

Gross domestic product by expenditure approach, at constant prices, at quarterly level

MS_BDP.TP.3_Q_EN_2020_4

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for quarterly calculations of GDP and calculations of GDP at constant prices	
1.3	Contact name
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1.4	Contact person function
Head of department	
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2	Metadata update
2.1	Metadata last certified
26/12/2018	
2.2	Metadata last posted
08/05/2013	
2.3	Metadata last update

25/01/2023	
3	Statistical presentation
3.1	Data description
Data for calculated expenditure aggregates of GDP at previous year prices, at prices of reference 2005, implicit deflators and volume indices.	
3.2	Classification system
Classification of Products by Activity KPD; European Classification of Individual Consumption according to Purpose, 2010, eCOICOP.	
3.3	Sector coverage
3.4	Statistical concepts and definitions
Gross Domestic Product by expenditure approach, at constant prices, quarterly, presents the final use, i.e. consumption of final goods and services produced in the domestic economy for final consumption, gross capital formation and net exports of goods and services calculated at prices of the previous year. The estimated cost units needed for the calculation of GDP at constant prices, quarterly are adjusted by: European System of Accounts ESS95, ESA 2010; System of National Accounts SNS93, SNS2008; Regulation (EC) no.2223 / 96 Council of Europe, 25 June 1996; Manuals of Eurostat. Cost units: Households final consumption, General government final consumption, Gross capital formation -Investments in fixed assets -Changes in inventories and net acquisition of valuables Export of goods and services, -Export of goods -Export of services -Non-residents purchases in the country, Import of goods and services, -Import of goods -Import of services.	
3.5	Statistical unit
3.6	Statistical population
3.7	Reference area
Republic of North Macedonia	
3.8	Time coverage
Since 1998 to 2008, according to the ESA 95. Since 2000 according to the ESA 2010.	
3.9	Base period
Reference 2005, the previous year (T-1).	
4	Unit of measure
Million denars, implicit deflators, volume indices.	
5	Reference period
Quarter.	

6	Institutional mandate
6.1	Legal acts and other agreements
<p>"National: Law on State Statistics of the Republic of Macedonia (""Official Gazette"" no. 54/97, 21/07, 51/11, 104/13, 42/14,192/15, 27/16,83/18 and 220/18) and the Programme for Statistical Surveys 2018-2022(' Official Gazette of the Republic of Macedonia"" no. 20/13, 24/14, 13/15 and 22/18). International: -European system of accounts ESA 2010 Regulation (EC) no. 549/2013 of the European Council of 21 May 2013, on the European system of national and regional accounts in the text of the European Union with EEA relevance; -System of National Accounts SNS2008 (Interministerial Working Group Secretariat of National Accounts (ISWGNA), which consists of five organizations: Statistical Office of the EC (Eurostat), the International Monetary Fund (IMF), the Organisation for Economic Cooperation and Development (OECD) , Statistics division of the United Nations and regional commissions of the United Nations, Secretariat and the World Bank)."</p>	
6.2	Data sharing
<p>The data are shared after the announcement with Eurostat, IMF and UN.</p>	
7	Confidentiality
7.1	Confidentiality - policy
<p>All individual or personal data, in each phase of statistical processing, are treated as confidential data and may be used only for statistical purposes. When releasing data from this survey at an aggregated level, there is no need for additional data treatment for the purpose of ensuring confidentiality.</p> <p>The collected data of this analytical research is used as an input for the calculation of the necessary indicators from which the GDP is further calculated according to the expenditure method, at constant prices. Since part of that data is not published and was obtained in a combined way (statistical surveys of the SSO, the Ministry of Finance, the Public Revenues Office and other relevant institutions), they are protected by the Law on State Statistics.</p>	
7.2	Confidentiality - data treatment
<p>"The collected data in this analytic research are used as input for the calculation of the required indicators that further are used for calculating GDP by expenditure approach at constant prices. Given the fact that some parts of these data are not published and are obtained in a combined way (Statistical studies of the SSO, Ministry of Finance, Central Bank and other relevant institutions) they are protected by the Law on State Statistics.</p>	

8	Release policy
8.1	Release calendar
Data are released in accordance with the Release Calendar, which is published on the web site of the State Statistical Office. The Release Calendar is prepared annually before the beginning of each year and is updated quarterly.	
8.2	Release calendar access
http://www.stat.gov.mk/Kalendar_nov.aspx	
8.3	User access
In accordance with the dissemination policy, all users have equal access to statistical data at the same time. Data are released on the web site at the same time for all users, which are informed with the Release Calendar, and no user has privileged access.	
9	Frequency of dissemination
quarterly.	
10	Accessibility and clarity
10.1	News release
"Quarterly press release: ""Gross domestic product, quarterly data."" http://www.stat.gov.mk/PrikaziSoopstenie.aspx?rbtxt=31	
10.2	Publications
10.3	On-line database
MAKStat-database available on the website of the SSO. http://makstat.stat.gov.mk/PXWeb/pxweb/mk/MakStat/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef	
10.4	Micro-data access
According to the Law on State Statistics (Article 41) and the Policy on Access to Anonymised Microdata for scientific purposes, data collected for the purpose of official statistics may be used for scientific purposes if there is no risk of direct or indirect identification, i.e. disclosure of data individuality. Access to microdata is possible only in the safe room at the SSO, based on a submitted and approved request and a signed agreement. GDP by expenditure approach at constant prices, per year is not calculated as micro data.	
10.5	Other
At the request of the users, the data is prepared in a form according to their needs.	
10.6	Documentation on methodology

Methodological explanations are published on the website of the State Statistical Office.
http://www.stat.gov.mk/MetodoloskiObjasSoop_en.aspx?id=31&rbrObl=7

10.7 Quality documentation

Gross domestic product by expenditure approach at constant prices, on quarterly level, because it is analytical research, no quality report.

