



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

Quality report

The index on forest products prices

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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

Zharekeeva Meruert Bauyrzhankyzy

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

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S.2 Introduction-Relevance

1) Price statistics - a branch of economic statistics, studying the price behavior of the subjects in the 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.

2) The purpose of constructing a price index for forestry products is to measure the average change in prices for products at the time of their implementation.

3) The price index for forestry products characterizes the change in prices at which logging organizations sell unprocessed timber they grow and provide services related to logging.

4) The price index for forestry products has been formed since 2006.

5) The price index for forestry products is used for: re-evaluating the volume of products in the agricultural sector from actual prices to comparable prices and calculating volume indices; calculations of labor productivity in these types of activities and other economic and analytical calculations; economic monitoring, forecasting, comparisons carried out by state bodies and scientific organizations.

6) The Bureau of national statistics 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", at which indicators of national statistical forms are analyzed in detail for their relevance and the 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 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

Price indices for forestry products are calculated by regions of the Republic of Kazakhstan, types of products and services, by comparison periods (December of the previous year, the corresponding quarter, the period of the previous year, the reporting quarter to the previous quarter, to the base years).

S.4.2 Classification system

When constructing the price index for forestry products, the following classifications are used:

- 1) OKED - "General classifier of types of economic activity",
- 2) SKPSH - "Directory of products (services) of agriculture, forestry and fisheries", which are posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz: Home / Classifiers / Reference books.

The surveyed segment of the economy according to the current OKED is represented by the section "Forestry and logging" (OKED - 02).

To construct a price index for forestry products, the following main classes and types of products are taken into account:

- 1) forestry (seedlings, seedlings of trees and shrubs);
- 2) logging (unprocessed round timber for sawing, peeling and planing, processing deciduous and coniferous, as well as wood fuel);
- 3) provision of logging services (growing of wood, transportation of logs, felling, felling of wood, branching, sawing of trees, cleaning from bark).

S.4.3 Sectoral coverage

Statistical units of observation of forestry are: legal entities and (or) their branches and representative offices in accordance with the current General Classifier of Economic Activities (OKED) "Forestry and Logging" (OKED - 02).

The specified units of observation are accounted for by the main or secondary type of economic activity.

S.4.4 Statistical concepts and definitions

1) Observation of changes in prices for forestry products is carried out according to the Methodology for constructing producer price indices for agricultural, forestry and fisheries products, which is available on the Bureau of national statistics website www.stat.gov.kz: Main / Methodology / Price statistics and website www.adilet.zan.kz.

The Methodology uses the following definitions:

- aggregation - combining low-level economic indicators into larger aggregates at all subsequent levels;
- aggregated price 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 indices;
- registration of prices - collection of primary statistical data on prices (tariffs) for goods and services during national statistical surveys;
- base object - an object selected for monitoring and registering prices in it;
- individual (elementary) price index - the change in prices of one element of the studied population (specific goods, services);
- classification - dividing a set of objects into groups based on similarity or difference in accordance with the accepted characteristics;
- average price - the generalized value of prices of representative goods.

Average prices are calculated for a certain period of time, by territory, by type of product;

- a product (service) -representative - a certain type of product in a commodity group, which differs in insignificant features (details) that do not affect the quality and basic consumer properties of goods (services) and are homogeneous in their consumer purpose;
- weighing - a procedure used in index calculations to obtain aggregated indicators and ensuring the commensurability of different goods that cannot be summed up directly;

- weighing scheme - a set of weights for specific types of products, goods, services, determined by all degrees of aggregation according to the standard classification;

- sampling - individual items from approved classifiers, nomenclatures and reference books used in the collection and processing of statistical data.

2) Type of observation - selective.

3) The circle of respondents - legal entities and (or) their structural and separate subdivisions with primary or secondary activities according to the code of the General Classifier of Economic Activities: 02 "Forestry and Logging";

4) Data collection toolkit - a statistical form of national statistical observation "Report on prices for raw wood and related services" (index 1-CP (forest), quarterly frequency).

5) Submission deadline - quarterly, until the 23rd day (inclusive) of the last month of the reporting period.

6) The statistical form is available on the Bureau of national statistics website www.stat.gov.kz: Home / For respondents / Statistical forms for 20__ / Quarterly forms / 1-CP (forest).

S.4.5 Statistical object

Statistical object for the producer price index for forest products - a sample set of basic objects is compiled taking into account the geographical, sectoral coverage and market characteristics.

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

National statistical observations of producer prices for forestry products are carried out using a sample of basic objects.

The sample set of basic objects is compiled taking into account the geographical, industry coverage and market characteristics.

The general population for compiling samples of basic objects is the data of the statistical agricultural register and the statistical business register, as well as primary statistical data from the survey of forestry entities that provide information on the value of products sold.

The main selection criterion is the volume of sold (produced) forestry products.

S.4.7 Territorial coverage

Republic of Kazakhstan (regions)

S.4.8 Time coverage

The price index for forestry products has been formed since 2006; there are time series from 2006 to the present.

S.4.9 Base period

The construction of price indices for the corresponding periods of the previous year (quarter, period with a cumulative total) is carried out by the basic method, which provides for linking (linking) quarterly price indices for a number of years to each other to form a sequential time series having a fixed reference point or base period as a base.

The base period changes every five years.

In 2011-2015. the base period is December 2010, in 2016-2020. -

December 2015 etc.

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 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 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 order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 2, 2010 No. 168. Registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388.

S.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.

S.8.2 Confidentiality - data handling

Rules for the provision and use for scientific purposes of databases in a de-identified form, approved by the order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 2, 2010 No. 168. Registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388.

