



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

Quality report

The producer price index for services

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 price statistics

S.1.3 Name of contact person

Bagisbekova Ainur Kurmangazyevna

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

010000, Kazakhstan, Nur-Sultan, Left bank of the Ishim river, st. Mugilik el 8, House

S.1.6 E-mail address of the contact person

A.Bagisbekova@economy.gov.kz

T.1.7 Phone number of the contact person

8(7172)74-95-19

S.2 Introduction-Relevance

Price statistics is a branch of economic statistics that studies the price behavior of entities in various sectors of the economy by monitoring the level of prices and their changes through a system of price indices.

Indicators of price statistics are used to assess the state of the market economy, the impact of price changes on the standard of living of the population and business activity.

National statistical observation of producer prices for services is organized to measure the average change in prices for various types of services at the time of their provision.

The producer price index for services characterizes changes in the prices of domestic producers in the service sector and is a sub-index of the producer price index.

The producer price index for storage services and auxiliary transport services has been formed since 2018, for advertising and market research services - since 2019, and for rental services will be formed from 2021.

Producer price index for services is used for:

- 1) obtaining an indicator of inflation in the service sector;
- 2) output or intermediate consumption in the national accounting system, as a deflator;
- 3) calculation of the index of the physical volume of the services sector;
- 4) other economic and analytical purposes.

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

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 producer price index for services is calculated in the Republic of Kazakhstan, by types of representative services in percentage, for a quarter to different periods of comparison (the reporting quarter to the previous quarter, the corresponding quarter of the previous year, the period of the previous year, to the base years).

S.4.2 Classification system

The statistical classifications used to construct the PPI are used to determine the types of economic activities and types of services provided according to the "General Classifier of Economic Activities" (OKED) - "Storage services and auxiliary transport services" (code - 52), "Advertising services and market research "(code - 73) in the statistical directory of services 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 in the section " Classifiers "/" References " / "Directory of services".

S.4.3 Sectoral coverage

The sectoral coverage of the ICPU assumes the accounting of services related to the types of economic activities of the service sector. The scope of services produced by legal entities for legal entities of other types of economic activity and the population is considered.

S.4.4 Statistical concepts and definitions

1. Type of observation - combined method:

- for industries with a large concentration of large and medium-sized businesses, a targeted method is used;
- for industries with a large number of small businesses, a random selection method is used.

2. The circle of respondents - legal entities and (or) their structural and separate divisions, individual entrepreneurs with the main and secondary economic activity according to the "General Classifier of Economic Activities" - "Storage services and auxiliary transport services" (code - 52), "Services in the field of advertising and market research "(code - 73).

The term for this submission is up to the 5th day (inclusive) after the reporting period;

The Methodology uses the following definitions:

- 1) an individual price index - a change in the prices of one element of the studied population (a specific product, service);
- 2) basic object - a legal entity selected for monitoring and registering prices in it;
- 3) specifications - a description or list of characteristics that are used to identify an individual product selected for price registration;
- 4) classification - dividing a set of objects into groups based on similarity or difference in accordance with the accepted characteristics;
- 5) the weight of the index is a value that reflects the importance of each individual element in their total aggregate;
- 6) type of activity - the process of creating a homogeneous set of products (goods and services) that characterize the most disaggregated categories of classification of activities. The main type of activity of a legal entity is a type of activity, the added value of which exceeds the added value of any other type of activity carried out by a legal entity. Secondary type of activity of a legal entity - a type of activity that is carried out in addition to the main one for the purpose of producing products (works, services) for third parties;
- 7) representative service - a set of certain types of services in a group that 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;
- 8) weighing - a procedure used in index calculations to obtain aggregate indicators and ensuring the commensurability of different goods and services that cannot be summed up directly;
- 9) weighing scheme - a set of weights for specific types of products (goods, services), determined by all degrees of aggregation according to the standard classification.

3. Data collection toolkit is a statistical form of national statistical observation "Report on producer prices for services" (code 261103163, index 1-C (services)), quarterly frequency). The statistical form is 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 in the section "for respondents" / "Statistical forms for 2019" // "Quarterly form" // "1-C (services)"

S.4.5 Statistical object

The general population for the sample of basic objects is made up of legal entities and (or) their structural and separate divisions, individual entrepreneurs with a primary and secondary type of economic activity according to the "General Classifier of Types of Economic Activities":

1. "Warehouse management and auxiliary transport activities" (code - 52).
2. "Advertising and market research" (code -73).

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

The selection of services for price observation is carried out in two stages, and at each stage, appropriate criteria are used for their selection.

At the first stage, on the basis of the current standard classification and data reflecting the state of the surveyed markets, a certain list of services is selected for price observation. All types of services that are most important and significant for a given type of economic activity are included. The list is being developed at the republican level and provides a unified approach to the formation of the ICPU.

