



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

Quality report

*The main indicators of the work of communication
enterprises, postal and courier activities in the
Republic of Kazakhstan*

Content

S.1 Contact details

S.2 Introduction - Relevance

S.3 Updating metadata

S.4 Presentation of statistical information

S.5 Unit of measurement

S.6 Reporting period

S.7 Legal basis

S.8 Confidentiality and data protection

S.9 Publication Policy

S.10 Frequency of propagation

S.11 Dissemination format, accessibility and clarity

S.12 Availability of Documentation

S.13 Quality management

S.14 Relevance

S.15 Accuracy and reliability (to be completed taking into account the type of observation)

S.16 Timeliness and punctuality

S.17 Comparability

S.18 Consistency

S.19 Load

S.20 Revision of data

S.21 Processing of statistical data

S.22 Notes

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

Ardakova Samal Ardakkyzy

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

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S.1.5 Postal address of the contact person

010000, Nur-Sultan, Left Bank of the Ishim River, 8 Mangilik El Street, House of Ministries, 4 entrance.

S.1.6 Contact email address

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S. 1.7 Telephone number of the contact person

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S. 2 Introduction-Relevance

Communication is an integral part of the economic and social infrastructure of the Republic of Kazakhstan, designed to meet the needs of individuals and legal entities and to meet the needs of security, defense, law enforcement, government agencies in communication services.

Communication and computer facilities, as well as information systems, constitute the technical basis for ensuring the process of collecting, processing, accumulating and disseminating information.

Communication statistics provides information for users of all levels on the state and development of the communication industry, both in general and its constituent types of communication, on the development of the Internet, including broadband Internet, mobile communication, on technical means of communication, on the industry's contribution to the republic's GDP. Communication statistics also provide the formation of indicators of the Global Competitiveness Index (the number of cellular subscribers, the number of fixed Internet subscribers using high-speed broadband access, the number of mobile broadband subscribers), which characterize the country's level in the development of information technologies among the advanced countries of the world.

Communication statistics is a branch of statistics that studies the processes of economic and operational activities of communication enterprises, the state of networks and communication facilities.

The basis for the formation of communication statistics is a report on forms 1-communication "Report on the services of postal and courier activities" and 2-communication "Report on communication services".

The main users are the Ministry of Digital Development, Defense and Aerospace Industry of the Republic of Kazakhstan and the Ministry of Information and Social Development of the Republic of Kazakhstan.

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.

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

Information on the volume of postal and courier services, information on postal and courier services, on the volume of communication services, on long-distance telephone calls, on the transmission of fixed telephone traffic, on the number of mobile subscribers, on the number of sent telegrams, on subscribers of the fixed Internet, on the number of fixed (wired) Internet subscribers using high-speed broadband access at speed, on the number of mobile wireless broadband Internet access subscribers, the number of cable TV headends (systems), information on the coverage of the territory (population) by the cellular network and terrestrial digital TV broadcasting, on the length of long-distance and international communication channels, information on earth stations of satellite communications and broadcasting, information on the capacity of switching stations (points), on the number of base stations of wireless communication

S.4.2 Classification system

During the survey, the following statistical classifiers are used:

- 1) KATO - Classifier of administrative-territorial objects;
- 2) OKED - General classifier of economic activities;
- 3) KFS - Classifier of forms and types of ownership;

- 4) KRP - Classifier of the dimension of legal entities;
- 5) CSE - Classifier of sectors of the economy.

These classifiers 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 on the main page in the section "Official statistical information (by industry)" - Classifiers

S.4.3 Sectoral coverage

Legal entities and (or) their structural and separate divisions that have primary or secondary types of economic activity according to the code of the General Classifier of Economic Activities 61 - communications and 53 - postal and courier activities, as well as individual entrepreneurs according to the list are subject to coverage.

S.4.4 Statistical concepts and definitions

- 1) The circle of respondents: legal entities and (or) their structural divisions, regardless of the number, having primary and secondary types of economic activity according to the code of the General Classifier of Economic Activities 53 - postal and courier activities and 61 - communications, as well as individual entrepreneurs according to the list .
- 2) Toolkit: Statistical forms "Report on postal and courier services" (code 191112133, index 1-communication, annual frequency) and "Report on communication services" (code 191112183, index 2-communication, annual frequency).
- 3) Observation type: solid.
- 4) The deadline for providing respondents for 1-link is until March 25 (inclusive) and for 2-link until March 31 (inclusive) after the reporting period. The submission of this statistical form is carried out 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).

The last revision of the form was in 2017, the statistical form was 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 section For respondents - Statistical forms for 2019 year - Yearly forms.

Subscriber - an individual or legal entity with whom a contract for the provision of communication services has been concluded.

Communication services - activities for the reception, processing, storage, transfer, transportation, delivery of postal and special items, postal money transfers or telecommunications messages.

