



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

# Quality report

*Sown area of agricultural crops for the harvest in  
2020 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

Kurmanbaeva Gulnar Lekerovna

#### 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

gu.kurmanbaeva@economy.gov.kz

### S.1.7 Contact telephone number

8 (7172) 74-93-16

## S.2 Introduction-Relevance

National statistical observation on the results of sowing for the harvest, which characterizes the sowing of agricultural crops in the Republic of Kazakhstan.

On an annual basis, agricultural statistics form data on the results of sowing agricultural crops in the Republic of Kazakhstan (in the context of regions, by crops and categories of farms).

Considering that agricultural statistics plays an important role in the development of the state's 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 state bodies, international organizations, business environment, media, 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](http://www.economy.gov.kz)), as well as through official requests, e-mail or phone.

## S.3 Updating metadata

### S.3.1 Latest confirmation of updated metadata

02.03.2018

### S.3.2 Last Placement of Metadata

02.03.2018

### S.3.3 Latest metadata update

02.03.2018

## S.4 Presentation of statistical information

### S.4.1 Data description

The main indicators are the area of winter crops sown from last fall, the area of insured crops of winter crops, the area of winter crops preserved for grain by the end of the sowing of spring crops, the area of winter crops used for green fodder and grazing, the area of spring crops, the insured of spring crops, the area of spring crops in the aisles of orchards, the area of preliminary crops on plowed hayfields and pastures, the cut area of perennial grasses of past years, the area of undercover perennial grasses (overseeding, including overseeding from autumn).

### 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) KFS - Classifier of forms and types of ownership;
- 7) KRP - Classifier of the dimension of legal entities;
- 8) KOPF - Classifier of organizational and legal forms of management;
- 9) CSE - Classifier of sectors of the economy.

(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 Sectoral coverage

In the Republic of Kazakhstan, the sowing of various types of agricultural crops is carried out by agricultural enterprises, individual entrepreneurs and peasant or farm households, as well as households (producing products on personal and summer cottages).

#### S.4.4 Statistical concepts and definitions

The observation type is continuous.

2. The circle of respondents: according to the 4-cx (year) form, legal entities and (or) their structural and separate subdivisions with primary and secondary activities according to the codes of the General Classifier of Economic Activities 01.1 "Growing of one- or two-year crops", 01.2 "Cultivation Perennial Crops ", 01.3 " Plant Reproduction "and 01.5 " Mixed Agriculture "; individual entrepreneurs and peasant or farm households as well as households of the population are formed on the basis of the household book. Submission deadline - June 15 (inclusive) of the reporting period.

3. Data collection toolkit - statistical form of national statistical observation "Report on the results of sowing for the harvest" (index 4-cx, annual frequency); household book. Statistical forms are 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](http://www.stat.gov.kz) in the section "For respondents".

#### S.4.5 Statistical object

Statistical objects in the form 4-cx (year) are legal entities and (or) their structural and separate divisions with primary and secondary activities according to the codes of the General Classifier of Economic Activities 01.1 "Growing of one or two-year crops", 01.2 "Growing of perennial crops" , 01.3 "Reproduction of plants" and 01.5 "Mixed agriculture" as well as for individual entrepreneurs and peasant or farms, households of the population a household book (producing products on personal and summer cottages).

#### 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 and regions.

#### S.4.8 Time coverage

The main indicators of form 4-cx "Report on the results of sowing by the harvest for 2020" have been formed since 1999 and according to the indicators of the household book since 2009.

#### S.4.9 Base period

Year preceding the reporting year.

#### S.5 Unit of measurement

Hectare

#### 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. 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.
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. "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.

## 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, the confidentiality of information stored and processed on computer equipment by the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.

### S.8.2 Privacy-handling of data

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.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. Statistical Work Plan and Schedule for Dissemination of Official Statistical Information posted on the 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) 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

The data are 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 Taldau Information and Analytical System.

## S.10 Propagation frequency

year

### S.11 Dissemination format, accessibility and clarity

#### S.11.1 News publications

Press releases are not published.

#### S.11.2 Publications

The generated data are published on an annual basis:

In the statistical bulletin "Sown area of agricultural crops for harvest in the Republic of Kazakhstan" ([www.stat.gov.kz](http://www.stat.gov.kz): Home / Official statistics / By industry / Statistics of agriculture, forestry, hunting and fishing / Statistics / Bulletins).

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

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

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

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.

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](http://www.stat.gov.kz) in the sections Methodology / Statistics of agriculture, forestry, hunting and fisheries and on the website [www.adilet.kz](http://www.adilet.kz).

##### 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

#### S.14 Relevance

##### S.14.1 Needs

The main users of information are state bodies (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

User questioning is not a subject of satisfaction with the data generated according to the results of form 4-xx "Report on the results of sowing for the harvest in 2020" is not carried out.

At the same time, 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

Not applicable.

#### S.15 Accuracy and reliability (to be filled in 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 survey is carried out by a continuous method.

### S.15.3 Non-sampling error

Not applicable.

#### S.15.3.1 Coverage error

for 2020, the coverage of respondents who reported on form 4-cx (year) was 82%, and 100% for the household book.

##### S.15.3.1.1 A2.Excess coverage-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 in the form 4-cx (year) for 2020 is 18% 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 8 days. The Bulletin is published annually on July 15th, 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](http://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

According to the Plan of statistical works, the final data will be published in the statistical bulletin "Gross harvest of agricultural crops in the Republic of Kazakhstan" in January 2021.

In which the data on the adjusted sown areas will be reflected are reflected taking into account the actual sowing of late crops for the harvest of the current year (for example, summer planting of potatoes), taking into account the actual size of completely dead crops of winter crops, as well as taking into account the economic use of crops (for grain, hay etc).

#### 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 publication 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).

#### 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 1999.

#### 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.

##### S.18.2 Internal consistency

To calculate the indicator of gross output of products (services) of agriculture, forestry, hunting and fishing, data on sown areas are used in order to calculate the estimated gross yield of agricultural crops.

#### S.19 Load

Collection in forms 4-cx (year) and household book is carried out in electronic form and on paper. Data collection is carried out online, in which automated arithmetic and logical controls are provided for the respondent, excluding the possibility of typical input errors. Information processing processes are automated using local software systems, control of input and output information is provided. Time spent on filling out the statistical form up to 1 hour. There is no duplication with other examinations. Household ledger data is collected by employees of akimats and is administrative data.

#### S.20 Revision of data

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

In exceptional cases, the time series is recalculated (the published statistical information is revised in case of a change in the statistical methodology and on the basis of updated, documented information). There were no cases of time series recalculation.

## S.21 Processing of statistical data

### S.21.1 Input data

Primary data on national statistical observation in the form 4-cx (year) "Report on the results of sowing for the harvest for 2020" and primary data from the software package for electronic household accounting (hereinafter referred to as the EPHU software) based on the household book.

### 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 4-xx "Report on the results of sowing for the harvest". 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](http://www.stat.gov.kz)).

### S.21.4 Reliability of primary statistical data

In order to improve the quality of data, check the correctness of filling out the statistical form and minimize the lack of answers on some questions of the statistical form, plausibility checks have been defined at the level of input of primary data in electronic format, as well as various format-logical controls are included in the software for processing primary statistical information.

### 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 results of sowing for the harvest, in the future, work will be carried out to ensure the quality and comparability of data.