At the second stage, in accordance with the list of types of services and market research, representative services are selected. One or more representative services are selected from each type of service. The volume of provision of selected representative services has a predominant share in its structure.

The list of representative services-representatives includes services:

- 1) regularly produced and used in the process of production activities by legal entities;
- 2) having constant quality parameters and a single unit of measurement;
- 3) available from the point of view of collecting information, and their price changes are typical for this group of services.

The coverage of the varieties of services provided within the framework of one representative service is ensured by drawing up specifications for them, which include the technical and quality characteristics necessary to determine its price.

S.4.7 Territorial coverage

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

S.4.8 Time coverage

The producer price index for storage services and auxiliary transport services has been formed since 2017.

The producer price index for advertising and market research services has been formed since 2018.

S.4.9 Base period

Producer price index for storage services and auxiliary transport services = 2017

Producer Price Index for Advertising and Market Research Services = 2018

S.5 Unit of measurement

Percent

S.6 Reporting period

quarter

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 No173.
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. 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 dated May 20, 2010 No. 113.

7. 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.

8. Methodology for constructing producer price indices for 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 December 26, 2016 No. 324

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 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-handling of data

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

S.9.3 User access

The statistical form is 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 in the section "For respondents" / "Statistical forms for 2019" // "Quarterly form" // "1-C (services)"

S.10 Frequency of propagation

quarter

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

Press releases are not published.

S.11.2 Publications

Quarterly express information on changes in producer prices for services - quarterly data on price changes in dynamics (quarterly) by types of services in the country as a whole 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. Placed in the section Official statistical information (by industry) / Express information.

S.11.3 Online databases

IAS "Taldau"

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

No

S.11.5.1 AC2. Metadata consultation

Not implemented

S.12 Availability of Documentation

S.12.1 Methodology documentation

"Methodology for constructing producer price indices for agricultural, forestry and fishery products", 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 December 9, 2016 No. 308 and registered with the Ministry of Justice of the Republic of Kazakhstan No. 14663. 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 in the section "Methodology" / "Price statistics" and on the website www.adilet.zan.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.

S.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 is carried out (in dynamics, with administrative data, cross-sectoral);

- 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 a producer price index for services does not pass the expertise of international organizations, since it is a sub-index in the producer price indices.

S.14 Relevance

S.14.1 Needs

The producer price index for services meets the needs of users for a measure of inflation in the service sector.

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 producer price indices for services is ensured by conducting the best chosen observation method. The methodology for constructing producer price indices for services is based on international standards, which lay down the requirements for the selection of basic objects, statistical observation of prices and procedures for calculating the indicator.

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 General 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 missing response rate is not calculated.

S.15.3.3.2 A5 No response clause-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

Once a quarter on the 24th of the month following the reporting quarter, the express information "On changes in producer prices for services" is published, which contains brief data on price changes for the quarter compared to the previous quarter, the corresponding quarter and the period of the previous year by type of service ... 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

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 on Mirror Stream Statistics - Coefficient / CC1

no

S.17.2 Length of comparable time series / CC2

The dynamic range of the producer price index for services is comparable and continuous:

- since 2017 - for storage services and auxiliary transport services;
- since 2018 - for advertising and market research services.

S.18 Consistency

S.18.1 Consistency, external, cross

The methodology has been developed taking into account the principles and recommendations of the “Producer Price Index Guidelines: Theory and Practice” prepared 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 Economic Commission for Europe and the World Bank, and "Methodological Guide for Eurostat and the Organization for Economic Cooperation and Development on the Development of Producer Price Indices for Services"

S.18.2 Internal consistency

The methodology for constructing the producer price index for 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 both input and output information, procedures for imputing missing data are provided.

There is no duplication with other examinations.

No administrative data or other sources are used.

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 the producer price index for services involves the use of two data streams: weight components (weighting scheme) and changes in producer prices for services.

Weighing schemes are formed centrally throughout the republic as a whole.

Their construction is based on the distribution of cost data on the volumes of services rendered included in the observation.

The collection of information on changes in producer prices for services is carried out within the framework of the statistical observation "Report on producer prices for services" (code 261103163, 1-C (services)).

S.21.2 Inspection frequency quarter

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-C (services) "Report on producer prices for services". It is carried out in electronic form 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).

S.21.4 Reliability of primary statistics

The format-logical controls of the minimum and maximum price indices are laid down; comparison with the price level of the previous quarter, control of the price level depending on the types of services.

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 the statistical methodology.

S.21.5 Imputation - share / A7

The imputation is carried out according to the Methodology for constructing the producer price index for 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 December 26, 2016 No. 324.

S.21.6 Adjustment

Not applicable.

S.21.6.1 Seasonal adjustment

Not implemented.

S.22 Notes