



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

# Quality report

*Main indicators of the development of fisheries  
and aquaculture 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

Sadvakasova Dana Elubaevna

#### 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 Адрес электронной почты контактного лица

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### S.1.7 Номер телефона контактного лица

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## S.2 Introduction-Relevance

In accordance with the General Classifier of Economic Activities (OKED), fisheries are classified in section A "Agriculture, forestry and fisheries", this section includes the use of natural resources of plant and animal origin. Fisheries is an important component of the economy as a whole, in this regard, a complete statistical survey according to the form 1-fish "On fisheries and aquaculture" is carried out annually in order to collect data on the activities of fisheries.

Based on the survey data, the indicator "Volume of products (services) in fisheries and aquaculture is calculated - the cost of caught fish, harvested seafood and marine materials (crustaceans, molluscs, turtles, ascidians, sea urchins, natural pearls, sponges, corals, algae), costs of breeding of marine organisms and crops, as well as the cost of services rendered related to fishing and fish farming ", which is used to calculate the aggregate value indicator in agricultural statistics for the purposes of the system of national accounts" Gross output of products (services) in agriculture, forestry and fisheries ".

Based on the observation results, such basic indicators are formed as the catch and sale of fish and other aquatic animals, information on the cultivation and sale of fish stock and marketable fish, indicators of reservoirs and information on the services provided in the field of fishing and aquaculture.

The main user of the statistical bulletin "Key indicators of the development of fisheries and aquaculture in the Republic of Kazakhstan" is the Ministry of Agriculture of the Republic of Kazakhstan, which uses data to monitor indicators of the sectoral state program on the agro-industrial complex, business structures, the international community and a number of other users are also 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.

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 assesses the indicators of national statistical observations for their relevance and availability 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

The main indicators of fish farms in physical and value terms for the reporting year by ownership and size of enterprises, 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) 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

The survey covers enterprises and individual enterprises with the main and secondary economic activity 03 "Fishing and aquaculture", regardless of the number of employees, as well as individuals who have a permit for the use of wildlife and (or) an agreement for fish farming.

#### S.4.4 Statistical concepts and definitions

- 1) Observation type - continuous;
- 2) data collection toolkit - statistical form, national statistical observation "On fisheries and aquaculture" (code 141112131, index 1-fish, annual frequency) and instructions for filling out the statistical form, approved by order of the Chairman Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated November 20, 2017 No. 180 (registered with the Ministry of Justice of the Republic of Kazakhstan on December 11, 2017 No. 16070). The statistical form is available 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) in the section "For respondents".
- 3) the circle of respondents - legal entities and (or) their structural and separate divisions, individual entrepreneurs with a primary or secondary type of activity according to the code of the General Classifier of Economic Activities 03 "Fishing and Aquaculture" and individuals who have permission to use the animal world and ( or) an agreement for the management of fisheries;

4) the deadline for submission is February 25 (inclusive) after the reporting period;

5) the last revision of the form - 2018, taking into account the proposals of the Ministry of Agriculture of the Republic of Kazakhstan.

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

fish catch - the volume of fish resources and other aquatic animals caught in fishery reservoirs;

fishing - catching fish resources and other aquatic animals;

aquaculture - artificial reproduction and cultivation of fish resources and other aquatic animals;

marketable fish - any fish bred and (or) raised under controlled or partially controlled conditions, sold as a food product.

#### S.4.5 Statistical object

The statistical object is legal entities and (or) their structural and separate divisions, individual entrepreneurs and individuals who have a permit for the use of the animal world and (or) an agreement for the conduct of fisheries.

#### 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 main indicators of Form 1-fish "On Fisheries and Aquaculture" have been formed since 1998.

#### S.4.9 Base period

Corresponds to the previous 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. The Code of the Republic of Kazakhstan dated July 5, 2014 No. 235-V 3PK "On Administrative Offenses".

