



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

# Quality report

*Gas network 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 Services and Energy Statistics

### S.1.3 Name of contact person

Eleusizov Zhanbol Erbolatovich

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

Karaulova Gulmira Sailaubekovna

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

010000, Kazakhstan, Nur-Sultan city, Left bank of the Ishim river, Mangilik el street, 8 House of Ministries, 4 entrance

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

[zha.eleusizov@economy.gov.kz](mailto:zha.eleusizov@economy.gov.kz)

### S.1.7 Phone number of the contact person

+ 7 (7172) 74-97-84

## S. 2 Introduction-Relevance

National statistical observation of the gas network is organized with the aim of forming the main indicators characterizing gas networks in the Republic of Kazakhstan. Gas network data is generated on an annual basis (by region).

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, at which indicators of national statistical forms are analyzed in detail for their relevance and elimination of duplication with indicators of departmental statistical forms and forms of administrative data.

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.

## 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

Main indicators of statistical observation of the gas network:

- 1) The number of settlements gasified with natural and liquefied gas,
- 2) The length of the street gas network,

- 3) The number of gas control points and installed metering devices.

#### S.4.2 Classification system

During the survey, the following statistical classifiers are used

- 1) KATO - Classifier of administrative-territorial objects;
- 2) MKEI - Classifier of units of measurement;
- 3) OKED - General classifier of economic activities.

#### S.4.3 Sectoral coverage

Represent all legal entities and (or) their branches and representative offices engaged in the production, distribution and (or) sale of gaseous fuel through pipelines with primary or secondary activities in accordance with the code of the General Classifier of Economic Activities 35.2

#### S.4.4 Statistical concepts and definitions

1. The circle of respondents: all legal entities and (or) their branches and representative offices engaged in the production, distribution and (or) sale of gaseous fuel through pipelines with primary or secondary activities in accordance with the code of the General Classifier of Economic Activities 35.2.
2. Data collection tools: statistical form "Report on the gas network" (code 301112101, index 1-GAZ, annual frequency). The statistical form is 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 - Statistical forms for 2019 - Annual forms.
3. Submission deadline: February 1 (inclusive) after the reporting period. This statistical form is submitted on paper or electronically. Filling out the statistical form in electronic form is carried out through 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) - Home - Respondent's Cabinet).
4. Observation type: solid.
5. Definitions:

- 1) gas control point - a technological device designed to reduce gas pressure and maintain it at specified levels in gas distribution networks;
- 2) cabinet gas control station - a technological device in cabinet design, designed to reduce gas pressure and maintain it at specified levels in gas distribution networks;

3) accident - destruction of structures and (or) technical devices used at a hazardous production facility, uncontrolled explosion and (or) release of hazardous substances.

#### S.4.5 Statistical object

The statistical object is legal entities and (or) their branches and representative offices engaged in the production, distribution and (or) sale of gaseous fuel through pipelines.

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

Unacceptable

#### S.4.7 Territorial coverage

All regions of the Republic of Kazakhstan, Nur-Sultan city, Almaty city, Shymkent city

#### S.4.8 Time coverage

In Kazakhstan, a survey of the gas network has been carried out since 1999 on an annual basis..

#### S.4.9 Base period

The base period is the year preceding the survey year.

#### S.5 Unit of measurement

Kilometer (thousand meters)

#### 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. Rules for the submission of administrative data by administrative sources on a gratuitous basis, approved by order of the acting Chairman of the Agency of the Republic of Kazakhstan on Statistics dated July 14, 2010 No. 183.
4. 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.
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. 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.

7. 7. Rules for the provision and use of databases in a de-identified form for scientific purposes, approved by the Order of the Minister of National Economy of the Republic of Kazakhstan dated December 18, 2015 No. 778.

## 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 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.

### T. 8.2 Confidentiality - data handling

The rules for the provision and use for scientific purposes of databases in a de-identified form, approved by the Order of the Minister of National Economy of the Republic of Kazakhstan dated December 18, 2015 No. 778.

## 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 "Home" section // "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 "Home" section // "Basic documents".

#### S.9.3 User access

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)> Energy and commodity market statistics;

IS Taldau> Energy and Commodity Markets Statistics> Gas Supply.

