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

Quality report

Gross domestic product by production method for 2018

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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 National Accounts

S.1.3 Name of contact person

Torebekov Gabiden Orazbekovich

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

The main purpose of the System of National Accounts (hereinafter - SNA) is to provide a comprehensive conceptual framework and accounting structure that could be used to create a macroeconomic database suitable for analyzing and assessing the performance of the economy. The presence of such a database is a prerequisite for formulating sound and rational policies and making appropriate decisions.

The gross domestic product (hereinafter - GDP) by the production method is one of the main components of the integrated structure of the SNA; it is the sum of gross value added by type of economic activity, which increases by the amount of net taxes on products and imports.

Currently, the relevance of the formation of GDP is due to the need for economic analysis, building a macroeconomic model for forecasting. Therefore, participants in economic relations make high demands on the reliability, accuracy and timeliness of providing information on the rates of economic growth.

The main users are government bodies such as the Ministry of National Economy of the Republic of Kazakhstan, the Ministry of Finance of the Republic of Kazakhstan, research institutions such as the Institute for Economic Research JSC, international organizations such as the Eurasian Economic Commission and others.

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

GDP by the production method is formed at current and constant prices by type of economic activity. Gross value added (hereinafter - GVA) for six basic sectors (agriculture, forestry and fisheries, industry, construction, wholesale and retail trade, transport and warehousing, communications) is calculated as the difference between the output of goods and services and intermediate consumption. Financial activity is formed according to the data of the profit and loss statement of the National Bank of the Republic of Kazakhstan. For other types of activity, GVA is estimated by extrapolation. The calculation of taxes on products in current and constant prices is formed according to the data of the "Report on the execution of the state budget" of the Ministry of Finance of the Republic of Kazakhstan and price statistics.

S.4.2 Classification system

General classifier of economic activities (NK RK 03-2007), harmonized with the international classifier NACE rev. 2.
The classifier 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 "Classifiers" section.

S.4.3 Sectoral coverage

Not applicable.

S.4.4 Statistical concepts and definitions

GDP is one of the most important indicators of the level of socio-economic development of a country. This indicator is used in the formation of a macroeconomic model for forecasting.
In addition, the volume and rate of GDP growth, along with the inflation rate, refer to the initial macroeconomic indicators used in the preparation of the republican budget for the next financial year.
Basic concepts with corresponding definitions according to SNA 2008:

1) 1) gross output is the total value of goods and services produced in the economy in the reporting period;

2) 2) intermediate consumption is equal to the value of goods and services that are transformed or completely consumed in the production process in the reporting period;

3) 3) volume index (IFO) - a relative indicator characterizing the change in production volumes in the compared periods. It is calculated by dividing the value of a certain indicator in the current period, estimated in the prices of the reference period, by its value in the reference period;

4) 4) deflator - an indicator that characterizes the average change in prices in the economy for a certain period;

5) 5) taxes on products include taxes, the amount of which directly depends on the value of products produced and services rendered. Product taxes include: value added tax, excise taxes, tax on imported goods and services, and others;

6) 6) subsidies for products - current uncompensated payments from the State budget to enterprises, provided that they produce a certain type of goods and services.

S.4.5 Statistical object

Economic activities.

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

Not applicable.

S.4.7 Territorial coverage

Republic of Kazakhstan as a whole.

S.4.8 Time coverage

2007-2018 years.

S.4.9 Base period

The base period is the corresponding period of the previous year.

S.5 Unit of measurement

Million Kazakh tenge

S.6 Reporting period

year

S.7 Legal basis

1. S. 7.1 Legal framework
2. 1. Law of the Republic of Kazakhstan dated March 19, 2010 No. 257-IV "On state statistics".
3. 2. 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.

3. The 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.

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 No. 257-IV "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 No. 375-V 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 computer equipment under the conditions of its integrity and authenticity.

S. 8.2 Confidentiality - data handling

Not used.

S.9 Publication Policy

S.9.1 Publication 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 statistical work plan and the Schedule for the dissemination of official statistical information 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 "Home" / "Basic documents".

S.9.2 Access to the Graph

Simultaneous and equal access for all users to 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. Official statistical information> Operational data (express information, bulletins)> National accounts - Integrated accounts.

S.10 Propagation frequency

Year

S.11 Dissemination format, accessibility and clarity

S.11.1 News publications

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" / Press Service> News - Press releases of the Committee, a press release "Gross Domestic product (operational data) ".

S.11.2 Publications

Express information and spreadsheets "Gross Domestic Product by Production Method" are 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.

Placed in the section official statistical information> Operational data (express information, bulletins)> National accounts - Integrated accounts.

In addition, data on GDP by production method are placed in the main section> dynamics of basic socio-economic indicators> basic socio-economic indicators of the Republic of Kazakhstan.

S.11.3 Databases in on-line mode

Information and analytical system "Taldau"> SNS> Current accounts> Production account.

S.11.3.1 AC1. Data tables-consultation

Not implemented.

S.11.4 Microdata access

The dissemination of data collected for the preparation of official statistics is based on the requirements provided for in Article 8 of the Law of the Republic of Kazakhstan dated March 19, 2010 "On State Statistics", in accordance with which the confidentiality and protection of the submitted data by respondents is guaranteed.

