

Quality Report

Gross harvest of agricultural crops in the Republic of Kazakhstan for 2024

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      1. Organization

Agency for Strategic Planning and Reforms of the Republic of Kazakhstan Bureau of National statistic (hereinafter referred to as the Bureau)

* + 1. Structural division

Department of Agricultural Statistics and National Censuses, Directorate of Agricultural Sector Statistics

* + 1. Contact person name

Mazhirova Aisaule

* + - 1. Name of the head of the responsible structural unit

Dzhartybaeva Asel

* + 1. Contact person's postal address

010000, Kazakhstan, Astana, Left bank of the river. Ishim, Mangilik El, Avenue 8, House of Ministries, entrance 4

* + 1. Contact person email address

[a.mazhirova@aspire.gov.kz](mailto:a.mazhirova@aspire.gov.kz)

* + 1. Contact person's phone number

8(7172)74-97-75

* 1. Introduction-Relevance

The national statistical observation of the gross harvest of agricultural crops in the Republic of Kazakhstan is organized with the purpose of forming the main indicators characterizing agricultural activity in the Republic of Kazakhstan. On an annual basis, agricultural statistics forms data on the gross harvest of agricultural crops in the Republic of Kazakhstan (by regions, by crops, by categories of farms). The indicators on the gross harvest of agricultural crops are the primary statistical data of the national statistical observation, which are formed in accordance with the "Methodology for conducting sample surveys in crop production and livestock farming", approved by the Order of the Chairman of the Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan dated November 10, 2017 No. 164.

Main agricultural statistics indicators: Area of ​​lost spring crops, Adjusted sown area, Gross harvest of agricultural crops, Gross harvest of open ground flowers, Gross harvest of individual types of plant products, Area of ​​perennial plantings, Area of ​​perennial plantings at fruiting age, Gross harvest from the area of ​​perennial plantings at fruiting age, Harvesting of protected ground agricultural crops (area of ​​greenhouses used, in square meters and gross harvest, in centners), Gross harvest of protected ground flowers, Gross harvest of organic plant products, Fertilizer application and use (mineral, in kg (nitrogen, phosphorus, potassium) and organic, in tons); Fertilized area of ​​agricultural crops; Application of moisture-saving technologies in grain crop cultivation.

Considering that agricultural statistics play an important role in the development of the state economy, the main users of official statistical information 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, the business environment, the media, research institutes and a number of other users.

Feedback from users is provided through official requests, through the Bureau's single contact center at 1446, via e-mail e.stat@aspire.gov.kz, and the Telegram messenger. In addition, the Bureau annually holds meetings of working groups (focus groups) with the participation of potential users and respondents, representatives of interested government agencies, at which the indicators of national statistical observations are assessed for their relevance and duplication with indicators of departmental statistical forms and forms of administrative sources.

* 1. Updating Metadata
     1. Latest confirmation of updated metadata

29.09.2023

* + 1. Last metadata placement

29.09.2023

* + 1. Last metadata update

29.09.2023

* 1. Presentation of statistical information
     1. Description of data

The area of ​​lost spring crops, the adjusted sown area, the harvested area, the gross harvest of agricultural crops in the initially received weight and in the weight after processing, the production of organic plant products, the application and use of fertilizers.

* + 1. Classification system

1. SKPSKH - Directory of products (services) of agriculture, forestry and fisheries;
2. OKED - General Classifier of Types of Economic Activity;
3. KATO - Classifier of administrative-territorial objects. (Posted on the Bureau's website[www.stat.gov.kz](http://www.stat.gov.kz/) in the "Classifiers" section).
   * 1. Sectoral coverage

In the Republic of Kazakhstan, agricultural enterprises (hereinafter referred to as agricultural enterprises), individual entrepreneurs and peasant or farm households, and households (producing products on household and summer cottage plots) are engaged in growing various types of agricultural crops. At the same time, grain crops, in particular wheat and rice, are grown mainly by agricultural enterprises, individual entrepreneurs and peasant or farm households, in connection with which these categories of agricultural producers have been defined as the objects of grain crop yield surveys.