11 Quality management

11.1 Quality assurance

The commitment of the SSO to ensuring quality of products and services is described in the Law on State Statistics, the Strategy of the State Statistical Office (http://www.stat.gov.mk/ZaNas_en.aspx?id=6) and the Quality Policy of the State Statistical Office (http://www.stat.gov.mk/pdf/Politika_za_kvalitet_en.pdf), as well as in the continuous efforts for harmonisation with the European Statistics Code of Practice. The main aspects and procedures for quality management in the phases and sub-phases of the Statistical Business Process Model, as well as the good practices for ensuring quality are documented in the internal document called "Guide for ensuring quality of statistical processes". Input and output metadata, as well as relevant quality indicators for certain sub-processes are described in the document "Guide for survey managers".

11.2 Quality assessment

12 Relevance

12.1 User needs

The calculated GDP, by expenditure approach, at constant prices, quarterly, is used by: Government in order to create economic policy and development, the National Bank of Republic of North Macedonia which performs projection for the GDP and growth of the economy, some organizations and individuals for their individual use, etc.

12.2 User satisfaction

The State Statistical Office conducts the User Satisfaction Survey at the domain level in 2009 for the first time. This Survey is conducted every three years and the last one was in 2015.
http://www.stat.gov.mk/Dokumenti/izvestai/IzvestajAnketaZadovNaKorisnici2015_en.pdf

12.3 Completeness

13 Accuracy and reliability

13.1 Overall accuracy

Not applicable.

13.2 Sampling error

Not applicable.	
13.3	Non-sampling error
Not applicable.	
14	Timeliness and punctuality
14.1	Timeliness
T+62.	
14.2	Punctuality
Data are disseminated within the established deadlines in accordance with the Release Calendar.	
15	Coherence and comparability
15.1	Comparability - geographical
There is geographical comparability of the released data at national level. With respect to geographical comparability with other EU countries, it is also ensured because data are collected in line with EU regulations.	
15.2	Comparability - over time
Since the first quarter of 1997, according to ESA95 and the Classification of activities NKD Rev. 1. Since the first quarter 2000 in accordance with ESA 2010 and the Classification of activities NKD Rev. 2.	
15.3	Coherence - cross domain
Data are partially coherent. For calculation of GDP by expenditure approach, at constant prices, quarterly, data from other statistical surveys of the SSO, Ministry of Finance, Central Bank, are used. From this data, relevant indicators are calculated, used to calculate GDP by expenditure approach, at constant prices, quarterly. The estimated GDP data, by expenditure approach, at constant prices, quarterly according to these cost aggregates, are compared with data from the State Statistical Office, the Ministry of Finance and the Central Bank. Before we compare the data, first the methodologies for the calculation of the respective categories are reviewed and then the attic of methodological differences at the highest level of comparability is done in order to check the authenticity, accuracy of data collected from this analytical study with other studies.	
15.4	Coherence - internal
Internal coherence of data is ensured. The quarterly data on the gross domestic product by expenditure approach, at constant prices, given the scope of the institutional units and methods used in the calculations, are generally stable.	
16	Cost and burden
17	Data revision

17.1	Data revision - policy
In accordance with the Statistical Data Revision Policy. http://www.stat.gov.mk/ZaNas.aspx?id=25	
17.2	Data revision - practice
Revision of data is done by changing of SNS 2008, ESS 2010. Minor or major revisions of the estimated GDP by expenditure approach, at constant prices, quarterly is performed depending on the changes in previously submitted data from other statistical surveys of SSO, the Ministry of Finance, the Public Revenue Office and other relevant institutions which are used as input for the calculation of GDP by expenditure approach, at constant prices, quarterly. The reason for the revision of these data may also be changes at the European level such as the change of the European System of Accounts ESS95, ESA 2010; System of National Accounts SNS93, SNS2008, etc.	
18	Statistical processing
18.1	Source data
Data source: Statistical Research of SSO, the Ministry of Finance, the Public Revenue Office, Central Registry, the National Bank of Republic of North Macedonia and other relevant institutions.	
18.2	Frequency of data collection
quarterly.	
18.3	Data collection
Data collection is performed quarterly, electronically: -Central Registry and the Ministry of Finance in CD format; -Public Revenue Office on-line directly to the database; -NBRNM in Excel format; -The Statistical surveys of the State Statistical Office in Excel format.	
18.4	Data validation
Verification of data is performed during the entire process of calculation in accordance with the criteria for calculation of the relevant indicators.	
18.5	Data compilation
Editing: the collected data, necessary for the calculation of GDP by expenditure approach, at constant prices, quarterly, are calculated according to the defined rules for calculation in Excel format.	
18.6	Adjustment
19	Comment
A.1	Annexes