S.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 Bureau of national statistics website www.stat.gov.kz: Home / Basic documents.

S.9.3 User access

Official statistical information is subject to dissemination in accordance with the schedule for the dissemination of official statistical information in the volumes stipulated by the statistical work plan.

State statistics bodies provide users with equal rights to simultaneous access to high-quality official statistical information and statistical methodology by posting them on the Internet resources of state statistics bodies (Bureau of national statistics website www.stat.gov.kz).

S.10 Propagation frequency

quarter

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

Not

S.11.2 Publications

1) Once a quarter, on the 3rd calendar day after the reporting period, the Statistical Bulletin "Price Index and Prices for Forestry Products and Services in the Republic of Kazakhstan" is published on the Bureau of national statistics website www.stat.gov.kz and contains data on the level and price changes in the republic and in the context of regions for all periods of comparison..

Published quarterly 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: Main / Official statistics / By industries / Price statistics / Bulletins.

2) Annual statistical collection "Prices in agriculture, forestry and fisheries in the Republic of Kazakhstan" - annual data on the level and changes in prices in dynamics, for all periods of comparison, for types of products and services in general for the republic and regions are published.

Published annually 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: Main / Official statistics / By industries / Price statistics / Publications.

3) Dynamic tables on price indices for forestry products by regions of the Republic of Kazakhstan, types of products and services, by comparison periods (December of the previous year, the corresponding quarter, the period of the previous year, the reporting quarter to the previous quarter, to the base years) in the republic are placed in information - analytical system "Taldau" on the Internet resource Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan <https://taldau.stat.gov.kz>.

S.11.3 Databases in on-line mode

IAS "Taldau" <https://taldau.stat.gov.kz>

S.11.3.1 AC1. Data tables-consultation

Not implemented.

S.11.4 Microdata access

Rules for the provision and use for scientific purposes of databases in a de-identified form, approved by the order of the Chairman of the Agency of the Republic of Kazakhstan on statistics dated July 2, 2010 No. 168. Registered with the Ministry of Justice of the Republic of Kazakhstan on August 13, 2010 No. 6388.

S.11.5 Other

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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 dated December 9, 2016 No. 308 and registered with the Ministry of Justice of the Republic of Kazakhstan on January 11, 2017 No. 14663. Available on the Bureau of national statistics website www.stat.gov.kz in the "Methodology" section // "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 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 producer price indices for agricultural, forestry and fishery products does not pass the expertise of international organizations, since it is a subindex in the price indices for manufacturing services.

S.14 Relevance

S.14.1 Needs

The price index for forestry products meets the needs of a wide range of users, internal (sectoral departments of statistics), external (government agencies, economists, mass media).

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 forestry products is ensured by carrying out an optimally chosen observation method. The methodology for constructing producer price indices for agricultural, forestry and fishery products is based on international standards, which set out 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

-

S.15.3.1.2 A3. Common units-ratio

-

S.15.3.3 No response errors

S.15.3.3.1 A4. Absence unit-fraction

The methods for calculating "notional" prices are applied in accordance with the Methodology for constructing producer price indices for agricultural, forestry and fishery products. The missing response rate is not calculated.

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 3rd calendar day after the deadline for submitting the primary statistical information by the respondents and are final. 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. 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 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 producer price indices for forestry products has been comparable and continuous since 2006.

S.18 Consistency

S.18.1 Consistency, external, cross

The main approaches to the methodology for constructing producer price indices for agricultural, forestry and fishery products have been agreed and developed taking into account the principles and recommendations of the Guidelines on Producer Price Index: Theory and Practice, 2004, 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.

S.18.2 Internal consistency

The methodology for constructing producer price indices for agricultural, forestry and fishery products has been agreed with all structural divisions of the Bureau of national statistics.

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 on-line, 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.

No administrative data or other sources are used.

S.20 Revision of data

S.20.2 Revision of data / A6

Unacceptably

S.21 Processing of statistical data

S.21.1 Input data

The construction of a producer price index for forest products involves the use of two data streams: weight components (weighting scheme) and price changes for forest products.

1) The weighing scheme is formed centrally separately for each region and for the Republic of Kazakhstan as a whole.

Its construction is based on the distribution of the value of products between different types of untreated wood with a detail by tree species, as well as between types of forestry services.

2) The collection of information on changes in prices for forest products is carried out within the framework of the statistical observation "Report on prices for unprocessed wood and related services" (1-CP (forest), quarterly).

S.21.2 Inspection frequency

quarter

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

The submission of the statistical form 1-CP (forest) "Report on the prices of raw wood and related services" is carried out in hard copy on purpose to the "One window" of the territorial statistical offices, through postal communication services or in electronic form. Filling out the statistical form electronically is carried out through the "Online Data Collection" information system posted on the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan (<https://cabinet.stat.gov.kz/>).

S.21.4 Reliability of primary statistical data

When entering primary statistical data, format-logical controls of the minimum and maximum price indices are laid down; comparison with the price level of the previous quarter, various output data controls are also laid.

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

Imputation is carried out according to the Methodology for constructing producer price indices for agricultural, forestry and fishery products.

The “imputation of the total average” method involves the application of “notional prices” for products with a strong change in quality or lost products. If there is no sale of products for one or several basic facilities due to reasons not related to the seasonality of production (they produced products and sold them at the same time, loss of crops, liquidation of the facility), the “conditional” price is calculated based on the trend in prices for other basic facilities included into the sample.

S.21.6 Adjustment

Unacceptably

S.21.6.1 Seasonal adjustment

Not implemented

S.22 Notes

Continue work to ensure the quality of statistical data.