



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

# Quality report

*The index of tariffs for postal and courier services for  
legal entities*

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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 price statistics

### S.1.3 Name of contact person

Mukashev Kuandyk Kaydarovich

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

Tlepbergenova Emma Narimanovna

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

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House of Ministries, 4 entrance

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

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### S.1.7 Contact person's phone number

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## S. 2 Introduction-Relevance

The index of tariffs for postal and courier services characterizes the change over time in tariffs for postal and courier services for legal entities.

Tariff indices for postal and courier services are used for:

- 1) calculating the indices of the physical volume of postal and courier services;
- 2) calculations of labor productivity in these types of economic activities and other economic and analytical calculations;
- 3) implementation of economic monitoring, forecasting, comparisons carried out by state bodies and scientific organizations.

The resulting tariff index is a statistic that reflects the performance of the manufacturing services sector. 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 NPP Atameken, which analyze indicators national statistical forms for their relevance and avoidance 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  
[www.economy.gov.kz](http://www.economy.gov.kz).

### 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

Tariff indices for postal and courier services characterize the change in time of tariffs for postal and courier services of legal entities, for a month to different periods of comparison, for the period of the reporting year to the corresponding period of the previous year.

Tariff indices for postal and courier services for legal entities take into account operations for the production of these services, which are necessary for legal entities to carry out their production activities. Transactions are valued at market prices, excluding value added tax.

#### S.4.2 Classification system

When constructing tariff indices for postal and courier services, OKED is used - "General classifier of types of economic activity".

#### S.4.3 Sectoral coverage

The surveyed segments of the economy according to the current General Classifier of Economic Activities (hereinafter - OKED), are represented by the sections "Postal and courier activities" (OKED-53), including postal and courier services, such as services for the seizure, transportation and delivery of letters and parcels at various conditions.

#### S.4.4 Statistical concepts and definitions

1) Observation of changes in tariffs is carried out in accordance with the Methodology for constructing tariff indices for postal, courier and communication services, which 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 section "Methodology" / "Price statistics", and on the website [www.adilet.kz](http://www.adilet.kz).

The Methodology uses the following definitions:

- aggregated price (tariff) index - a relative indicator that characterizes the change in prices for a separate subgroup, group or the studied phenomenon as a whole and is formed on the basis of individual price (tariff) indices;

- base object - a legal entity selected for monitoring and registering prices in it; The sample set of basic objects must meet the basic requirement - a representative representation in the regional and sectoral sections;
- the general population is a complete group of all units of analysis, whose characteristics are to be assessed;
- classification - dividing a set of objects into groups based on similarity or difference in accordance with the accepted characteristics;
- individual (elementary) price index - the change in prices of one element of the studied population (specific goods, services);
- selective observation - a survey of a certain part of the general population, by which it is possible to judge the properties of the entire population as a whole.
- representative service - a set of certain types of services in a group, which differ from each other in insignificant features that do not affect the quality and basic properties of services and are homogeneous in their consumer purpose;
- weighting - a procedure used in index calculations to obtain aggregated indicators and ensuring the commensurability of different types of services that cannot be summed up directly;
- weighing scheme - a set of weights for specific types of services, determined by all degrees of aggregation according to the standard classification;
- specification - a description or list of characteristics that are used to identify a particular type of service selected for registration of prices (tariffs);
- statistical business register - a specially organized and systematized list of legal and statistical units. It contains concise administrative and economic information about all units included in the register;
- registration of tariffs - a method of collecting information on the level of tariffs for services, carried out on a sample of a representative set of basic objects

## 2) Data collection toolkit - statistical forms:

- nationwide statistical observation "Report on tariffs for postal services for legal entities "(code 261101148, index 1-tariff (mail)), monthly frequency);

- national statistical observation "Report on tariffs for courier services for legal entities" (code 261101147, index 1-tariff (courier)), monthly frequency). 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" / "Statistical forms for 2019" // "Monthly forms".

