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S.11.3.1 AC1.

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2, 2010 N . 168.

A 13, 2010 N . 6388.

S.11.5

S.11.5.1 AC2.

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S.12 Availability of Documentation

S.12.1 Methodology documentation

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/SN_A2008Russian.pdf.

S.12.2 Quality documentation

1. Quality policy approved by the Head of the Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan on November 16, 2020.
2. Documented information of the quality management system: Quality manual; Documented procedures; Instructions; Process maps.
3. Typical methodology for describing the process of producing statistical information by state bodies, approved by the Order of the Chairman of the Committee on Statistics of the Ministry of National Economy of the Republic of Kazakhstan dated March 30, 2015 No. 53.
4. Methodology for assessing the quality of official statistical information, approved by the Order of the Chairman of the Committee on Statistics of the Ministry of National Economy 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 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;
- conducting a comparative analysis of statistical data.

S.13.2 Quality control

The quality is ensured by the strict application of the concepts of the international standard SNA 2008 and the reliability of the data.

S.14 Relevance

S.14.1 Needs

National accounts data are key information for monitoring economic policy and decision-making, forecasting, for administrative purposes and for informing the general public and for economic research. Users of annual national accounts data are usually interested in analyzing structural changes in the economy over the medium term.

Main users:

National Bank of the Republic of Kazakhstan;

government bodies;

research institutes;

international organizations (EAEC, CIS Statistical Committee and others);

university teachers, students and others.

S.14.2 User satisfaction

The Bureau of National Statistics of the Agency for Strategic Planning and Reforms of the Republic of Kazakhstan annually conducts a survey of users of official statistical information according to the questionnaire Q-002 “Survey of users”. In addition, responses to user requests are formed both officially and in a working order within the competence.

S.14.3 Completeness / R1. Data completeness-share

In accordance with the international standard SNA 2008.

S.15 Accuracy and reliability (filled in 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 Sampling 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.Excess coverage-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 answer item - share

Not applicable.

S.16 Timeliness and punctuality

S.16.1 Timeliness

S.16.1.1 TP1.Waiting period - first results

The end-use GDP is published according to the timeframes specified in the Statistical Work Plan. Quarterly data (cumulative) are published 105 days after the reporting period, preliminary annual data - 120 days after the reporting period.

S.16.1.2 TP2.Waiting Period - Latest Results

Final annual data are published 320 days after the reporting period.

S.16.2 Punctuality

S.16.2.1 Punctuality / TP3

The data are published and disseminated in accordance with the terms of the Statistical Work Plan.

According to the Statistical Work Plan for 2020, the deadline for publication of express information "Gross Domestic Product by end-use method for 2019" is April 30, 2020 (preliminary) and November 16, 2020 (reporting).

Components of GDP by end-use method

for 2019

	Preliminary data, million tenge	Reporting data, million tenge	Discrepancy, %
Final Consumption Expenditure	42 497 817,8	42 700 693,7	0,5
Gross capital formation	18 605 173,9	19 210 178,5	3,3
Export	25 196 798,6	25 336 984,8	0,6
Import	19 232 858,9	19 760 914,8	2,7
GDP (end-use method)	67 066 931,4	67 486 942,2	0,6

IFO components of GDP by end-use method for 2019, as a percentage of the previous year

	Preliminary data	Reporting data
Final Consumption Expenditure	107,2	107,4
Gross capital formation	109,0	112,2
Export	102,2	102,0
Import	111,6	114,9
GDP	104,5	104,5

The reported data provide a more complete coverage of sources of information required for a qualitative assessment of GDP and its components. For example, one of the sources for calculating the GFCF is data 11 of the "Report on the state of fixed assets" form, submitted by respondents only on an annual basis. Changes in the IFO components of GDP are due to changes in nominal values in the reporting period. A weighted deflator is used to calculate the indicator in prices of the base period. Accordingly, a change in the structure in the GDP component leads to a change in the deflator and, accordingly, its IFO.

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 by mirror flow statistics - coefficient / CC1

Unacceptably.

S.17.2 Length of comparable time series / CC2

Time series published since 1990 (annual data).

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 SNA, there is consistency between the data of the various accounts. However, in practice, complete consistency of indicators is not always possible. For example, in the formation of GDP by methods of production and end use. The reason is the use of different data sources for the supply and use components of GDP.