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. Rules for submitting 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 (registered with the Ministry of Justice of the Republic of Kazakhstan on September 8, 2010 No. 6459.).
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 (registered with the Ministry of Justice of the Republic of Kazakhstan on June 10, 2010 No. 6283.).
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 calculating the gross output of products (services) of agriculture, forestry and fisheries, 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 of the economy of the Republic of Kazakhstan dated November 9, 2015 No. 175 (registered in Ministry of Justice of the Republic of Kazakhstan December 7, 2015 No. 12362).

## 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 dated October 31, 2016 No. 252 defines the goals, objectives, guidelines and practices in the field of ensuring the 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.).

T. 9 Publication Policy

#### S.9.1 Publications 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 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): "Home / About the Committee / Current activities / Plans and reports" .

#### 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

No Press Releases will be issued.

##### S.11.2 Publications

The generated data are published on an annual basis:

- 1) in the statistical bulletin "Main indicators of the development of fisheries and aquaculture in the Republic of Kazakhstan" ([www.stat.gov.kz](http://www.stat.gov.kz): Main / Official statistics / By industries / Statistics of agriculture, forestry, hunting and fisheries / Statistics / Bulletins);
- 2) in the statistical sectoral collection for the 5 year period "Agriculture, forestry and fisheries in the Republic of Kazakhstan" ([www.stat.gov.kz](http://www.stat.gov.kz): Main / Official statistics / By industries / Statistics of agriculture, forestry, hunting and fisheries / Publications) .

##### 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 / Fisheries](#)

##### 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

1. Methodology for calculating the gross output of products (services) of agriculture, forestry and fisheries, 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 9, 2015 No. 175 (registered with the Ministry of Justice of the Republic Kazakhstan December 7, 2015 No. 12362).
2. Instructions for filling out the statistical form of national statistical observation "On fisheries and aquaculture" (code 141112131, index 1-fish, 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, 2018 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. 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 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;
- 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 indicators for fisheries are used to calculate the main aggregate cost indicator in agricultural statistics, which is necessary for the purposes of the System of National Accounts - Gross output of products (services) of agriculture, forestry and fisheries.

The main 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 is not a subject of satisfaction with the data generated based on the results of Form 1-fish "On Fisheries and Aquaculture" 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 completed according to the type of observation)

##### S.15.1 Overall accuracy

The accuracy of the initial data is ensured by adhering to methodological recommendations and 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, coverage of reporting respondents was 79%.

###### 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 2018 is 21% of the catalog.

S.16 Timeliness and punctuality

S.16.1 Timeliness

S.16.1.1 TP1 Waiting period - first results

The first results in the statistical bulletin are published on the 27th day after the reporting period (year). 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

In accordance with the Plan of statistical works approved on an annual basis.

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 1998.

S.18 Consistency

S.18.1 Consistency, external, cross

Methodology for calculating the gross output of products (services) of agriculture, forestry and fisheries, 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 9, 2015 No. 175 (registered with the Ministry of Justice of the Republic of Kazakhstan 7 December 2015 No. 12362) was developed taking into account the principles of the 2008 System of National Accounts.

S.18.2 Internal consistency

Methodology for calculating the gross output of products (services) of agriculture, forestry and fisheries, 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 9, 2015 No. 175 (registered with the Ministry of Justice of the Republic of Kazakhstan 7 December 2015 No. 12362) agreed with all interested 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 electronically online (for 2018, 49% of respondents who reported submitted data online, by means of an EDS), and at the request of the respondent, data can also be submitted on paper. 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. Time spent on filling out the statistical form up to 1 hour. There is no duplication with other nationwide surveys. Administrative or other data sources are not used in the formation of the statistical bulletin.

#### S.20 Revision of data

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

Does not apply (in exceptional cases when international classifications are changed).

#### S.21 Processing of statistical data

##### S.21.1 Input data

Primary data on national statistical observation in the form 1-fish "On fisheries and aquaculture".

##### 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-fish "On Fisheries and Aquaculture". 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/>).

#### 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

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 is working to ensure data quality and increase user satisfaction with statistical data on an ongoing basis.

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