#### S.10 Propagation frequency

year

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

##### S.11.1 News publications

##### S.11.2 Publications

T.1) Statistical bulletin "Gas network in the Republic of Kazakhstan", 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 Official statistical information (by industry) -Operational data (express information, Bulletins) - Energy and Commodity Markets Statistics - Bulletins;

U.2) Statistical compilation "Fuel and energy balance of the Republic of Kazakhstan", 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 Official statistical information (by industry) -Collections, quarterly editions, spreadsheets, analytics -Statistical compilations;

#### V.T. 11.3 Online databases

Information and analytical system "Taldau" - Energy and commodity markets statistics - Gas supply

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

Not implemented

##### S.11.4 Microdata access

The rules for the provision and use of databases in a de-identified form for scientific purposes, approved by Order of the Minister of National Economy of the Republic of Kazakhstan dated December 18, 2015 No. 778.

##### S.11.5 Other

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##### S.11.5.1 AC2. Metadata consultation

Not implemented

## S.12 Availability of documentation

### S.12.1 Methodology documentation

### 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

### T. 13 Quality management

### S.13.1 Quality assurance

The quality and reliability of data on gas network statistics is supported by generally accepted procedures:

- compliance with the basic principles of primary accounting;
- use of standard statistical classifications of goods, products, services;
- development and implementation of various controls (format-logical, arithmetic) at the stages of collection and processing of primary data;
- obtaining additional information from respondents to confirm the reliability of primary data;
- carrying out a comparative analysis of statistical data in dynamics.

### S.13.2 Quality assessment

### S.14 Relevance

#### S.14.1 Needs

Local executive bodies and other state bodies - for analytical work, 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 filled in according to the type of observation)

S.15.1 Overall accuracy

The nationwide survey on gas network statistics is designed in such a way that possible errors can be minimized and controlled. Nevertheless, when conducting a survey, inaccuracies are possible, which are called random errors in statistics (incorrect filling of data on cost, a specialist's error when filling out a report, etc.), even if the survey was carried out with the greatest care. Such errors are detected and corrected by the Departments of Statistics and the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.

S.15.2 Sample errors - indicators / A1.

Unacceptable

S.15.3 Non-sampling error

Unacceptable

S.15.3.1 Coverage error

Unacceptable

S.15.3.1.1 A2. Overcoverage-share

Unacceptable

S.15.3.1.2 A3. Common units-ratio

Unacceptable

S.15.3.3 No response errors

S.15.3.3.1 A4. Absence unit-fraction

Unacceptable

S.15.3.3.2 A5. No response-share clause

Unacceptable

S.16 Timeliness and punctuality

S.16.1 Timeliness

S.16.1.1 TP1 Waiting period - first results

The release date was approved and published in the Statistical Work Plan and in the Schedule for the dissemination of official statistical information.

S.16.1.2 TP2. Waiting Period - Latest Results

Results are final

S.16.2 Punctuality

S.16.2.1 Punctuality / TP3

The data are published in accordance with the Plan of statistical work approved in the manner prescribed by the legislation of the Republic of Kazakhstan by the Order of the Minister of National Economy of the Republic of Kazakhstan and the Schedule for the dissemination of official statistical information approved by the Order of the Chairman of the BBureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.

## S.17 Comparability

### S.17.1 Geographic comparability

Data is comparable across regions

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

Unacceptable

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

Time series comparable to 1999

## S.18 Consistency

### S.18.1 Consistency, external, cross

### S.18.2 Internal consistency

## S.19 Load

Data collection is carried out electronically and on paper at the request of the respondent. When collecting data online, the respondent is provided with automated arithmetic and logical controls, excluding the possibility of typical input errors. Information processing processes are automated using local software systems, control of input and output information is provided. Duplication with other examinations is excluded.

## S.20 Revision of data

### S.20.2 Revision of data / A6

Unacceptable

## S.21 Processing of statistical data S.21.1

### Input data

Statistical information is formed on the basis of the respondents' reports in the form 1-GAZ "Report on the gas network".

### S.21.2 Inspection frequency

year

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

According to the statistics of the gas network, the provision of the statistical form is carried out on paper or in electronic form. Filling in the statistical form in electronic form is carried out through 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 are defined at the level of input of primary data in electronic format, and various format and logical controls are also included in the software for processing primary statistical information. Format-logical controls: between sections, within sections.

### S.21.5 Imputation - share / A7

Unacceptable

S.21.6 Correction

Correction of data is carried out directly in the course of statistical observation.

S.21.6.1 Seasonal adjustment

Unacceptable

S.22 Notes

In the future, continue to work to ensure data quality.