A comparative table between the values of GDP calculated by different methods is presented below:

GDP calculated by production and end-use methods in 2019

	1st quarter 2019	1st half-year 2019	9 months 2019	2019
GDP by production method, million tenge	13 180 857,2	27 908 618,1	44 297 912,1	69 532 626,5
GDP by end-use method, million tenge	12 687 121,6	27 343 030,2	43 619 848,5	67 486 942,2
Statistical discrepancy,%	3,7	2,0	1,5	2,9

The average annual statistical discrepancy between the methods was 2.5%.

One of the possible ways to level it is to recalculate the GDP after obtaining the data from the resource-use tables (hereinafter referred to as RUT). RUT provides more detailed, product-specific information on all components of GDP calculated by different methods. Such a recalculation will contribute to a higher quality of GDP components.

Further, as can be seen from the presented table, the level of discrepancy between the methods fluctuates from period to period. Such leaps during the year should be smoothed out after the introduction into current practice of calculating GDP on a discrete basis and recalculating net quarters after the annual estimates are obtained. Currently, there is a high share of the 4th quarter, since all data obtained on an annual basis are included in the difference between annual GDP and GDP for 9 months.

Due to the fact that there is currently no statistical survey of non-profit units (non-market producers), the data on the NPISH sector in GDP is an estimate (NPISH gross output and NPISH final consumption expenditure). To address this issue, it is possible to propose the introduction of a statistical survey of non-profit organizations, which would serve as a reliable source of information in the formation of NPISH indicators in national accounts.

S.19 Load

The gross domestic product by the end-use method is formed by the staff of the Department of National Accounts in Excel based on the indicators of national statistical observations and administrative data.

Duplication with other statistical work - no.

S.20 Revision of data

S.20.2 Data revision / A6

The revision is carried out in cases of changes in the methodology, classifier.

1) Data are revised in accordance with the terms specified in the Statistical Work Plan annually. Preliminary annual data are published 120 days after the reporting period. Annual reporting data is published 320 days after the reporting period.

2) Revision in cases of changes in methodology, classifiers.

In 2019, the current practice of forming VNOK was optimized. When recalculating GDP, taking into account the new NOE methodology, it is also planned to recalculate the VNOK for comparability of indicators in dynamics.

Formation of VNOK is carried out according to the following main groups

SNA code	Name
TOTAL VNOK	
AN111	Residential buildings
AN112	Other buildings and structures
AN1121	Non-residential buildings
AN1122	Constructions
AN1123	Land improvements
AN113	Machinery and equipment
AN1131	Vehicles and equipment
AN1132	Information, computer and telecommunication equipment
AN1133	Other machinery and equipment
AN1133	Other fixed assets
AN114	Weapon systems (Weapons and their parts, Military combat vehicles)
AN115	Biological assets
	Fixed assets not included in other groups
	Costs associated with the transfer of ownership of non-produced assets
AN116	
AN117	Intellectual property products
AN1171	Research and development
AN1172	Exploration and evaluation of mineral reserves
AN1173	Computer software and databases
AN1174	Originals of entertainment, literary and artistic works
AN1179	Other intellectual property products

Since 2019, the accounting of fixed assets has been carried out in more disaggregated groups, and the VNOK is formed for each type of asset separately, data on subgroups are added to the corresponding groups. The problem areas in the structure of the GFCF remain the assessment of weapons systems and R&D (to complete the transition to the 2008 SNA, the structure of GDP must also reflect the capitalization of R&D in the form of changes in gross output, intermediate consumption, wages, consumption of fixed capital and GFCF).

IFO VNOK is calculated based on the resulting asset structure.

S.21 Processing of statistical data

S.21.1 Initial data

The sources of information for the formation of GDP by the end-use method are:
components of GDP by the production method;

industry statistics data;

Balance of payments of the Republic of Kazakhstan, (National Bank of the Republic of Kazakhstan);

reports on revenues and expenditures of the state budget (Ministry of Finance of the Republic of Kazakhstan).

S.21.2 Inspection frequency

Year, quarter

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

The results of national statistical observations are obtained in the form of an Excel spreadsheet from industry statistics.

Administrative data were obtained in the form of an Excel table within the framework of existing joint orders on the exchange of information with government agencies, upon requests through the ODO and from the official websites of data sources.

S.21.4 Reliability of primary statistical data

Analysis of data obtained from sectoral departments of statistics and administrative sources is carried out. During the verification process, the results obtained are compared with the previous period.

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

Continue work to ensure the quality of statistical data.