Latest metadata update

S.4 Presentation of statistical information

S.4.1 Data description

Express information is generated 12 times a year, of which from January to November - on a monthly basis and for December - on an annual basis. The data is generated in kind (in tons).

The output information contains data on the availability of grain and leguminous crops: by types of crops and by types of grain use (food, seed and fodder) in the country as a whole, on the availability of grain and leguminous crops by types of activity in the country as a whole and in the context of regions, cities of republican significance and the capital.

S.4.2 Classification system

- 1) OKED - General classifier of economic activities;
- 2) SKPSH - Directory of products (services) of agriculture, forestry and fisheries;
- 3) KATO - Classifier of administrative-territorial objects.

(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 in the "Classifiers" section).

S.4.3 Sectoral coverage

Legal entities and (or) their structural and separate subdivisions, peasant or farms, individual entrepreneurs engaged in the cultivation, processing, trade, storage and use of grain and legumes are surveyed by a continuous method.

S.4.4 Statistical concepts and definitions

1. The type of observation is continuous.
2. Data collection toolkit is a statistical form of national statistical observation "On the availability of grain" (index 2-x, monthly frequency), which is available 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 in the section "For respondents" / Statistical forms for 2019 / Monthly forms.
3. The circle of respondents: legal entities and (or) their structural and separate divisions, peasant or farm enterprises, individual entrepreneurs engaged in the cultivation, processing, trade, storage and use of grain and legumes
4. Deadline for submission - up to 3 days (inclusive) after the reporting period, except for 3 January.
5. The last revision of the form is 2017.

For the convenience of filling in the data by the respondents, the following basic definitions are given in the instructions for the statistical form:

- 1) food grain - grain used for food purposes;
- 2) grain - the fruits of cereals, legumes and oilseeds used for food, seed, fodder and technical purposes;
- 3) granary (elevator, grain receiving point) - a specialized technical facility for storing grain;
- 4) grain receipt - a warehouse certificate in the form of a non-documentary non-issue security, confirming the ownership of a certain amount of grain;
- 5) feed grain - grain intended for feed to animals and poultry;
- 6) seed grain (seeds) - grain used for sowing purposes and divided according to varietal and sowing qualities;
- 7) weight after completion (test weight) - the physical weight obtained after cleaning and drying the crop, that is, with a discount on the degree of moisture and weediness.

S.4.5 Statistical object

The statistical object is all legal entities and (or) their structural and separate subdivisions, peasant or farm enterprises, individual entrepreneurs engaged in the cultivation, processing, trade, storage and use of cereals and legumes.

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

The observation is carried out by a continuous method.

S.4.7 Territorial coverage

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

S.4.8 Time coverage

The time series has been continuous since 2008.

S.4.9 Base period

Absent.

S.5 Unit of measurement

Ton (metric)

S.6 Reporting period

month

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. The plan of statistical work, approved in accordance with the established legislative procedure of the Republic of Kazakhstan by the Order of the Minister of National Economy of the Republic of Kazakhstan.
3. Rules for the provision of primary statistical data by respondents, approved by the order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated July 9, 2010 No. 173 (registered with the Ministry of Justice of the Republic of Kazakhstan on September 8, 2010 No. 6459.).
4. 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.
5. 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 (registered with the Ministry of Justice of the Republic of Kazakhstan on June 10, 2010 No. 6283).
6. 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 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 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. The information security 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 No. 252 dated October 31, 2016 defines the goals, objectives, guidelines and practices in the field of 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

1. 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).
2. Methodology for the formation and dissemination of official statistical information in electronic form, approved by 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 30, 2016 No. 292 (registered with the Ministry of Justice of the Republic of Kazakhstan 21 December 2016 No. 14568).

S.9 Publication Policy

S.9.1 Publication Calendar

In accordance with paragraph 1 of Article 26 of the Law of the Republic of Kazakhstan "On State Statistics" dated March 19, 2010 (hereinafter - the Law), official statistical information is subject to dissemination in accordance with the schedule for the dissemination of official statistical information in the volumes provided for by the statistical work plan.

According to paragraph 2 of this article of the Law, state statistics bodies provide users with equal rights to simultaneous access to high-quality official statistical information and statistical methodology by posting them on the Internet resources of state statistics bodies.

S.9.2 Access to the Graph

The statistical work plan and the Schedule for the dissemination of official statistical information are 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: "Home / About the Committee / Current activities / Plans and reports".

S.9.3 User access

Official statistical information is subject to dissemination in accordance with the schedule for the dissemination of official statistical information in the volumes stipulated by the statistical work plan.

State statistics bodies provide users with equal rights to simultaneous access to high-quality official statistical information and statistical methodology by posting them on the Internet resources of state statistics bodies (website Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz).

S.10 Propagation frequency

month

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

No press releases will be issued.

