



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

Quality report

The producer price index for agricultural products

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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

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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

Price statistics is a branch of economic statistics that studies the price behavior of subjects in various sectors of the economy by monitoring the level of prices and their changes through the 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 agricultural products, organized to determine the level of prices for types of agricultural products. The producer price index for agricultural products, formed based on the results of the observation, measures the dynamics of changes in prices for agricultural products.

The producer price index for agricultural products has been formed since 1993.

The producer price index is used in calculating the gross output (hereinafter referred to as GDP) of agriculture:

1) Price indices by types of agricultural products - for deflation, when there are no physical indicators, produced by the statistics of the agricultural sector of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan.

2) Aggregated price indices - when calculating GDP. Price indices at a detailed level - input-output balance at constant prices, for deflation of elements of GDP by the end-use method, produced by national accounts statistics Bureau of national statistics of the Agency for strategic planning and reforms 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, as well as NPP "Atameken", which analyze in detail indicators of 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

Producer price indices for agricultural products are calculated by types of agricultural products as a percentage, per month to different periods of comparison, for the period of the reporting year to the corresponding period of the previous year.

Producer prices for agricultural products are formed by types of products for the reporting month and on average for the year.

S.4.2 Classification system

The following basic statistical classifiers are used:

- 1) KATO - Classifier of administrative-territorial objects;
- 2) OKED - General classifier of economic activities;
- 3) SKPSH - Directory of products (services) of agriculture, forestry and fisheries (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 "Classifiers" section).

S.4.3 Sectoral coverage

The surveyed segment of the economy according to the current General Classifier of Economic Activities (OKED) is represented by the section “Crop production and animal husbandry, hunting and provision of services in these areas” (OKED - 01) in terms of production and sale of crop and livestock products.

S.4.4 Statistical concepts and definitions

- 1) Type of observation - selective;

2) The circle of respondents - legal entities included in the sample and (or) their structural and separate divisions, peasant or farm enterprises with a primary or secondary type of activity according to the code of the General Classifier of Economic Activities: 01 - "Crop and livestock breeding, hunting and provision of services in these areas ". Submission deadline - up to the 16th day (inclusive) of the reporting period;

3) Data collection toolkit - a statistical form of national statistical observation "Report on producer prices for agricultural products and purchased services" (code 261101170, index 1-TsSKh, (monthly frequency)). The statistical form is available on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section "For respondents" // "Statistical forms" // "Monthly form" // " 1-TsSKh ".

S.4.5 Statistical object

Legal entities and (or) their structural and separate subdivisions, peasant or farms carrying out agricultural activities, regardless of the number of employees.

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

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 a survey of agricultural economic entities that provide information on the value of products sold.

The list of types (subspecies) of products for price observation includes their main types, reflecting the specialization of agricultural production in the Republic of Kazakhstan.

S.4.7 Territorial coverage

Republic of Kazakhstan (all regions).

S.4.8 Time coverage

The producer price index for agricultural products has been formed since 1993; there are time series for 1993-2019.

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 basis

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 the producer price index 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, registered with the Ministry of Justice Of the Republic of Kazakhstan No. 14663.

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 the confidentiality and protection of the submitted data by respondents is guaranteed.
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. The 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 (hereinafter referred to as the Committee) No. 252 dated October 31, 2016 defines the goals, objectives, guidelines and practical receptions in the field of 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 Privacy-handling of data

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 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. S.10 Frequency of propagation

month

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

Once a quarter, on the 8th day of the month following the quarterly, a press release "On changes in producer prices for agricultural products" is published, which contains brief data on price changes for the month compared to the previous month, December of the previous year, the corresponding month and period of the previous year, December 2015, the corresponding and the previous quarter, by type of product, class, group.

S.11.2 Publications

1) The statistical bulletin "Prices and producer price indices for agricultural products 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 and contains data on the level of prices in the republic and changes in prices in the republic and in the context of regions for all periods of comparison. Placed in the section Official statistics (by industry) // Price statistics.

2) Annual statistical compendium "Prices in agriculture, forestry and fisheries in the Republic of Kazakhstan" - annual data on the level and changes in prices in dynamics (monthly, quarterly) by groups, classes as a whole for the 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. Placed in the section Official statistics (by industry) // Collections, quarterly editions, spreadsheets, analytics.

S.11.3 Databases in on-line mode

IAS "Taldau" in the section "Price 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

No

S.11.5.1 AC2. Metadata consultation

Not implemented

S.12 Availability of Documentation

S.12.1 Methodology documentation

"Methodology for constructing a producer price index 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 Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan "Methodology" // "Price statistics", and on the website www.adilet.kz.

S.12.2 Quality documentation

1Policy 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

Quality assurance 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, intersectoral) is carried out;
- rotation of sample sets of lists of goods, products and basic objects selected for price observation;
- annual review of weighing schemes;
- 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 agricultural, forestry and fishery products 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 main users of information are the Government of the Republic of Kazakhstan, government agencies, international organizations (CIS Statistical Committee, UN Statistical Division, UNECE, Eurasian Economic Commission, Food and Agriculture Organization of the United Nations, FAO), educational institutions, business structures and a number of other users.

S.14.2 User Satisfaction

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 agricultural products is ensured by conducting an optimally selected observation method according to the "Methodology for constructing a producer price index for agricultural, forestry and fishery products." The methodology was developed on the basis of international standards, which laid down the requirements for the selection of basic objects, a list of observed types of agricultural products, 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. 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 methods for calculating "notional" prices are applied in accordance with the Methodology for constructing the producer price index 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 are published on the 18th 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 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 territories of the Republic of Kazakhstan.

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

No

S.17.2 Length of comparable time series / CC2

The dynamic range of the producer price index for agricultural products has been comparable and continuous since 1993.

S.18 Consistency

S.18.1 Consistency, external, cross

The main approaches of the methodology for constructing the producer price index for agricultural products are agreed with the manual on the producer price index: theory and practice (International Labor Organization, International Monetary Fund, Organization for Economic Cooperation and Development, Statistical Office of the European Communities, the United Nations and the World Bank), 2004

S.18.2 Internal consistency

Methodology for constructing a producer price index for agricultural, forestry and fishery products
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 is 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 agricultural products involves the use of two data streams: weight components (weighing scheme) and changes in prices for agricultural products. 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 volume of agricultural products sold included in the observation.

The collection of information on changes in producer prices for agricultural products is carried out within the framework of the statistical observation "Report on producer prices for agricultural products and purchased services" (code 261101170, index 1-TsSKh, (monthly frequency)).

S.21.2 Inspection frequency

month

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

The collection of data is carried out on paper or in electronic form by filling out the statistical form 1-TsSKh "Report on producer prices for agricultural products and purchased services." It is carried out in electronic form through the use of 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 (www.stat.gov.kz).

S.21.4 Reliability of primary statistical data

Primary statistical data are compiled on the basis of primary accounting documents drawn up in the appropriate manner.

In addition, when entering and processing data, format-logical controls of the minimum and maximum price indices are laid; comparison with the price level of the previous month, control of the price level for types of agricultural products and others. 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 the producer price index for agricultural, forestry and fishery products. Replacement of some representative goods for others is carried out at the beginning of the year. To maintain the continuity of the price series during the reporting year, it is allowed to introduce a new representative product to replace the one that was retired.

S.21.6 Adjustment

Not applicable.

S.21.6.1 Seasonal adjustment

Not implemented.

S.22 Notes