

Regional accounts

RSAS_REG.S/KI_A_EN_2020_1

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for satellite accounts.	
1.3	Contact name
Vilma Gudeska	
1.4	Contact person function
Adviser	
1.5	Contact mail address
Dame Gruev 4, 1000 Skopje, Republic of North Macedonia.	
1.6	Contact email address
vilma.gudeska@stat.gov.mk	
1.7	Contact phone number
00389 2 3295 680	
1.8	Contact fax number
00389 2 3111336	
2	Metadata update
2.1	Metadata last certified
31/10/2022	
2.2	Metadata last posted
31/10/2022	
2.3	Metadata last update
31/10/2022	

3	Statistical presentation
3.1	Data description
	<p>Regional accounts provide data for:</p> <ul style="list-style-type: none"> - Gross domestic product (by regions, by per capita), - Gross value added (by Sector of activity, NKD Rev.2, by regions), - Gross fixed capital formation (by Sector of activity, NKD Rev.2, by regions).
3.2	Classification system
	<ul style="list-style-type: none"> - National classification of activities, NKD Rev.2. https://www.stat.gov.mk/Nacionalni_Klasifikacii2_en.aspx?rbr=1 - Nomenclature of territorial units for statistics, NTES, NTES 3 (Statistical regions). https://www.stat.gov.mk/Nacionalni_Klasifikacii2_en.aspx?rbr=17
3.3	Sector coverage
	<p>All sectors of the National classification of activities, NKD Rev.2.</p> <p>https://www.stat.gov.mk/Nacionalni_Klasifikacii2_en.aspx?rbr=1</p>
3.4	Statistical concepts and definitions

The concepts and definitions used in the regional accounts are in accordance with: European System of Accounts ESC 2010, Eurostat, 2013, <https://ec.europa.eu/eurostat/documents/3859598/592>

Manual on regional accounts methods, 2013
, <https://ec.europa.eu/eurostat/documents/3859598/5937641/KS-GQ-13-001-EN.PDF/7114fba9-1a3f-43df-b028-e97232b6bac5>

The basic categories that are calculated in the regional accounts are:

Gross domestic products at market prices is the final result of the production activity of the resident producer units and it is the sum of gross value added of the various institutional sectors or the various industries at basic prices plus value added, import duties less subsidies on products.

Gross value added at basic prices is the basic category of GDP and it is defined as a balance between gross output and intermediate consumption.

Gross fixed capital formation in the reference year represents the total value of acquisition of fixed assets less disposals (sales) of fixed assets in the accounting period and increased by some additions of value of non-produced assets.

3.5	Statistical unit
Business Entities.	
3.6	Statistical population
All Business Entities.	
3.7	Reference area
-NTES 1 and 2 (Republic of North Macedonia), -NTES 3 (regions)	
3.8	Time coverage
From 2000 year to 2020 year.	
3.9	Base period
Not applicable.	
4	Unit of measure

Million denars, Denars (den.)	
5	Reference period
Year (calendar year from 01.01. to 31.12.)	
6	Institutional mandate
6.1	Legal acts and other agreements
<p>NATIONAL LEGISLATION</p> <p>Law on State Statistics ("Official Gazette of the Republic of Macedonia" No. 54/1997, 21/2007, 51/2011, 104/2013, 42/2014, 192/2015, 27/16, 83/18, 220/18 and "Official Gazette of the Republic of North Macedonia" No. 31/20) (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx Programme of Statistical Surveys 2018-2022 ("Official Gazette of RM" No. 22/18, 224/18 and "Official Gazette of the Republic of North Macedonia" No. 18/20 and 300/20.) (https://www.stat.gov.mk/ZaNas_en.aspx?id=8).</p>	
6.2	Data sharing
<p>The data is sent by eDAMIS to Eurostat.</p> <p>Data for the period from 2000 to 2020 were sent.</p>	
7	Confidentiality
7.1	Confidentiality - policy
<p>1. The protection of individual data is regulated by the Law on State Statistics (https://www.stat.gov.mk/ZaNas_en.aspx?id).</p> <p>2. The basic principles and activities undertaken to ensure data confidentiality are described in the Policy on Statistical Confidentiality (https://www.stat.gov.mk/pdf/PolicyOnStatisticalConfidentiality.pdf).</p> <p>.</p>	
7.2	Confidentiality - data treatment
<p>Pursuant to Article 38 of the Law on State Statistics (https://www.stat.gov.mk/ZakonZaStatistika_en.aspx) and the Policy on Statistical Confidentiality (https://www.stat.gov.mk/pdf/PolicyOnStatisticalConfidentiality.pdf)</p>	
8	Release policy

