

Reference Metadata in ESMS 2.0 structure

Business demography

BS_BDEM_A_EN_2022_1

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
1.2	Contact organisation unit
Department for Structural Business Statistics , Bussines Demography and FATS statistics	
1.3	Contact name
Snezhana Shipovikj	
1.4	Contact person function
Head of department	
1.5	Contact mail address
Street Dame Gruev 4, 1000 Skopje, Republic of North Macedonia	
1.6	Contact email address
snezana.sipovic@stat.gov.mk	
1.7	Contact phone number
+ 389 3295657	
1.8	Contact fax number
+389 23111336	
2	Metadata update
2.1	Metadata last certified
09/05/2025	
2.2	Metadata last posted
09/05/2025	

2.3	Metadata last update
09/05/2025	
3	Statistical presentation
The information related to this concept is given through the descriptions in the subcontractors.	
3.1	Data description
<p>For the Business demography</p> <ul style="list-style-type: none"> - number of active births and deaths, - numeber of survivals , in total , by sectors by activity, employment size classes and according to the legal form. <p>For employer demography</p> <ul style="list-style-type: none"> - number of active births and deaths, - nubmer of survivals, in total, by sectors by activity, employment size classes and according to the legal form. 	
3.2	Classification system
National Classification of Activity- NKD Rev. 2	
3.3	Sector coverage
<p>B/B Mining and quarrying C/B Manufacturing D/Г Electricity, gas, steam and air conditioning supply E/Д Water supply, sewerage, waste management and remediation activities F/Ѓ Construction G/E Wholesale and retail trade; repair of motor vehicles and motorcycles H/Ж Transportation and storage I/З Accommodation and food service activities J/S Information and communication K/И Financial and insurance activities L/J Real estate activities M/K Professional, scientific and technical activities N/Л Administrative and support service activities P/M Education Q/H Human health and social work activities R/Љ Arts, entertainment and recreation S95;S96 /O95;O96 Other service activities</p>	
3.4	Statistical concepts and definitions

Business demography is a concept that encompasses a group of variables that reflect the characteristics and demographics of the population of business entities. The creation of new enterprises and the extinction of non-productive enterprises significantly affects the dynamics of business activities. Moreover, in order to provide information on the impact of demographic changes on enterprises, their development is monitored over 5 years in order to see how they survive and grow.

The population of **active enterprises** consists of those enterprises that at any time during the reference year had income and/or employees.

The enterprise is a basic statistical unit and represents the smallest combination of legal units, that is, it is an organizational unit, a producer of goods and services, which possesses a certain degree of autonomy in decision-making, especially for the redistribution of its current resources (EU Regulation No. 696/1993 for statistical units).

Enterprise births is an independent event that affects only one enterprise in the population of active enterprises and involves the creation of a new combination of factors of production.

Enterprise death is an event that refers to the cessation (extinction) of a combination of production factors, with the restriction that other enterprises are not involved in that event, in the year $xx+2$.

Survival enterprise is the enterprise that was created in the year xx and is active (realizes turnover and/or has employees) in the following year.

3.5	Statistical unit
Enterprise = one or more legal units.	
3.6	Statistical population
Business entities classified according to NKD rev. 2 in sectors B-S; except the sections O;T and U.	
3.7	Reference area
NUTS level 0-2 Republic of North Macedonia	
3.8	Time coverage
from 2004	
3.9	Base period
not applicable	
4	Unit of measure
Number, %	
5	Reference period
Calendar year	
6	Institutional mandate

The information related to this concept is given through the descriptions in the subcontractors.

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)

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

EUROPEAN LEGISLATION:

- Regulation (EU) 2019/2152 of the European Parliament and of the Council of 27 November 2019 on European business statistics, repealing 10 legal acts in the field of business statistics (Text with EEA relevance)

- Commission Implementing Regulation (EU) 2020/1197 of 30 July 2020 laying down technical specifications and arrangements pursuant to Regulation (EU) 2019/2152

- Eurostat-OECD Manual on Business Demography Statistics

- European Business Statistics Manual — 2021 edition

6.2 Data sharing

Since 2009, the data has been submitted to Eurostat through the EDAMIS transmission tool.