* + 1. Statistical Concepts and Definitions

1. Observation type: continuous and selective.
2. Respondents: legal entities and/or their structural and separate divisions with primary or secondary types of economic activity according to the codes of the General Classifier of Types of Economic Activity (hereinafter referred to as OKED) 01.1, 01.2, 01.3, 01.5; individual entrepreneurs included in the sample, including peasant or farming enterprises, with primary or secondary types of economic activity according to OKED codes 01.1, 01.2, 01.3, 01.5. Submission deadline: November 2 (inclusive) of the reporting period.
3. Data collection tool - statistical form of the national statistical observation "On the harvest of agricultural crops" (index 29-сх, frequency once a year) (hereinafter - statistical form). The statistical form is available on the Bureau's website [www.stat.gov.kz](http://www.stat.gov.kz) in the section "For respondents".
   * 1. Statistical object

The statistical object is legal entities and (or) their structural and separate divisions with primary or secondary types of economic activity according to the codes of the General Classifier of Types of Economic Activity (hereinafter referred to as OKED) 01.1, 01.2, 01.3, 01.5; individual entrepreneurs included in the sample, including peasant or farming enterprises, with primary or secondary types of economic activity according to OKED codes 01.1, 01.2, 01.3, 01.5.

* + 1. General population (principle of selection of survey units)

General populations for surveys in plant growing are formed on the basis of the Agricultural Statistical Register. Agricultural producers are fully covered when conducting statistical observations of agricultural crops and the activities of agricultural formations.

* + 1. Territorial coverage

The Republic of Kazakhstan and regions.

* + 1. Time span

Data since 1990

* + 1. Base period

Compared to the previous year.

* 1. Unit of measurement

Hectare, centner

* 1. Reporting period

once a year

* 1. Legal basis
     1. Legal basis

1. Law of the Republic of Kazakhstan dated March 19, 2010 No. 257-IV "On State Statistics".
2. Rules for the submission 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. Statistical work plan approved in accordance with the established legislative procedure of the Republic of Kazakhstan by the Order of the Head of the Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan.
4. "Methodology for conducting sample surveys in crop and livestock production", approved by the Order of the Chairman of the Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan dated November 10, 2017 No. 164.
   1. Privacy and data protection
      1. Privacy Policy
5. 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 data provided by respondents is ensured.
6. Article 28 of the Entrepreneurial Code of the Republic of Kazakhstan dated October 29, 2015 ensures the protection of information constituting a commercial secret.
7. The Information Security Policy (hereinafter referred to as the Policy), approved by the Order of the Head of the National Statistics Bureau of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan dated February 10, 2021 No. 20, defines the goals, objectives, guidelines and practical methods in the field of ensuring information security of the Bureau. The main goal of the Policy is to ensure the availability of official statistical information, the confidentiality of information stored and processed on the Bureau's computing equipment, subject to its integrity and authenticity.
   * 1. Privacy - Data Handling

1. "On approval of the Rules for the presentation of databases in de-identified form for use in scientific and scientific-technical activities" Order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics dated July 2, 2010 No. 168. Registered in the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388.

* 1. Publication Policy
     1. Publication calendar

Item 1, Item 2 of Article 26 of the Law of the Republic of Kazakhstan “On State Statistics” dated March 19, 2010 No. 257. Schedule for the dissemination of official statistical information.

* + 1. Access to the Schedule

The schedule for dissemination of official statistical information is posted on the website of the Unified Platform of Internet Resources for Government Agencies (UPIR GO) www.gov.kz in the section of the Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan.

* + 1. User access

The data is posted on the official 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)and in the Information and Analytical System "Taldau" in the section "Statistics of agriculture, forestry, hunting and fisheries / Plant growing".