8.1	Release calendar
The date of data publication is determined in the Advance Release Calendar, which is updated quarterly.	
8.2	Release calendar access
http://www.stat.gov.mk/Kalendar_en.aspx	
8.3	User access
All users have equal access to statistics at the same time: this means that the publication dates are announced in advance and no user has access to official statistics before they are published. Statistical data are first published in the "News Releases" edition on the website of the State Statistical Office at 12:00.	
9	Frequency of dissemination
Annual	
10	Accessibility and clarity
10.1	News release
In accordance with the Dissemination Strategy https://www.stat.gov.mk/Dokumenti/strategiji/StrategijaDiseminacija2014-2016en.pdf , news releases are published annually and they are available on the website of the SSO in the section: "News Releases".	
10.2	Publications
Regions of the Republic of North Macedonia, 2020, https://www.stat.gov.mk/PrikaziPublikacija_1_en.aspx?rbr=845	
10.3	On-line database
http://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/?rxid=46ee0f64-2992-4b45-a2d9-cb4e5f7ec5ef	
10.4	Micro-data access

The use of microdata by external users is possible only for research purposes and is done in accordance with the Law on State Statistics (Article 41, Article 42 and Article 43). Access to anonymised microdata is defined by an internal procedure of the State Statistical Office "Access to anonymised microdata for scientific research purposes" (<https://www.stat.gov.mk/ZaNas.aspx?id=2>).

10.5 Other

At the request of users, data are also prepared in a form according to their needs.

10.6 Documentation on methodology

Methodological explanation, national , <http://www.stat.gov.mk/OblastOpsto.aspx?id=12>

Manual on regional accounts methods, Eurostat, 2013, <https://ec.europa.eu/eurostat/documents/3859598/5937641/KS-GQ-13-001-EN.PDF/7114fba9-1a3f-43df-b028-e97232b6bac5>

Regulation (EU) No 549/2013 of the European Parliament and of the Council <https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32013R0549&from=en>

European system of accounts ESA 2010, <https://ec.europa.eu/eurostat/documents/3859598/5925693/KS-02-13-269-EN.PDF/44cd9d01-bc64-40e5-bd40-d17df0c69334>

10.7 Quality documentation

<https://ec.europa.eu/eurostat>

11 Quality management

11.1 Quality assurance

The quality of the processes and products in the State Statistical Office is ensured by adhering to the European Statistics Code of Practice (http://www.stat.gov.mk/ZaNas_en.aspx?id=2) and the Quality Assurance Framework within the European Statistical System (ESS Quality Assurance Framework – <https://ec.europa.eu/eurostat/documents/64157/4392716/ESS-QAF-V2.0-final.pdf>). The quality criteria are also determined in the Law on State Statistics in Article 4b and Article 4c (http://www.stat.gov.mk/ZakonZaStatistika_en.aspx).

11.2 Quality assessment

The State Statistical Office carries out statistical activities in accordance with the Statistical Business Process Model, which is based on the international model - Generic Statistical Business Process Model (GSBPM). The application of this model and international standards in statistical production ensures a high level of accuracy and comparability of data.