7 Confidentiality

7.1 Confidentiality - policy

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

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

7.2 Confidentiality - data treatment

Pursuant to Article 38 of the Law on State Statistics and the Policy on Statistical Confidentiality, 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.

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
<u>Advance Release Calendar</u>	
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
News Releases are published and they are available on the website of the SSO in the section: " <u>News Releases</u> "	
10.2	Publications
<u>North Macedonia in figures</u>	
10.3	On-line database
<u>MAkstat data base</u>	
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 " <u>Access to anonymised microdata for scientific research purposes</u> " .	
10.5	Other
At the request of users, data are also prepared in a form according to their needs.	
10.6	Documentation on methodology
<u>Methodological explanation</u> , national	

Business demography manual, Eurostat-OECD**10.7 Quality documentation**

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](#) and the [Quality Policy of the State Statistical Office](#) , as well as in the continuous efforts for harmonization 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 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](#) and the [Quality Assurance Framework within the European Statistical System](#) (ESS Quality Assurance Framework). The quality criteria are also determined in the [Law on State Statistics](#) in Article 4b and Article 4c .

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**

Business demography data is used as a source for analyzing of number and structure of the population of active, births and deaths and surviving enterprises.

There are number of users:

Ministries and government departments concerned,

Chambers of commerce, trade associations use these data for analysis of market activities and for the adoption of appropriate strategies, for eg. development of small and medium enterprises.

Universities, professors, students, independent analysts, experts and etc.

12.2 User satisfaction

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

12.3 Completeness

In terms of the variables that are provided under the Regulation (EU) 2019/2152, of the European Parliament and the Council, from 27th November , SSO provides about 100% of them.

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 (survey is with total coverage)

13.3 Non-sampling error

Given that the data is obtained from an administrative source and all necessary information for the research is available in the received electronic documentation, there are no non-sampling errors.

14 Timeliness and punctuality

14.1 Timeliness

T+540 for births enterprises, total and by legal form

T+540 for preliminary deaths enterprises, total and by legal form

T+ 900 for final data for death enterprise, total and by legal form

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 geographical comparability of the released data at national and regional 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

Data on the main variables in the field of business demography are comparable into two time series:

From 2004-2008, aggregated by NACE Rev.1.

From 2009 -2020 aggregated by NACE Rev. 2.

From 2021 aggregated by NACE Rev2 and Regulation (EU) 2019/2152 of the European Parliament and of the Council of 27 November 2019 on European business statistics

Number of reference periods in time series from the last break 2

15.3 Coherence - cross domain

Business Demography data is compared with the Statistical Business Register. Data is coherent.

15.4 Coherence - internal

Internal coherence of data is ensured.

16 Cost and burden

There are no costs for data collection, nor is there a burden on reporting units because they are taken directly (electronically) from an administrative source.

17 Data revision

17.1 Data revision - policy

Data revision is made in accordance with the Statistical Data Revision Policy of the SSO

17.2 Data revision - practice

Business demography data is published as final.

The exception is data on death enterprises from the current year, which are published as a preliminary.

18 Statistical processing

18.1 Source data

Statistical Business Register, established and regularly updated in the State Statistical Office is the main data source for business demography production.

18.2 Frequency of data collection

Annual.

18.3 Data collection

Data for active enterprises are undertaken from the Statistical Business Register.

18.4 Data validation

After the electronic download, data is checked in accordance with predefined logical rules. The initial control of the accuracy of the data is ensured by checking the Statistical Business Register's data, as an data source on enterprise demographics. Then, a set of validation rules is applied to

control the data when aggregating it into data sets according to the activity to which it belongs, the legal form and the status of an active entity. If necessary, certain marks are corrected.

18.5 Data compilation

Data undertaken from the SBR data base are processed and variables calculated on the level of business entity, aggregated, on total level and by sector of activity. In the compilation process, Edit tool – Eurostat’s validation tool is used as a precondition for data transmission to Eurostat data base.

18.6 Adjustment

No seasonal or any other type of adjustment is applied.

19 Comment

A.1 Annexes