#### S.4.5 Statistical object

The general population for a sample of basic objects is legal entities and (or) their structural and separate divisions with the main activity according to the General Classifier code types of economic activities "Postal and courier activities" (OKED - 53). The general population for the sample of basic objects for monitoring tariffs for postal and courier services is the data of the statistical business register. The selection uses the method of the main array, which involves the selection from the general population of its most significant units, which have the greatest specific weight according to a certain criterion. The main criterion in the selection of basic objects for postal and courier services is the indicators "volume of services" provided to legal entities, formed according to the data of national statistical observations on the services rendered by postal and courier activities. Another criterion for the representativeness of the sample is to ensure the maximum possible coverage of the main types of services. Operators providing new types of wireless communications and courier delivery that have appeared on the service market in recent years are included in the sample regardless of the volume of services provided.

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

The general population for price observation is compiled according to the following criteria:

- 1) representativeness. The selected group or type of service is of decisive importance for the surveyed segment and, if possible, a greater share in its overall structure;
- 2) relevance and regularity. The services are in demand in the market and are available for a long period of time;

3) representativeness of price dynamics. The movement of tariffs for the selected type of services does not differ from their dynamics for other, not selected types of them, reflects the economic reality of the price situation in the market.

#### S.4.7 Territorial coverage

Republic of Kazakhstan (14 regions, cities of republican significance, the capital).

#### S.4.8 Time coverage

Tariff indices for postal and courier services have been formed since January 1998, there are time series for 1998-2018.

#### S.4.9 Base period

2015 = 100%

#### S.5 Unit of measurement

Percent

#### S.6 Reporting period

month

#### 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 Acting order of the 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 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. 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 for constructing tariff indices for postal, courier and communication services", 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 August 23, 2016 No. 170 and registered with the Ministry of Justice of the Republic Kazakhstan No. 14251.

## S.8 Privacy and data protection

### S.8.1 Privacy Policy

1. Article 8 of the Law of the Republic of Kazakhstan No. 257-IV of 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 No. 183 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

According to paragraph 1, paragraph 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 formed.

### 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

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). S.10 Frequency of propagation month

## S.11 Dissemination format, accessibility and clarity

### S.11.1 News publications

Press releases are not published.

### S.11.2 Publications

1) The statistical bulletin "Index of tariffs for postal and courier services for legal entities in the Republic of Kazakhstan" is published monthly 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) and contains data on changes in tariffs in the republic and in the context of regions for all periods of comparison by type of service. Placed in the section Official statistical information (by industry) / Prices and tariffs. 2) Annual statistical compilation "Prices in construction and production services in the Republic of Kazakhstan" - annual data on changes in tariffs in dynamics (monthly) by type in the whole country and regions are published 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). Placed in the section Official statistical information (by industry) / Collections, quarterly publications, spreadsheets, analytics.

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

Information and analytical system "Taldau / Price statistics / Price and tariff indices / Price and tariff indices for industrial services / Tariff index for postal and courier services for legal entities"

#### 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

Unacceptable

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

Not implemented

#### S.12 Availability of Documentation

##### S.12.1 Methodology documentation

"Methodology for constructing tariff indices for postal, courier and communications services", 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 August 23, 2016 year No. 170 and registered with the Ministry of Justice of the Republic of Kazakhstan No. 14251. 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 section "Methodology" / "Price statistics", 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 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 price 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;
- a comparative analysis of statistical data (in dynamics, with administrative data, cross-sectoral) is carried out;
- rotation of sample sets of lists of goods, products, services and basic objects selected for price observation;
- annual review of weighing systems;
- the use of uniform formulas for calculating price indices at all levels of aggregation.

#### S.13.2 Quality control

The methodology for constructing tariff indices for postal, courier and communications services does not pass the expertise of international organizations, since it is a sub-index in the price indices for manufacturing services.

#### S.14 Relevance

##### S.14.1 Needs

Of interest to business and the public is the tariff indices for postal and courier services, which are formed in the Republic of Kazakhstan and regions.

##### S.14.2 User Satisfaction

An annual survey of users of official statistical information is carried out according to the questionnaire Q-002 "User survey"

##### 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 and reliability of the calculated rate indices for postal and courier services is ensured by conducting the optimal observation method.

The methodology for calculating the index of tariffs for postal, courier and communication services is based on international standards, which laid down the requirements for the selection of basic objects, statistical monitoring of tariffs and procedures for calculating the indicator.

For the accuracy of calculating tariff indices and avoiding distortion of the index, the base period of the weights and the base period of tariffs are brought to a single time interval. For this, the procedure for adjusting the weights is used, consisting of the following sequential operations:

- 1) determination of the correction factor;
- 2) determination of corrected weights;
- 3) normalization of weights.