12 Relevance

12.1 User needs

Users of the data are:

- **The Government** for creation and adoption of decisions for the development of regions, macroeconomic analysis, preparation of strategies for economic development of regions and for monitoring the level of implementation of the adopted strategies.
- **Chambers of commerce, trade associations** use these data for specific analysis of market activities as well as the adoption of appropriate strategies at regional level.
- **Business entities** use the data for market analysis and for decision making about investing in certain sectors and regions.
- **Universities, professors, students, independent analysts, experts.**

12.2 User satisfaction

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

12.3 Completeness

The levels of aggregation according to the regulations of the European Parliament and the Council for regionaccounts are calculated and published nationally and transmitted to Eurostat. A time series from 2000 to 2020 is available.

13 Accuracy and reliability

13.1 Overall accuracy

The survey methodology and the data collection method ensure good coverage and accuracy of the data.

13.2 Sampling error

Not applicable.

13.3	Non-sampling error
Not applicable.	
14	Timeliness and punctuality
14.1	Timeliness
Time difference to definitive results, T+22 months .	
14.2	Punctuality
The data are published on the day announced in the Advance Release Calendar.	
15	Coherence and comparability
15.1	Comparability - geographical
There is geographic comparability of the disseminated data at the national and regional level and comparability with EU countries.	
15.2	Comparability - over time
The length of a comparable time series is 21 reference years, from 2000 to 2020.	
15.3	Coherence - cross domain
Gross domestic product by regions, gross fixed capital formations by regions are compared with the data on total gross domestic product and total gross fixed capital formations. The comparison is made at the level of departments of NKD Rev.2.	
15.4	Coherence - internal

Internal coherence of data is ensured.	
16	Cost and burden
Not applicable.	
17	Data revision
17.1	Data revision - policy
Data revision is made in accordance with the Statistical Data Revision Policy of the SSO: http://www.stat.gov.mk/ZaNas.aspx?id=25	
17.2	Data revision - practice
<p>Revision of regional accounts data is done in a cases when there are methodological improvements, changes in the National Classification of Activities, changes at European level such as transition from the European System of Accounts, ESA 2010 or due to the revisions in statistical surveys used as input for the calculation. Major revisions were made during:</p> <ul style="list-style-type: none"> - methodological improvements in 2010, for data series 2003-2007, according to Methodology ESS 95, - methodological improvements and change of the Classification of activities NKD Rev.1 with NKD Rev.2, in 2014 for series 2000-2012, according to Methodology ESS 2010 	
18	Statistical processing
18.1	Source data
<p>The main data source for calculation of Gross domestic product by regions is the statistical survey "Gross domestic product by production approach, at current prices, at annual level, BDP.PT. Additional sources are statistical surveys that provides reliable data at the regional level.</p> <p>The main source for distribution of Investments by regions is "Annual Statistical Survey for Gross fixed capital formation" INV.1.</p>	
18.2	Frequency of data collection
Annual.	
18.3	Data collection

Main data source is "Gross domestic product by production approach, at current prices, at annual level, BDP.PT.

Additional data sources are:

- "Labour Force Survey" (ARS),
- "Regional accounts in agriculture at current prices" (ESZ.RS),
- "Annual statistical survey on employees and wages" (TRUD.1),
- "Annual survey on industry" (IND.1),
- "Annual report on turnover in wholesale trade" (TRG.21),
- "Annual survey on Gross fixed capital formation" (INV.1),
- "Annual report on constructions built by business entities" (GRAD.11),
- "Annual report on constructions built by private owners" (GRAD.11A),
- "Statistical survey on passenger transport" (SOM.11A),
- "Statistical survey on catering trade and services" (UG.11),
- "Statistical survey on forests exploitation" (SUM.22),
- "Statistical survey on municipal waste" (ZSKOMO.2) etc.

18.4 Data validation

The check is made by comparing the data on the gross value added and the gross fixed capital formation by regions with the total, at the level of the sector and at the level of the divisions of NKD Rev.2.

18.5 Data compilation

The collected data for the purposes of calculation of regional accounts are transferred into Excel tables.

18.6 Adjustment

19 Comment

A.1 Annexes