* 1. Frequency of distribution

once a year

* 1. Distribution format, accessibility and clarity
     1. News publications
     2. Publications

Statistical information on the gross harvest of agricultural crops is published annually:

1. in the spreadsheet "Gross harvest of agricultural crops in the Republic of Kazakhstan"[(www.stat.gov.kz:](http://www.stat.gov.kz/)Home / Industry statistics/ Statistics of agriculture, forestry, hunting and fisheries/Spreadsheets);
2. in the statistical industry digest for a 5-year period "Agriculture, forestry and fisheries in the Republic of Kazakhstan"[(www.stat.gov.kz:](http://www.stat.gov.kz/)Home/ Publications).
   * 1. Databases in on-line mode

IAS "Taldau" is located on the official website of the Bureau at the link: Home / Information and analytical system Taldau / Home / Statistics of agriculture, forestry, hunting and fisheries / Crop production

* + - 1. AC1. Data tables-consultations

not implemented

* + 1. Access to microdata

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 permitted to submit and use databases in de-identified form for scientific purposes in the manner established by the authorized body. The procedure for submitting data is described in the Rules for the provision of databases in de-identified form for use in scientific and scientific-technical activities, approved by the 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).

* + 1. Other
       1. AC2. Metadata-consultations
  1. Availability of documentation
     1. Methodology documentation

"Methodology for conducting sample surveys in crop production and livestock farming", approved by the Order of the Chairman of the Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan dated November 10, 2017 No. 164. Available on the Bureau's website[www.stat.gov.kz](http://www.stat.gov.kz/) in the Methodology section.

* + 1. Quality documentation

1. Quality policy approved by the order of the Head of the Bureau of National Statistics of the ASPIR RK dated November 16, 2020.
2. Quality objectives of the Bureau.
3. Documented information of the quality management system: Quality manual; Documented procedures; Instructions; Process maps.
4. Standard methodology for describing the process of producing statistical information by government agencies, approved by the Order of the Chairman of the Statistics Committee of the Ministry of National 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 Statistics Committee of the Ministry of National Economy of the Republic of Kazakhstan dated May 23, 2018 No. 63.
   1. Quality Management
      1. Quality Assurance

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

* compliance with the basic principles of primary accounting;
* use of standard statistical classifications;
* at the stages of collecting and processing primary data, all control schemes (format-logical, arithmetic) were developed and implemented;
* To confirm the reliability of primary data, the possibility of obtaining additional information from respondents is established by law.
  + 1. Quality assessment

No

* 1. Relevance
     1. Needs

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

* + 1. User Satisfaction

A survey of users on satisfaction with the data generated based on the results of Form 29-сх (once a year) "On the harvest of agricultural crops" is not conducted. At the same time, a survey of users of official statistical information is conducted on an annual basis according to the user questionnaire posted on the Bureau's website www.stat.gov.kz/ Home / Surveys.

* + 1. Completeness/R1. Completeness of data-proportion

Not applicable.

* 1. Accuracy and reliability (filled out taking into account the type of observation)
     1. Overall accuracy

The accuracy of the source data is controlled by following methodological recommendations.

* + 1. Sampling errors-indicators/A1.

The survey is carried out using a continuous and selective method.

* + 1. Non-sampling error
       1. Coverage error

Coverage errors may include the proportion of respondents who did not submit a report.

* + - * 1. A2. Excess Coverage-Share
        2. A3.Common units-ratio

Not applicable.

* + - 1. Errors not answered
         1. A4. Unit of absence-share
         2. A5. Item of no response-share

The number of respondents who did not report for 2024 is 108 units.

* 1. Timeliness and punctuality
     1. Timeliness
        1. TP1. Waiting period - first results

The first results in the statistical bulletin are published on the 30th day after the reporting period (year). The release dates are approved and published in the Statistical Work Plan and the Schedule for the Dissemination of Official Statistical Information.

* + - 1. TP2.Waiting period - latest results

The results are final.

