Quality report

*Wholesale price index of goods, products in the
Republic of Kazakhstan*

за 2018 год

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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. 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.

The wholesale price index of goods, products characterizes the change in prices for goods (products) intended for subsequent sale or other purposes not related to personal, family, household and other similar use.

The purpose of constructing a price index for wholesale sales of goods, products is to measure the magnitude of changes in prices for goods (products) sold by wholesalers.

The wholesale price index of goods and products has been formed since 2006.

Wholesale price index of goods, products is used:

as a deflator of the revaluation of the volume of wholesale trade and the domestic trade sector in the national accounting system; to calculate the index of the physical volume of wholesale turnover; for the implementation of economic monitoring, analysis of the production market and the sale of specific goods and products.

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 Description of data

The quality report is compiled for the monthly wholesale price index of goods and products. It is calculated 12 times per year.

Wholesale price index of goods, products is calculated by regions of the Republic of Kazakhstan; by goods of products; different channels by comparison periods (reporting month to the previous month, December of the previous year, to base years; month and period of the reporting year to the corresponding months and periods of the previous year; reporting quarter to the previous quarter, corresponding to the quarter of the previous year).

The index is calculated in the following order. On the basis of price data, individual indices are calculated, reflecting the change in prices of one element of the studied population (a specific product, service). The individual price index for goods, products is calculated using the Jevons formula, as the ratio of unweighted geometric mean prices of two periods:

$$ I_J = \frac{\sqrt[k]{\prod_{j=1}^{k} p_t}}{\sqrt[k]{\prod_{j=1}^{k} p_{t-1}}} \; , $$

Where
I - individual indices;
t, t-1 - respectively, reporting and previous comparison periods;
pt, pt-1 - price per unit of goods in the corresponding period;
j - type of goods, having a weight and which combines several specific representative goods (from one to k);
k - the number of products to be determining the kind of goods.

At all subsequent stages of constructing the wholesale price index, aggregated indices are used.

The aggregated price index is a relative indicator that characterizes the change in prices for a particular subgroup, group or the studied phenomenon as a whole and is formed on the basis of individual price indices.

The Laspeyres formula is used for the calculation:

$$I_L = \frac{\sum \frac{P_t}{P_{t-1}} (P_{t-1} \times Q_0)}{\sum P_0 \times Q_0} \times 100$$

at

$$P_{t-1} \times Q_0 = P_0 \times Q_0 \times \frac{P_1}{P_0} \times \frac{P_2}{P_1} \times .... \times \frac{P_{t-1}}{P_{t-2}},$$

Where

IL - price index for the reporting period t in comparison with the previous period t-1;

$\frac{P_t}{P_{t-1}}$ – individual price index by type of goods, products for the reporting period t to the period t-1;

$P_0 \times Q_0$ – the cost of goods, products in prices of the base period, used as standard weights for aggregation;

$P_{t-1} \times Q_0$ - the cost of goods, products in prices of the base period, used as standard weights for aggregation;

$\frac{P_1}{P_0} \times \frac{P_2}{P_1} \times .... \times \frac{P_{t-1}}{P_{t-2}}$ – product of individual price indices by type of goods, products to the previous period.

S.4.2 Classification system

When constructing the wholesale price index of goods, products, the following classifications are used:

KPVED - "Classifier of products by types of economic activity", SKUVT - "Directory of domestic trade services",

SKPP - "Directory of Industrial Products", SKPSH - "Directory of products of agriculture, forestry and fisheries",

SKU - "Directory of services" 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 in the section "Classifiers" / "Directories".

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

1) consumer goods, including food (food, drinks, tobacco) and non-food (passenger cars, textiles, household goods, pharmaceuticals, etc.);

2) intermediate consumption products - goods and services used for the production of other goods and services (grain, timber and building materials, metal products, fuel, chemical goods, etc.);

3) means of production - machines, equipment (trucks, tires, computer equipment, office and agricultural equipment, etc.).

S.4.3 Sectoral coverage

The sectoral coverage of the wholesale price index takes into account the change in prices for goods, products sold by wholesale trade objects related to the following types of economic activity:

1) Wholesale and retail trade in cars and motorcycles and their repair. In this activity, price surveillance includes wholesales of new and used vehicles (cars and trucks), wheeled tractors, car parts and accessories;

2) wholesale, except for cars and motorcycles. In this activity, price surveillance includes wholesales of agricultural raw materials, foodstuffs, timber, construction materials, machinery, equipment, chemicals, textiles, tobacco products and other goods.

