

Reference Metadata in SIMS 2.0 structure

Statistical survey on constructions built by private owners

BS_GRAD.11A_A_EN_2024_1

Reference Metadata in SIMS 2.0 structure

S.1	Contact
S.1.1	Contact organisation
State Statistical Office	
S.1.2	Contact organisation unit
Department for industry, construction and business tendencies	
S.1.3	Contact name
Natasha Cenova	
S.1.4	Contact person function
Adviser	
S.1.5	Contact mail address
Dame Gruev 4, 1000 Skopje, Republic of North Macedonia	
S.1.6	Contact email address
natasa.cenova@stat.gov.mk	
S.1.7	Contact phone number
3295-763	
S.1.8	Contact fax number
00389 2 3111 336	
S.2	Metadata update
S.2.1	Metadata last certified
11/06/2025	
S.2.2	Metadata last posted
11/06/2025	
S.2.3	Metadata last update
11/06/2025	

S.3	Statistical presentation
S.3.1	Data description
Data for residential and non-residential buildings (value of completed construction works by type of structures - buildings and civil engineering structures, number of finished dwellings in housing units, useful surface area of the dwellings in m ²). For the structures data is obtained for the type of the construction works, whether it is newly built, alteration, or adaptation, sanitation or reconstruction of the objects, and also for the type of ownership of the objects.	
S.3.2	Classification system
National Classification of Activities - NKD Rev.2; Nomenclature of type of construction and construction works - NGOGR; Nomenclature of Territorial Units for Statistics - NTES, 2013.	
S.3.3	Sector coverage
Business statistics	
S.3.4	Statistical concepts and definitions
<p>Building permit is a document issued by the authorities in the municipalities (the units of local self-government) that are responsible for the urban planning issues. It is a document that allows the start of the construction activities for one structure, and it is a final phase in the planning and designing process. These authorities issue building permits for the objects from the 2-nd category, while for the objects from the 1-st category responsible is the Ministry for transport and communications. Construction is any separated, freestanding functional structure (subterranean, surface and hydraulic construction), whose purpose is determined in advance and it is located in a specific area. According to the type, constructions as a part of construction activity are classified into: - Building constructions - Civil engineering works (constructions)</p> <p>Building construction comprises building of constructions which are mainly above the ground surface and that are built in height. This group includes all residential and business buildings, and all the buildings that are auxiliary to the civil engineering and hydraulic engineering constructions (terminal buildings, airport buildings, transformer stations, harbor terminals, silos, etc.). Civil engineering comprises building of constructions that are mainly located on the surface or underground. This group includes constructions such as: roads, railways, bridges, tunnels, etc. Building unit is any independent structure constructed above ground, with foundations, enclosed with external walls and covered by a roof, whether designed for residential or for agricultural, commercial, industrial or cultural purposes or for the provision of services. For the structures data is obtained for the type of the construction works, whether it is newly built, alteration, or adaptation, sanitation or reconstruction of the objects, and also for the type of ownership of the objects. - The value of completed construction works is the invoiced value without VAT of the realised construction works during the reference period.</p>	
S.3.5	Statistical unit
Reporting units are the municipalities - the units of local self-government, namely the departments responsible for the urban planning issues in the municipalities. Observation unit is every structure in private property for whom a building permit is issued.	
S.3.6	Statistical population

Statistical population are the structures where investors are the private persons and for whom a building permit is issued during the reference year.

S.3.7 Reference area

- NUTS 1 and 2 (Republic of North Macedonia)
- NUTS 3 (Statistical Regions)
- NUTS 4 (Municipalities)

S.3.8 Time coverage

From January 1952 onwards, and there is no break in the time series of the data.

S.3.9 Base period

2023 = 100

S.4 Unit of measure

Number, m2, %, thousand denars.

S.5 Reference period

Year.

S.6 Institutional mandate

S.6.1 Legal acts and other agreements

NATIONAL LEGISLATION

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.mk/en/about-us/legal-acts/law-on-state-statistics/>

)

Programme of Statistical Surveys 2023-2027 ("Official Gazette of the Republic of North Macedonia" No. 29/23 and 57/25) (

<https://www.stat.mk/en/about-us/legal-acts/program-for-statistical-surveys/>

)

S.6.2 Data sharing

Not applicable, data are not shared and/or transmitted.