* + 1. Punctuality
       1. Punctuality/TP3

The data are published in accordance with the Statistical Work Plan approved in accordance with the established legislative procedure of the Republic of Kazakhstan by the order of the head of the National Statistics Bureau of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan. Actual and planned dates coincide, there were no failures to meet the publication deadlines for 2024 (published on the website on January 30, 2024). The release of the publication is postponed to the next business day if the publication falls on a weekend or holiday.

* 1. Comparability
     1. Geographical comparability

Within the territory of the Republic of Kazakhstan.

* + - 1. Asymmetry in mirror statistics of flows-coefficient/CC1

Not applicable.

* + 1. Length of comparable time series/CC2

The dynamic series has been continuous since 1990.

* 1. Coherence
     1. External consistency, cross-consistency

The methods have been developed taking into account the principles of the System of National Accounts of 2008. The methods have been developed within the framework of the project "KAZSTAT: Project for Strengthening the National Statistical System", taking into account the study of the experience of European countries in the field of agricultural statistics, using the example of the Statistics Office of Denmark. When developing the Methodology, the recommendations of Danish statisticians regarding the adaptation of international standards were taken into account.

* + 1. Internal consistency

The methods for agricultural statistics are agreed upon with all structural divisions of the Bureau.

* 1. Load

Data collection is carried out electronically in online mode, and at the respondent's request, the data can also be presented on paper. When entering data, respondents are provided with automated arithmetic and logical controls that eliminate the possibility of typical input errors. Data processing processes are automated using software packages that provide controls for input and output information. There are no duplications with other national surveys. Administrative or other data sources are not used in the formation of the statistical bulletin.

The number of respondents in the catalog in 2024 was 44,517, of which 42,074 (94.5%) reported, 42,074 (80.3%) reported data, and 8,259 (19.6%) accepted certificates. Compared to last year, the number of respondents reporting was 9.7%.

* 1. Revision of data

S.20.2 Data revision/A6

The last revision of the form was in 2022, the statistical form is posted on the Internet resource 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 for respondents - Statistical forms for 2024 - Annual forms. Republishing of official statistical information was for 2024, according to the instructions of the Prime Minister of the Republic of Kazakhstan.

* 1. Processing statistical data
     1. Initial data

Statistical information on the gross harvest of agricultural crops is formed on the basis of primary statistical data of national statistical observations of respondents engaged in agricultural activities in accordance with statistical observation form 29-сх "On the harvest of agricultural crops" (index 29-сх, frequency once a year) and form A-005 "On the harvest of agricultural crops in households" (index A-005, frequency once every three years).

* + 1. Frequency of examination

once a year

* + 1. Method (way) of collecting primary statistical data

Data collection is carried out on paper or electronically by filling out statistical form 29-сх "On the harvest of agricultural crops". In electronic form, it is carried out using the information system "On-line data collection", located on the Internet resource of the Bureau[(www.stat.gov.kz).](http://www.stat.gov.kz/)

* + 1. Reliability of primary statistical data

The reliability of the data is confirmed by primary reports, which are certified on paper by the seals and signatures of the top managers, and those submitted electronically - by an electronic digital signature. On the part of the Bureau, the quality of the data is ensured by the use of arithmetic and logical control methods when checking primary reports. In the event of extreme values ​​and sharp deviations, the respondent either confirms the data that raises doubts among the statistical authorities, or makes corrections in accordance with the established legislation.

* + 1. Imputation - share /A7

The data are provided by respondents based on the revised annual balance sheet. However, data imputation is applied in the formation of operational data by proportional imputation in order to ensure coverage until the final annual data are produced.

* + 1. Correction

Data adjustments are made directly during statistical observation.

* + - 1. Seasonal Adjustment
  1. Notes

The Bureau carries out work to ensure the quality of data and improve user satisfaction with statistical data on an ongoing basis. In this regard, based on the needs of users of statistical data on fisheries, work will be carried out in the future to ensure the quality and comparability of data at the international level.