S.4.4 Statistical concepts and definitions

1) Monitoring the level of wholesale prices is carried out according to the Methodology for constructing the wholesale price index, 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 in the section "Methodology "/" Price statistics ", and on the website www.adilet.zan.kz.

The methodology for constructing the wholesale price index uses the following definitions:

- aggregation - combining low-level economic indicators into larger aggregates at all subsequent levels;

- registration of prices - a method of collecting information on the level of prices for goods, products, services, carried out on a sample of a representative set of basic objects;

- 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 geographic and sectoral sections;

- specifications - a description or list of characteristics that are used to identify an individual product selected for price registration;

- classification - dividing a set of objects into groups based on similarity or difference in accordance with the accepted characteristics;

- imputation - the process of replacing missing, incorrect or inconsistent values with other values;
- the weight of the index is a value that reflects the importance of each individual element in their total population;
- 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;
- representative product - a certain type of product in the product group, which differs in minor features (details) that do not affect the quality and basic consumer properties of the goods 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;
- trade discount - a discount from the price of goods provided by the seller to the buyer in connection with the terms of a foreign trade transaction and depending on the current market conditions;
- sampling - individual items from approved classifiers, nomenclatures and reference books used in the collection and processing of statistical data.

2) National statistical observation of wholesale prices is carried out for a sample of basic objects.

To survey the prices of wholesale sales of goods and products, a selective observation method (targeted sampling) is used.

3) For the selection of types, subspecies of goods, products of wholesale trade, data of national statistical observation on the volume of wholesale sales for the current year and the year preceding the reporting year are used.

4) Data collection toolkit is a statistical form of national statistical observation "Report on the prices of wholesale sales (supplies) of goods, products" (index 1-C (wholesale), monthly frequency).

5) The deadline for submission is monthly, up to the 22nd day (inclusive) of the reporting period, in accordance with 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.

6) 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 for 20__" / "Monthly forms" / "1-C (wholesale)".

S.4.5 Statistical entity

A statistical object in the field of wholesale is a trade object that owns goods and purchases them for the purpose of subsequent resale, as well as provides services for organizing the wholesale turnover of goods. Basic facilities organize acceptance, sorting, storage, delivery of goods to customers, provide customers with various services: preparing products for consumption, commercial information, transport, forwarding, leasing and others. These include distributors, joint ventures, associations, warehouses, purchasing offices, bases, shops and markets that trade in large and small quantities.

According to the methodology, the share of large and medium-sized ones included in the sample in the structure of operating wholesale trade entities is more than 60 percent, the rest is small. Due to the susceptibility of small wholesalers to frequent changes in forms of ownership, the profile of specialization of wholesale trade and the range of goods, products, preference is given to large and medium-sized wholesalers in selection.

At the end of 2018, the sample set of basic objects amounted to 1,146 enterprises, of which 75% are large and medium-sized enterprises.

This circle of respondents provided monthly data on prices on average for 11,513 goods and products.

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

The general population for the sample of basic objects of wholesale trade is the data of the statistical business register and the primary statistical data of the survey of the subjects of domestic trade, which provide information on the volume of wholesale sales.

The selection of basic objects is made by the method of the main array, in which the most significant units of the studied population are examined. The advantage of this method is obtaining data characterizing the general population on the basis of a detailed survey of individual units, processing information and generating results in a shorter time and with the least resource consumption.

The main criteria for including a wholesaler in the sample are:

1) scale - coverage of subjects of various forms, types of ownership and organizational and legal forms;

2) various specifics of wholesale trade (universal or specialized) and the breadth of the range of goods, products (wide, limited and narrow);

3) regular trade transactions during the reporting year;

4) sale of types of goods, products of domestic and imported production;

5) current marketing system for setting prices depending on the volume of delivery.

S.4.7 Territorial coverage

All regions, cities of republican significance and the capital.

S.4.8 Time coverage

The wholesale price index of goods and products has been formed since 2006, there are time series from 2006 to the present.

S.4.9 Base period

The base period changes every five years.

In 2006-2010. the base period is December 2005. In

2011-2015. - December 2010

In 2016-2020. - December 2015 etc.

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 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 of 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 the wholesale price index" was approved by the order of the Acting Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated February 16, 2016 No. 36 and registered with the Ministry of Justice of the Republic of Kazakhstan on March 15, 2016 No. 13452. 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 Home / Methodology / Price statistics and on the website www.adilet.zan.kz.

