Statistical survey on growing and nurturing of forests

AFF_SUM.41_A_EN_2024_1

Reference Metadata in ESMS 2.0 structure

1	Contact
1.1	Contact organisation
State Statistical Office	
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2	Metadata update
2.1	Metadata last certified
12/06/2025	
2.2	Metadata last posted
12/06/2025	

2.3	Metadata last update

12/06/2025

3	Statistical presentation

3.1	Data description

-Afforestation by tree species,

-Afforestation by planting and seeding,

-Replenishment planting by species,

- Materials used for afforestation and replenishment

- Care of forests.

3.2	Classification system

-National classification of activities - NKD Rev. 2,

-Nomenclature of agricultural products, forestry, hunting and fishing and related services (NZSRU),

-Nomenclature of territorial units for statistics - NTES, 2019.

3.3	Sector coverage

Sector A- Agriculture, Forestry and Fisheries, Department 02-Forestry and exploitation of forests, of NKD Rev. 2.

3.4	Statistical concepts and definitions

Artificial afforestation represents planting forest seedlings or sowing forest seeds on a rocky and bare ground, with the aim to reestablish that area to grow forest, or to grow forest on land where previously there wasn't a forest.

Growing up of forest means afforestation on bare forest land, growing up pure tree species and protectiv on the new surface area, as well as care of new grow forest until first space. Nurturing of forest is maintenance, care, resataration and reconstruction of forest and low tree species, replacement of tree species, enrichment of the forest with better tree species and afforestation on bare ground and eroded land .

The logging area is area on the existing forest are cuting, with a view to the same surface with a view to the same area on a natural or artificial way again become woods.

Other areas in the forest are all other areas except the logging area where afforestation not mean increse the forest area, but have a just only simple reproduction on the forest. Rocky and and bare ground is poor productive land overgrowth with minimal vegetation or no. Live sand is a sand land is located on the go, or is temporarily calm the other culture that needs to be replaced by forests.

3.5	Statistical unit

Statistical units: business entities manage with forests that are engaged and belonging to sector A (Division 02) of NKD Rev. 2.

3.6	Statistical population

Trees species from state and private forests belonging to sector A (Section 02) of NKD Rev. 2.

3.7	Reference area

Regions

3.8	Time coverage

Since of 1955.

3.9	Base period

| | |

4	Unit of measure

-hectares,

- thousands of pieces

- kg

- denars

5	Reference period

Year.

6	Institutional mandate

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6.1	Legal acts and other agreements

National: **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)

International: Council Resolution of 15 December 1998, on a forestry strategy for the European Union, OJ C 56.

6.2	Data sharing

Time series for annual data: since the year 2018 via eDAMIS to EUROSTAT.

7	Confidentiality

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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.

8	Release policy

8.1	Release calendar

Data are released in accordance with the Release Calendar, which is updated quaterly.

8.2	Release calendar access

Release calendar

8.3	User access

All users have equal access to the statistical surveys: it means that release dates are published in advance and users have not access before their releasing. Statistical data first are published in the edition " **Releases** " on the web page of the Statistical office in the 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: " **News Releases** ".

10.2	Publications

Statistical yearbook

North Macedonia in figures

10.3	On-line database

MAKStat database https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat__Zemjodelstvo__Sumarstvo

Number of page views in the MAKStat database - 327.

10.4	Micro-data access

Data collected for the purpose of official statistics may be used for scientific purposes according to the **Law on State Statistics** (Article 41, 42 and 43). Access to Anonymised microdata is defined with an internal procedure in the Statistical Office " **Rules for access to anonymised microdata for research purposes** ".

10.5	Other

Survey data are sent to Eurostat and they are released on the web site of this institution.

10.6	Documentation on methodology

Methodology - Statistics of Forestry, 2023. Methodological explanations that are part of the publication 'Forestry' .

10.7	Quality documentation

Not applicable.

11	Quality management

11.1	Quality assurance

The quality of the products and services in the SSO is ensure with the guidelines of the **Code of Practice of the EU Statistics** and the **ESS Quality Assusrance Framework** . Quality criteria are also described in the **State statistical law** in the Article 46 and 4v.

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

Data on forestry has the aim to meet the needs of users in the country, as well as international organizations and users. Domestic users of data on forestry are the Government, universities and scientific research institutions, associations of forestry, media, students and other individuals and legal entities. Data on forestry are needed insight available quantities of wood products, production planning for future periods, the preparation of legislation, the adoption of measures to promote forestry, deciding on exports and imports, investments, loans etc. On the basic data on

the land and production provides data on the prevalence of forests and forest land, timber and growth that facilitate planning, management, utilization and preservation of forests and forest land.

12.2	User satisfaction

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

12.3	Completeness

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

Survey is not conducted with random sample and there is no calculation of sampling errors

13.3	Non-sampling error

Errors in coverage: It provides 100% coverage. Data providers are reminded to fulfill its obligation. Errors in processing: In the application for processing are implemented rules for controls and calculations of output. Errors in non-response: As provided full coverage, non-response errors will not .

14	Timeliness and punctuality

14.1	Timeliness

T+180.

14.2	Punctuality

All data are published according the Release calendar and timely sent to EUROSTAT.

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

Time Series since of 1955 and no interruption of time series. Number of reference periods in the time series since the last interruption is 63.

15.3	Coherence - cross domain

The data are coherent between different parts of statistics on forestry. Coherence with other areas is not ensured.

15.4	Coherence - internal

Internal coherence of data is ensured.

16	Cost and burden

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

18	Statistical processing

18.1	Source data

This statistical surveyis with full coverage, and includes business entities that manage with state and private forests belonging to sector A (Division 02) of NKD Rev. 2.

18.2	Frequency of data collection

Annual.

18.3	Data collection

"Data on growing and nurturing of state and private forests are collected by statistical questionnaire: ""Report of Growing and nurturing on forest"" (SUM.41). Enterprises fill data for an area of forest the previous year and submit to the SSO within 90 days after the reference period."

18.4	Data validation

Data validation is done according to the pre-defined control criteria. Data validation is done before and after data entering. For certain data deviations, data providers are contacted.

18.5	Data compilation

Editing: Data received from businesses, verification and eventual correction in consultation with the reporting units are entered on an electronic medium by application embedded on-line controls. Imputation: There is an imputation of nonresponses with data from the previous period.

18.6	Adjustment

Data adjustment is not performed.

19	Comment

A.1	Annexes