Postal communication - acceptance, processing, transportation and delivery of postal and special items, as well as postal money order.

S.4.5 Statistical object

The statistical object is legal entities and (or) their structural and separate subdivisions, individual entrepreneurs who provided communications and postal courier services.

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

The general population for the formation of the catalog is the Statistical Business Register.

S.4.7 Territorial coverage

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

S.4.8 Time coverage

The Communications Survey has been conducted since 2004 on an annual basis. There are time series for 2004-2018.

S.4.9 Base period

The base period is the year preceding the survey year.

S.5 Unit of measurement

Million Kazakh tenge

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 the 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. 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 the order of the Chairman of the Agency of the Republic of Kazakhstan on Statistics of May 20, 2010 No. 113.
7. 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.
8. "Methodology on statistics of information and communication technologies", 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 21, 2016 No. 246.

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, 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 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.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 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 in the section "Home" // "Basic documents".

S.9.3 User access

Website Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz. Official statistical information> Operational data (express information, bulletins)> Communication

S.10 Propagation frequency

year

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

S.11.2 Publications

1) Statistical bulletin "Main indicators of the work of communication enterprises, postal and courier activities 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) - Communication statistics - Bulletins;

2) Statistical collection "Development of communications and information and communication technologies 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) - Compilations, quarterly editions, spreadsheets, analytics - Statistical compilations;

3) The main indicators and dynamic tables are 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) - Communication

T. 11.3 Online databases

Information-analytical system "Taldau" - Communication statistics.

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 the Order of the Minister of National Economy of the Republic of Kazakhstan dated December 18, 2015 No. 778.

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 on statistics of information and communication technologies" 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 21, 2016 No. 246. Registered with the Ministry of Justice of the Republic of Kazakhstan on November 23, 2016 No. 14447. Posted on the Internet resource of Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section "Methodology" - Statistics of information and communication technologies;
- 2) Handbook for the collection of administrative data in the field of telecommunications / ICT, available on the Internet resource of the International Telecommunication Union (ITU) www.itu.int.

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. Quality objectives Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan, Quality objectives of the Office of Services and Energy Statistics.
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 communication statistics data is supported by generally accepted procedures:

- compliance with the basic principles of primary accounting;
- use of standard statistical classifications of goods, products, services;
- 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;
- the possibility of legally obtaining additional information from respondents to confirm the authenticity of the initial data.

S.13.2 Quality control

-

S.14 Relevance

S.14.1 Needs

The Ministry of Digital Development, Defense and Aerospace Industry of the Republic of Kazakhstan, the Ministry of Information and Social Development of the Republic of Kazakhstan, the Ministry of National Economy of the Republic of Kazakhstan, 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 completed according to the type of observation)

S.15.1 Overall accuracy

The nationwide survey on communications statistics is designed in such a way that possible errors can be minimized and controlled. Nevertheless, when conducting a monthly data check, inaccuracies are possible, called in statistics random errors (incorrect filling of data on cost, operator error when filling a report, etc.), even if the survey was carried out with the greatest care.

S.15.2 Selection indicator errors / A1.

Unacceptable

S.15.3 Non-selection error

Unacceptable

S.15.3.1 Enclosure error

Unacceptably

S.15.3.1.1 A2.Excess coverage-share

Unacceptably

S.15.3.1.2 A3. Common units-ratio

Unacceptably

S.15.3.3 No response errors

S.15.3.3.1 A4. Absence unit-fraction

Unacceptably

S.15.3.3.2 A5. No response-share clause

Unacceptably

S.16 Timeliness and punctuality

S.16.1 Timeliness

S.16.1.1 TP1 Waiting period - first results

The results in the newsletter are published annually on May 20, which are final.

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 accordance with the procedure established 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 Bureau 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

Unacceptably

S.17.2 Length of comparable time series / CC2

There are time series for 2004-2018.

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. The average time spent on filling out the form is 1-2 hours. Duplication with other examinations is excluded. Administrative data is used only to ensure coverage of respondents.

S.20 Revision of data

S.20.2 Revision of data / A6

Unacceptably

S.21 Processing of statistical data

S.21.1 Input data

Statistical information on communication statistics is formed on the basis of respondents' primary reports using forms 1-communication "Report on postal and courier services" and 2-communication "Report on communication services". The statistical business register (SBR) is used as the general population.

S.21.2 Inspection frequency

year

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

According to communication statistics, the provision of a 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).

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-logical controls are also included in the software for processing primary statistical information. Format-logical controls: between sections, modules, within sections.

S.21.5 Imputation - share / A7

Unacceptably

S.21.6 Correction

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

S.21.6.1 Seasonal adjustment

Unacceptably

S.22 Notes

In the future, continue to work on ensuring the quality and comparability of communication statistics data at the international level.