

Gross domestic product by production approach, at current prices, at quarterly level

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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 and calculation of GDP by current prices	
1.3	Contact name
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2	Metadata update
2.1	Metadata last certified
24/12/2018	
2.2	Metadata last posted
17/01/2017	
2.3	Metadata last update

25/01/2023

3**Statistical presentation****3.1****Data description**

Data for gross value of production, gross value added, taxes on products, at current prices, at quarterly level.

3.2**Classification system**

National Classification of Activities - NACE Rev. 2.

3.3**Sector coverage**

NACE Rev. 2. (A*10) sectors:

A-Agriculture, forestry and fishing;

BCDE-Mining and quarrying; Manufacturing; Electricity, gas, steam and air conditioning supply; Water supply; sewerage, waste management and remediation activities;

C-Manufacturing;

F-Construction;

GHI-Wholesale and retail trade; repair of motor vehicles and motorcycles; Transportation and storage; Accommodation and food service activities ;

J-Information and communication;

K-Financial and insurance activities;

L-Real estate activities;

MN-Professional, scientific and technical activities; Administrative and support service activities;

OPQ-Public administration and defence; compulsory social security; Education; Human health and social work activities and

RST-Arts, entertainment and recreation; Other service activities; Activities of households as employers; undifferentiated goods- and services-producing activities of households for own use.

3.4**Statistical concepts and definitions**

"Gross value of production represents the value of the produced goods and services during one quarter calculated at current prices. Gross value added is calculated as the difference of gross output and intermediate consumption at current prices. Gross domestic product is calculated as the sum of gross value added and taxes on products calculated at quarterly level. Data of the gross value of production, gross value added, taxes on products quarterly are harmonized by: ESA 2010; System of National Accounts SNS2008; Handbook ""Quarterly National Accounts"" of the IMF, 2001; Handbook ""Quarterly National Accounts"" Eurostat, 2013."

3.5	Statistical unit
3.6	Statistical population
3.7	Reference area
	Republic of North Macedonia
3.8	Time coverage
	Since the first quarter of 1997, according to ESA95 and classification of activities NACE Rev. 1. Since the first quarter 2000 in accordance with ESA 2010 and the Classification of activities NACE Rev. 2.
3.9	Base period
4	Unit of measure
	Million denars.
5	Reference period
	Quarter.
6	Institutional mandate
6.1	Legal acts and other agreements
	National: Law on State Statistics ("Official Gazette of the Republic of Macedonia" No. 54/97, 21/07, 51/11, 104/13, 42/14, 192/15, 27/16, 83/18 and 220/18), Programme of 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 (Inter-ministerial working group of the 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).
6.2	Data sharing
	Quarterly data to: Eurostat, IMF and the UN.
7	Confidentiality
7.1	Confidentiality - policy
	Data are protected by the Law on State Statistics. Data collected with statistical surveys from the reporting units or indirectly from administrative or other sources are confidential data and are used only for statistical purposes. Results from the statistical processing may also generate

information considered as confidential, for example: anonymised individual data, tables with low level of aggregation, as well as unreleased data. The Policy on Statistical Confidentiality contains the basic principles used in the SSO.

7.2 Confidentiality - data treatment

The collected data in this analytic research are used as input for the calculation of the required indicators and further calculates GDP by production approach at current prices. As part of these data are not published and are obtained in a combined way (statistical surveys of SSO, the Ministry of Finance, the Public Revenue Office and other relevant institutions), they are protected by Law on State Statistics.

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/en/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. <http://www.stat.gov.mk/ZaNas.aspx?id=22> GDP by production approach, at current prices, on quarterly level are not calculated as micro data.

10.5 Other

The data are sent to Eurostat in SDMX format published on the website of the institution.

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

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

Quarterly users of the calculated GDP by production approach at current prices are: Government of the RM in order to create economic policy and development; the National Bank of the RNM which performs projection for the GDP and projected growth of the economy; some organizations and individuals for their individual use, etc.

12.2 User satisfaction

Starting from 2009, the State Statistics Office conducts a Satisfaction Survey every three years.

12.3	Completeness
In terms of the indicators provided by the European Commission Regulations, SSO provides almost 100% of them.	
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
The data produced at national level. Comparability is provided at international level.	
15.2	Comparability - over time
Since the first quarter of 1997, according to ESA95 and the Classification of activities NACE Rev. 1. Since the first quarter 2000 in accordance with ESA 2010 and the Classification of activities NACE Rev.	
15.3	Coherence - cross domain
Data are partially coherent. GDP by production approach at current prices are calculated with data from other statistical surveys of SSO, the Ministry of Finance, the Public Revenue Office. These data are used for calculation relevant indicators. The calculated data on GDP by production approach at current prices, according to NACE Rev. 2, are compared with data from other departments - business statistics at the SSO. Before we compare the data, first reviewed the methodologies for the calculation of the relevant sectors of NACE Rev. 2 from business statistics and national accounts, and then the attic of methodological differences at the highest level of comparability in order to check the authenticity and accuracy the collected data, this analytical study with other studies.	

15.4	Coherence - internal
<p>Internal coherence of data is ensured. The data calculated for GDP at current prices by production approach, are based on previously calculated indicators derived from additional calculations submitted data from other statistical surveys of SSO, the Ministry of Finance, the Public Revenue Office and other relevant institutions. These data are estimated data. These estimated data are benchmark with the submitted incomplete initial data from the final accounts of the Central Registry and are allocated on the basis of these calculated indicators (including estimated data) on the quarterly level. These data are preliminary. By getting the final data on the financial statements from Public Revenue, again made benchmark and allocation of annual data on GDP at current prices to the quarterly level. These data are definitive. These definitive data are perform to further analysis and comparison between estimated, previous and final data in order to determine the reasons for the differences of these three types of data.</p>	
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
<p>Revision of data is done by changing SNS2008, ESS 2010. Minor or major revisions of the GDP by production approach at current prices, at quarterly level are provided 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.</p> <p>A regular revision of the calculated GDP according to the production method, at current prices, at a quarterly level, is done once a year in December with third quarter of GDP for the current year.</p> <p>The reason for the revision of these data can also be changes at European level such as the change of the European System of Accounts ESS95, ESA 2010; System of National Accounts SNS93, SNS2008 changes of NACE etc.</p>	
18	Statistical processing
18.1	Source data
Source of data are: statistical surveys of the SSO, Ministry of Finance, Public Revenue Office and other relevant institutions.	
18.2	Frequency of data collection
Quarterly.	

18.3	Data collection
Data collection is done quarterly on combined way (electronics - from other statistical and administrative sources and by sample- Quarterly report on the calculation of value added and gross fixed capital DV.KV.IN).	
18.4	Data validation
Verification of data is performed during the whole proces and calculation in accordance with the criteria for the calculation of relevant indicators.	
18.5	Data compilation
Editing: the data collection necessary for the calculation of GDP by production approach at current prices on quarterly level, calculated according to the defined rules for calculation in Excel format.	
18.6	Adjustment
Leveling (seasonal) the data is performed using software NbDemetra 2.2.0, which uses the Tramo / Seats specification.	
19	Comment
A.1	Annexes