S.7 Confidentiality

S.7.1 Confidentiality - policy

1. The protection of individual data is regulated by the Law on State Statistics (

<https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/>

).

2. The basic principles and activities undertaken to ensure data confidentiality are described in the Policy on Statistical Confidentiality

(
<https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/>
).

S.7.2 Confidentiality - data treatment

Pursuant to Article 38 of the Law on State Statistics (<https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/>) and the Policy on Statistical Confidentiality (<https://www.stat.mk/en/about-us/policies-and-strategies/policy-on-statistical-confidentiality/>),
 State Statistical Office individual data are not published. However, if access is granted to microdata from the relevant survey, then the methods used to prevent data disclosure should be specified.

S.8 Release policy

S.8.1 Release calendar

Data are released in accordance with the Release Calendar, which is updated on a quarterly level.

S.8.2 Release calendar access

<https://www.stat.mk/en/publishing-calendar/#/>

S.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.

S.9 Frequency of dissemination

Yearly.

S.10 Accessibility and clarity

S.10.1 News release

News Releases are published and they are available on the website of the SSO in the section: "News Releases" (<https://www.stat.mk/en/all-new-releases>).
 Number of views of the news release is 128.

S.10.2 Publications

Statistical Yearbook (link:
https://www.stat.gov.mk/PrikaziPublikacija_1_en.aspx?rbr=915
)
 North Macedonia in figures:
<https://www.stat.mk/en/all-publications/north-macedonia-in-figures-2024/north-macedonia->

[in-figures-2024/](#)

Regions of North Macedonia:

<https://www.stat.mk/en/all-publications/regions-of-north-macedonia-2024/regions-of-north-macedonia-2024/>

Makstat Selection:

<https://www.stat.mk/en/all-publications/makstat-selection-2024/makstat-selection-2024/>

S.10.3 On-line database

MAKStat database is available on the SSO web site.

<https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/>

Number of table views from MAKStat database is 875.

S.10.3.1 AC1. Data tables - consultations

Number of table views from MAKStat database is 875.

S.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.mk/en/about-us/procedures/rules-for-access-to-anonymised-microdata-for-research-purposes/>).

S.10.5 Other

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

S.10.5.1 AC 2. Metadata - consultations

Not calculated.

S.10.6 Documentation on methodology

Not calculated.

S.10.6.1 AC 3. Metadata completeness - rate

Not calculated.

S.10.7 Quality documentation

http://www.stat.gov.mk/Meta_godini_en.aspx

S.11 Quality management

S.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 (

<https://www.stat.mk/en/about-us/quality/code-of-practice/>

) 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 (

<https://www.stat.mk/en/about-us/legal-acts/law-on-state-statistics/>

).

S.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.

S.12 Relevance

S.12.1 User needs

Data for the completed construction works and number of finished dwellings are used by the Government, Economic Chamber, business subjects, International organisations. The external users are using: - the indicators for the completed construction works and number of finished dwellings are an important indicator for the economy and monetary police and also are indicator for future investments in construction sector; - the Economic Chambers, scientific researchers, business subjects and other various users that have needs for the short-term statistics for their's policy creation.

S.12.2 User satisfaction

Starting from 2009 the State Statistical Office conducts a User Satisfaction Survey every 3rd year.

S.12.3 Completeness and R1. Data completeness - rate for U

Not calculated.

S.12.3.1 R1. Data completeness - rate for P

Not calculated.

S.13 Accuracy and reliability

S.13.1 Overall accuracy

The methodology of the Survey and data collection type ensures accuracy and coverage of data.

S.13.2 Sampling error and A1. Sampling errors - indicators for U

Not applicable (the survey is with total coverage).

S.13.2.1 A1. Sampling errors - indicators for P

Not applicable (the survey is with total coverage).