Access to microdata and anonymity of microdata are governed by the Rules for the provision and use of databases for scientific purposes 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.

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

1. System of National Accounts, 2008 (published by the Commission of the European Communities EUROSTAT, International Monetary Fund (IMF), Organization for Economic Cooperation and Development (OECD), United Nations (UN), World Bank) https://unstats.un.org/ unsd/ nationalaccount / docs / SNA2008Russian.pdf.

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 data for national accounts statistics is supported by generally accepted procedures:

- formation in accordance with international recommendations to ensure the comparability of data in accordance with international standards;
- use of standard statistical classifications of goods, products, services;
- a comparative analysis of statistical data (in dynamics, with administrative data, intersectoral) is carried out.

S.13.2 Quality assessment
S.14 Relevance
S.14.1 Needs

Main users:
state bodies (Ministry of National Economy of the Republic of Kazakhstan and others);

research institutes (Institute for Economic Research and others);

international organizations (EAEC and others);

university teachers, students and others.

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
In accordance with the international standard SNA2008.

S.15 Accuracy and reliability (to be completed according to the type of observation)

S.15.1 Overall accuracy

The accuracy of the initial data is controlled by assessing the methodological soundness of data sources and adherence to methodological recommendations.

S.15.2 Sample errors - indicators / A1.

Not applicable.

S.15.3 Non-sampling error

Not applicable.

S.15.3.1 Coverage error

Not applicable.

S.15.3.1.1 A2. Overcoverage-share

Not applicable.

S.15.3.1.2 A3. Common units-ratio
Not applicable.

S.15.3.3 No response errors

S.15.3.3.1 A4.Absence unit-share

Not applicable.

S.15.3.3.2 A5. No response-share clause

Not applicable.

S.16 Timeliness and punctuality

S.16.1 Timeliness

S.16.1.1 TP1 Waiting period - first results

Data are released 45 days after the reporting period (T + 45). S.16.1.2 TP2 Waiting Period - Latest Results

GDP data are published according to the dates specified in the Statistical Work Plan annually. The first results are immediate.

S.16.2 Punctuality

S.16.2.1 Punctuality / TP3

The data are published and disseminated in accordance with the Statistical Work Plan approved by the order of the Minister of the Ministry of National Economy of the Republic of Kazakhstan and the 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.

S.17 Comparability

S.17.1 Geographic comparability

Internationally comparable as calculations are carried out in accordance with the 2008 SNA methodology.

S.17.1.1 Asymmetry on Mirror Stream Statistics - Coefficient / CC1

Unacceptably.

S.17.2 Length of comparable time series / CC2

Since 2011, GDP by the production method (annual on a monthly basis) is formed in accordance with the General Classifier of Economic Activities (OKED, GK RK 03-2007), harmonized with the international classifier NACE rev. 2.

S.18 Consistency

S.18.1 Consistency, external, cross

Calculations are carried out in accordance with the methodology of the System of National Accounts 2008 prepared by the International Monetary Fund (IMF), the Organization for Economic Cooperation and Development (OECD), the Statistical Office of the European Communities (Eurostat), the United Nations (UN) and the World Bank, which ensures the application uniform concepts, definitions, classifications and assessment methods.

S.18.2 Internal consistency

Within the system of national accounts, there is consistency between national accounts data. However, complete consistency is not always possible as a result of using different data sources.

S.19 Load

GDP is formed by the staff of the Bureau of national statistics of the Agency for strategic planning and reforms of the Republic of Kazakhstan in Excel mode. Departmental and administrative data are also used in the formation of GDP indicators.

Duplication with other statistical work - no.

S.20 Revision of data

S.20.2 Revision of data / A6

Revision in cases of changes in the methodology, classifier.

S.21 Processing of statistical data

S.21.1 Input

The initial data for the formation of GDP by the production method are:

industry statistics data:

- release of goods and services;
- the actual number of employees;
- average monthly salary of one employee;
- the total area of commissioned residential buildings;
- price indices;
- other data;
- departmental and administrative data:
- profit and loss statement of the NBRK (National Bank of the Republic of Kazakhstan);
- consolidated income statement for insurance (reinsurance) organizations of the Republic of Kazakhstan (National Bank of the Republic of Kazakhstan);
- profit and loss statement of Unified Accumulative Pension Fund JSC (National Bank of the Republic of Kazakhstan);
- report on the execution of the state budget (Ministry of Finance of the Republic of Kazakhstan).

S.21.2 Inspection frequency

year

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

The results of national statistical observations were received in the form of an Excel table from the sectoral departments of statistics.

Departmental and administrative data were obtained in the form of an Excel spreadsheet within the framework of existing joint orders on the exchange of information with state bodies, upon requests through the ESEDI and from the official websites of data sources.

S.21.4 Reliability of primary statistical data

The analysis of the time series data, the maximum and minimum values of indicators and control lines is carried out.

S.21.5 Imputation - share / A7

Not applicable.

S.21.6 Correction

Not applicable.

S.21.6.1 Seasonal adjustment

Not applicable.

S.22 Notes

Not available.