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

The 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.9 Publication policy

S.9.1 Publications calendar

Clause 1, Clause 2 of Article 26 of the Law of the Republic of Kazakhstan "On State Statistics" dated March 19, 2010 No. 257.

The schedule for the dissemination of official statistical information is posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the "Home" section //

"Basic documents".

S.9.2 Access to the Graph

Clause 1, Clause 2 of Article 26 of the Law of the Republic of Kazakhstan "On State Statistics" dated March 19, 2010 No. 257.

The schedule for the dissemination of official statistical information is posted on the website of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the "Home" section //

"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 (Website Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat .gov.kz).

S.10 Propagation frequency

month

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

Press releases are not published.

S.11.2 Publications

1) Express information "On changes in wholesale prices in the Republic of Kazakhstan" contains data on changes in wholesale prices in the republic, by channels, by the final destination of products, in the reporting period compared to the previous month, December of the previous year, to the base year, the corresponding month and period of the previous year. 12 monthly and 1 annual express information are published throughout the year.Публикуется ежемесячно на сайте Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan www.stat.gov.kz in the section Official statistics / By industries / Price statistics / Express information.

2) The statistical bulletin "Index of prices for wholesale sales of goods, products in the Republic of Kazakhstan" contains data on price indices for wholesale sales in the republic, by channels, by the final destination of products, in the reporting period compared to the previous month, December of the previous year, to the base year, corresponding month and period of the previous year, in the reporting quarter to the previous quarter, corresponding to the quarter of the previous year. During the year, 12 bulletins are published: "Index of prices for wholesale sales of goods, products in the Republic of Kazakhstan."
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 in the section Official statistics / By industries / Price statistics / Bulletins.
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 in the section Official statistics / By industries / Price statistics / Bulletins.

3) The annual statistical compilation "Prices of wholesale and foreign trade in the Republic of Kazakhstan" contains annual data on the level and changes in prices in dynamics (monthly, quarterly) by type of product, by channel, by the final destination of products, in the whole country and regions.
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 in the section Official statistics / By industries / Price statistics / Publications.

4) Dynamic tables for price indices of wholesale sales of goods, products classified by final destination, by supply channels for the month by comparison periods (reporting month to the previous month, December of the previous year, to the base year; month and period of the reporting year to the corresponding months and periods of the previous year; the reporting quarter to the previous quarter, the corresponding quarter of the previous year) are posted in the Taldau information and analytical system on the Internet resource of the Committee on Statistics of the Ministry of National Economy of the Republic of Kazakhstan https://taldau.stat.gov.kz.

S.11.3 Databases in on-line mode
IAS "Taldau"

S.11.3.1 AC1. Data tables-consultation

Not implemented

S.11.4 Access to microdata

The 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.11.5 Other

Not.

S.11.5.1 AC2. Metadata consultation

Not implemented

S.12 Availability of Documentation

S.12.1 Methodology documentation

"Methodology for constructing the wholesale price index" approved by the order of the Acting Chairman of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan dated February 16, 2016 No. 36 and registered with the Ministry of Justice of the Republic of Kazakhstan on March 15, 2016 No. 13452 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 Home / Methodology / Price statistics and on the website www.adilet.zan.kz.

S.12.2 Quality documentation

1.   Quality 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 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 control

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;

- 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;
- rotation of sample sets of lists of goods, products, services and basic objects selected for price observation;
- annual revision of the weighing scheme;
- the use of uniform formulas for calculating price indices at all levels of aggregation.

S.13.2 Quality control

The "Methodology for constructing the wholesale price index" was developed taking into account the principles and recommendations of the "Manual on the producer price index: 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 Economic Commission for Europe The United Nations and the World Bank.

S.14 Relevance

S.14.1 User needs

The wholesale price index of goods and products satisfies the needs of a wide range of users, internal (sectoral statistics bodies), external (government agencies, economists, employees of management bodies and financial and economic services of enterprises, organizations, scientific, entrepreneurial and bank employees, teaching staff , students, media).

S.14.2 User satisfaction

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

S.14.3 Completeness / R1. Data completeness-share

The wholesale price index covers about 50% of the republic's wholesale sales.

At the end of 2018, the number of selected types of products for observation amounted to 452. As a result, 11,065 price quotations participated in the observation. All this ensures the quality of the calculated price index.

S.15 Accuracy and reliability (filled in according to the type of observation)
S.15.1 Overall accuracy

The accuracy and reliability of the calculated wholesale price indices for goods and products is ensured by conducting the optimum selected observation method.