S.11.2 Publications

1) Express information "On the availability of grain and leguminous crops in the Republic of Kazakhstan" contains data on the availability of grain and leguminous crops in the republic, by regions and cities of republican significance. During the year, 11 monthly and 1 annual express information are published.

Published monthly 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 / Statistics / Express- information.

2) Dynamic tables on the availability of cereals and legumes are available in the Taldau information and analytical system, which is posted on the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan <https://taldau.stat.gov.kz>.

S.11.3 Databases in on-line mode

IAS "Taldau" is located on the official website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan at the link: Main / Information-analytical system Taldau / Main / Statistics of agriculture, forestry, hunting and fisheries / Crop production / Availability of cereals and legumes.

S.11.3.1 AC1. Data tables-consultation

Not implemented.

S.11.4 Microdata access

In accordance with paragraph 6 of Article 8 of the Law of the Republic of Kazakhstan dated March 19, 2010 "On State Statistics", it is allowed to present and use de-identified databases for scientific purposes in the manner established by the authorized body.

The procedure for submitting data is described in the Rules for the provision and use of databases for scientific purposes 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

S.11.5.1 AC2. Metadata consultation

Not implemented.

S.12 Availability of Documentation

S.12.1 Methodology documentation

Instructions for filling out the statistical form of nationwide statistical observation "On the availability of grain" (code 141101184, index 2-cx, monthly 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 dated November 20, 2017 year No. 180 (registered with the Ministry of Justice of the Republic of Kazakhstan on December 11, 2017 No. 16070).

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. Typical 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 of the economy 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 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;
- a comparative analysis of statistical data (in dynamics) is carried out.

S.13.2 Quality control

Absent.

S.14 Relevance

S.14.1 Needs

The main external users of the data are the Ministry of Agriculture of the Republic of Kazakhstan, international organizations, business structures and a number of other users.

S.14.2 User satisfaction

User questioning for satisfaction with the data generated on the basis of form 2-cx "On the availability of grain" is not carried out.

At the same time, on an annual basis, the Committee conducts a survey of users of official statistical information according to the questionnaire Q-002 "Survey of users".

S.14.3 Completeness / R1. Data completeness-share

Not applicable.

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

S.15.1 Overall accuracy

The accuracy and reliability of the original data is ensured by ensuring completeness of coverage.

S.15.2 Sample errors - indicators / A1.

The survey is carried out by a continuous method.

S.15.3 Non-sampling error

S.15.3.1 Coverage error

In 2018, non-responses amounted to 9.9% of the number of respondents in the catalog.

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 calculation is not carried out.

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 time the respondents provided to the first publication of data on the availability of cereals and legumes, averaged 10 days. The first results in the statistical express information are published on the 12th day after the reporting period (month) and are final.

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 first 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 Work, 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 of the publication dates for 2018 for monthly publications. Release of the publication is postponed to the next business day if the publication falls on weekends or holidays.

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 applicable.

S.17.2 Length of comparable time series / CC2

The dynamic range for the main indicators has been continuous since 2008.

S.18 Consistency

S.18.1 Consistency, external, cross

Not consistent

S.18.2 Internal consistency

Not consistent.

S.19 Load

The collection of data is carried out electronically on-line, and at the request of the respondent, the data can also be presented on paper. In 2018, the number of respondents who reported was 59,225, of which 40.5% of respondents provided data online by means of an EDS.

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 time spent on filling out the statistical form is on average up to 1 hour.

There is no duplication with other national statistical surveys.

Administrative or other data sources are not used when generating express statistical information.

S.20 Revision of data

S.20.2 Revision of data / A6

There has been no revision of the data since 2008.

S.21 Processing of statistical data

S.21.1 Input

Primary statistical data of the statistical form of the nationwide statistical observation "On the availability of grain" (index 2-cx (grain), monthly frequency). The accounting is for food, seed and feed grain (in weight after processing), which is stored by the respondent at the end of the reporting month, and which the respondent received from the new harvest in the reporting month.

In the absence of activity during the reporting period (month, quarter, year), the respondent no later than the end date of the earliest of the deadlines for submission of statistical forms for this reporting period, specified in the Schedule for the submission of primary statistical data by respondents on national statistical observations, approved in the manner prescribed by the Law for the corresponding the year submits to the relevant state statistics body, instead of the corresponding statistical forms, the Notification of the lack of activity.

S.21.2 Inspection frequency

month

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 2-cx "On the presence of grain". It is carried out electronically through the use of the "Online Data Collection" information system posted on the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan ([https://cabinet.stat.gov.kz /](https://cabinet.stat.gov.kz/)).

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 Committee, 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

Not applicable.

S.21.6 Correction

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 the availability of grain, further work will be carried out to ensure the quality and comparability of data in accordance with international standards.