#### S.15.2 Sample errors - indicators / A1.

Cannot be estimated due to targeted sampling.

#### S.15.3 Non-sampling error

Not identified.

##### S.15.3.1 Coverage error

Cannot be estimated due to targeted sampling.

###### S.15.3.1.1 A2. Overcoverage-share

Cannot be estimated due to targeted sampling.

###### S.15.3.1.2 A3. Common units-ratio

Cannot be estimated due to targeted sampling.

##### S.15.3.3 No response errors

###### S.15.3.3.1 A4. Absence unit-fraction

The method of calculating “notional” tariffs is applied in accordance with the Methodology for constructing tariff indices for postal, courier and communication services.

###### S.15.3.3.2 A5.No answer item - share

The calculation is not carried out.

#### S.16 Timeliness and punctuality

##### S.16.1 Timeliness

###### S.16.1.1 TP1 Waiting period - first results

The first results in the bulletin are published on the 9th day after the deadline for submitting the primary statistical information by the respondents and are final. Release dates are approved and published in the Statistical Work Plan and the Schedule for the Dissemination of Official Statistical Information on an annual basis.

###### S.16.1.2 TP2.Waiting Period - Latest Results

The first results are final.

## 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 work, 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 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 of tariff indices for postal and courier services has been comparable and continuous since 1998.

## S.18 Consistency

### S.18.1 Consistency, external, cross

The methodology was developed taking into account the principles and recommendations of the "Manual on the Producer Price Index: Theory and Practice" published by the International Labor Organization, the International Monetary Fund, the Organization for Economic Cooperation and Development, the Statistical Office of the European Communities, the United Nations and the World Bank (2004). adapted taking into account the peculiarities of the economy of the Republic of Kazakhstan and the surveyed type of economic activity.

### S.18.2 Internal consistency

The methodology for constructing tariff indices for postal, courier and communication services has been agreed with all structural divisions of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.

## S.19 Load

The collection of prices is carried out in electronic form and on paper at the request of the respondent.

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, procedures for imputing missing data are provided.

There is no duplication with other examinations.

## S.20 Revision of data

### S.20.2 Revision of data / A6

Not applicable.

## S.21 Processing of statistical data

### S.21.1 Input data

The construction of an index of tariffs for postal and courier services involves the use of two data streams: weight components (weighing scheme) and changes in tariffs for postal and courier services.

Weighing schemes are formed centrally for each region and the republic as a whole. Their construction is based on the distribution of value data on the income of enterprises from postal and courier services included in the observation.

The collection of information on changes in tariffs for the carriage of goods is carried out within the framework of statistical observations:

- nationwide statistical observation "Report on tariffs for postal services for legal entities" (code 261101148, index 1-tariff (mail)), monthly frequency);
- national statistical observation "Report on tariffs for courier services for legal entities" (code 261101147, index 1-tariff (courier)), monthly frequency);

### S.21.2 Inspection frequency

month

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

Data collection is carried out on paper or in electronic form by filling out statistical forms, at the discretion of the respondent:

- 1-tariff (mail) "Report on tariffs for postal services for legal entities";
- 1-tariff (courier) "Report on tariffs for courier services for legal entities"

### S.21.4 Reliability of primary statistical data

The format-logical controls of the minimum and maximum tariff indices, comparison with the price level of the previous month, and others are laid down.

In accordance with Article 17 of the Law of the Republic of Kazakhstan "On State Statistics", the respondent is obliged to submit reliable primary statistical data when conducting statistical observations in accordance with the schedule for submitting primary statistical data by respondents and with statistical methodology.

#### S.21.5 Imputation - share / A7

The imputation is carried out according to the Methodology for constructing tariff indices for postal, courier and communications services. Replacement of some representative services for others is carried out at the beginning of the year. In exceptional cases, in order to maintain the continuity of the price range during the reporting year, it is allowed to introduce a new representative service to replace the retired one. In the absence of replacement tariffs, to ensure the continuity of the dynamic range of the calculated indices, imputation is carried out.

#### S.21.6 Adjustment

Not applicable.

##### S.21.6.1 Seasonal adjustment

Not implemented.

#### S.22 Notes