The methodology for constructing the wholesale price index is based on international standards, which contain requirements for the selection of basic objects, statistical monitoring 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

Errors not related to sampling are not calculated, since no response corresponds to the lack of implementation in the enterprise.

S.15.3.1 Coverage error

Cannot be estimated due to targeted sampling.

S.15.3.1.1 A2.Excess coverage-share

Cannot be estimated due to targeted sampling

S.15.3.1.2 A3.Common units-Ratio

Cannot be assessed due to targeted sampling

S.15.3.3 Non-response errors

S.15.3.3.1 A4.Absence unit-share

The methods for calculating "notional" prices are applied in accordance with the Methodology for constructing the wholesale price index. 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 time taken to process the first results, from the time the respondents provided to the first publication of the wholesale price index, averaged 10 days. The first results are published on the 5th of the month after the reporting period 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 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.

Actual and planned dates coincide, there was no disruption to the publication dates for 2018. Release of the publication is postponed to the next business day if the publication falls on weekends or holidays.

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

Not

S.17.2 Comparable time series duration / CC2

The dynamic range of wholesale price indices for goods and products has been comparable and continuous since 2006.

S.18 Consistency

S.18.1 External consistency, cross

The main approaches to the methodology for constructing wholesale price indices have been agreed and developed taking into account the principles and recommendations of the "Guidelines for the Producer Price Index: 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 European Economic the United Nations Commission and the World Bank.

S.18.2 Internal consistency

Changes in wholesale prices of goods and products are consistent with changes in consumer prices in the main trends. Price trends for the wholesale price index and consumer price index in Kazakhstan for 2018:

2018

Индекс цен оптовых продаж   Индекс потребительских цен

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.

At the end of 2018, the number of respondents was 1,146, of which more than 90% report online.

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

There has been no revision of the data since 2006.

S.21 Processing of statistical data

S.21.1 Initial data

The wholesale price index is formed on the basis of data from national statistical observations of the wholesale prices (supplies) of goods and products (form 1-C (wholesale)).

Changes in wholesale prices are monitored for a sample of basic objects, goods, and products.

The construction of the wholesale price index provides for the formation of a weighing scheme that reflects the structure of wholesale trade. Using the weighing scheme, average prices are calculated by types, subspecies of goods, products and aggregate price indices for the region and the republic as a whole. Formation of the weighting scheme for the wholesale price index is carried out on the basis of average annual data on the cost of wholesale services for a certain base year. Formation of the weighing scheme in the republic is carried out: at the level of types, subspecies of goods, products - as the sum of values by region; at the level of classes, groups, sections of wholesale trade services - as the sums of incoming, sequentially across all levels of aggregation.

The formed weighing scheme has been used for several years. A complete replacement of the weighing scheme is carried out as significant structural changes in the wholesale turnover of the present time and the period used for the base one. The weighing scheme is revised for the upcoming reporting year in cases where it is necessary to connect for the survey of new types of wholesale services and a significant revision of previously selected types, subspecies of goods, products in the regions.

S.21.2 Inspection frequency

month

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

The submission of the statistical form 1-C (wholesale) "Report on the prices of wholesale sales (supplies) of goods, products" is carried out on paper on purpose to the "One window" of the territorial statistical bodies, 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 month, 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 provide 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 wholesale price index.

When registering wholesale prices, there are cases of failure to provide information on certain representative goods due to their temporary absence on sale. During the reporting year, to ensure the continuity of the dynamic series of price indices, prices for temporarily absent representative goods are replaced by using "conditional" prices or by imputing prices for temporarily absent representative goods.

The following replacement methods are applied:

1) using a "conditional" price equal to the price of the previous month;
2) the use of a "notional" price, adjusted for the change in prices for the same representative goods, but a different delivery lot or country of production;

3) the use of a "notional" price, adjusted for changes in prices for similar goods that are representatives of other basic objects.

When constructing the wholesale price index, the first substitution method is used, based on the fact of the sale of goods, products and reliably reflecting their price changes.

The use of a "conditional" price at the level of the price of the previous month is carried out until the next fact of sale of a representative product. In cases where it is impossible to register the price of a representative product for more than three months, the procedure for replacing the old variety of goods with a new representative product in the base object is applied.

The share of imputed data on average in 2018 to the total amount of data was 11.6%.

S.21.6 Adjustment

There are no statistical procedures and software used to adjust the time series.

S.21.6.1 Seasonal adjustment

Not implemented.

S.22 Notes

Continue work to ensure the quality of statistical data.