S.13.3	Non-sampling error and A4. Unit non-response - rate for U and A5. Item non-response - rate for U
<p>Data coverage errors: Data for this survey are withdrawn from the electronic system for issuing building permits GRAD 51.</p> <p>Data editing errors: In the processing application implemented are rules for automatic controls and calculation of output data.</p> <p>Non - response errors: This survey is with total coverage, data are withdrawn from the electronic system and the unit non-response rate is 0%. If there is item non-response then data are checked from the available documentation supplied while registering for a building permit and from ther the data is imputed. The unit non-response rate is 0%.</p>	
S.13.3.1	Coverage error
A2. - Over-coverage = 0%.	
S.13.3.1.1	A2. Over-coverage - rate
S.13.3.1.2	A3. Common units - proportion
S.13.3.2	Measurement error
Not applicable.	
S.13.3.3	Non response error
Not applicable.	
S.13.3.3.1	A4. Unit non-response - rate
S.13.3.3.2	A5. Item non-response - rate
S.13.3.4	Processing error
Not applicable.	
S.13.3.5	Model assumption error
Not applicable.	
S.14	Timeliness and punctuality
S.14.1	Timeliness and TP2. Time lag - final results for U
T + 180.	
S.14.1.1	TP1. Time lag - first results for P
S.14.1.2	TP2. Time lag - final results for P
S.14.2	Punctuality and TP3. Punctuality - delivery and publication for U

Data are disseminated within the established deadlines in accordance with the ReleaseCalendar.

Time lag of publication of the release (average yearly) = 0 days.

S.14.2.1 TP3. Punctuality - delivery and publication for P

S.15 Coherence and comparability

S.15.1 Comparability - geographical

There is geographical comparability of the released data at national NUTS Level 1 and 2, and on regional level NUTS 3 level.

S.15.1.1 CC1.Asymmetry for mirror flow statistics - coefficient

Not applicable.

S.15.2 Comparability - over time and CC2. Length of comparable time series for U

Time series from 1952 onwards and there is no break-up in the time series. The number of reference periods in the time series from the last break-up is 73.

S.15.2.1 CC2. Length of comparable time series for P

Time series from 1952 onwards and there is no break-up in the time series. The number of reference periods in the time series from the last break-up is 73.

S.15.3 Coherence - cross domain

"Comparisons are made on a micro level with the data from the survey "Monthly report on issued building permits"". Data are coherent."

S.15.3.1 Coherence - sub annual and annual statistics

Not applicable.

S.15.3.2 Coherence - National Accounts

Not applicable.

S.15.4 Coherence - internal

Internal coherence of data is ensured.

S.16 Cost and burden

Usage of administrative sources.

S.17 Data revision

S.17.1 Data revision - policy

Data revision is made in accordance with the Statistical Data Revision Policy of the SSO: (<https://www.stat.mk/en/about-us/policies-and-strategies/data-revision/>).

S.17.2	Data revision - practice and A6. Data revision - average size for U
Not applicable, there is no revision of the data in this survey.	
S.17.2.1	A6. Data revision - average size for P
S.18	Statistical processing
S.18.1	Source data
<p>Data for this survey are withdrawn from the electronic system for issuing building permits, with direct approach on the website of the Association of the units of local self -government, for which responsible are the Ministry for transport and communication and the Association of the units of local self -government of the Republic of Macedonia. This statistical survey is with total coverage.</p> <p>Statistical population are the structures where investors are the private persons and for whom a building permit is issued during the reference year.</p>	
S.18.2	Frequency of data collection
Yearly.	
S.18.3	Data collection
<p>Data are from an administrative register, and are withdrawn from the electronic system for issuing building permits, with direct approach on the website of the Association of the units of local self -government, for which responsible are the Ministry for transport and communication and the Association of the units of local self -government of the Republic of Macedonia, both for the objects from 1-st category and for the objects from the 2-nd category. From 01.06.2013 the building permits are issued via electronic way.</p>	
S.18.4	Data validation
<p>Data are controlled according to the defined rules for logical controls. Data validation is done after the data withdrawn. Data are checked from the available documentation supplied while registering for a building permit. Data validation is also done on the output data before their publishing.</p>	
S.18.5	Data compilation
<p>Editing: Data are withdrawn from the Monthly survey on issued building permits GRAD 51.</p> <p>Imputation: With the method of expert imputation (manually data imputation) with data control from the available documentation supplied while registering for a building permit.</p> <p>Weighting: The output data are no weighted and no weights are calculated.</p>	
S.18.5.1	A7. Imputation - rate
<p>Imputation of missing data is done from the available documentation supplied while registering for a building permit.</p>	
S.18.6	Adjustment
<p>Seasonal and working day adjustment are not implemented.</p>	

S.18.6.1	Seasonal adjustment
S.19	Comment
No comment.	
A.1	Annexes

