

Reference Metadata in ESMS 2.0 structure

## Statistical survey on forest area

AFF\_SUM.13\_A\_EN\_2024\_1

### Reference Metadata in ESMS 2.0 structure

<b>1</b>	<b>Contact</b>
<b>1.1</b>	<b>Contact organisation</b>
State Statistical Office	
<b>1.2</b>	<b>Contact organisation unit</b>
Department for agricultural statistics and environmental statistics	
<b>1.3</b>	<b>Contact name</b>
Lenche Petrova	
<b>1.4</b>	<b>Contact person function</b>
Adviser	
<b>1.5</b>	<b>Contact mail address</b>
Dame Gruev 4, 1000 Skopje, Republic of North Macedonia.	
<b>1.6</b>	<b>Contact email address</b>
lence.petrova@stat.gov.mk	
<b>1.7</b>	<b>Contact phone number</b>
00389 2 3295 645	
<b>1.8</b>	<b>Contact fax number</b>
00389 2 3111 336	
<b>2</b>	<b>Metadata update</b>
<b>2.1</b>	<b>Metadata last certified</b>
10/06/2025	
<b>2.2</b>	<b>Metadata last posted</b>
10/06/2025	

<b>2.3</b>	<b>Metadata last update</b>
10/06/2025.	
<b>3</b>	<b>Statistical presentation</b>
<b>3.1</b>	<b>Data description</b>
Data for forest area, other forest land, other forest land, artificially raised stands, forests according to the purpose (commercial forests, protective forests and special purpose), volume of growing stock, annual increment.	
<b>3.2</b>	<b>Classification system</b>
-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, 2013.	
<b>3.3</b>	<b>Sector coverage</b>
Sector A- Agriculture, Forestry and Fisheries, Department 02-Forestry and exploitation of forests, of NKD Rev. 2.	
<b>3.4</b>	<b>Statistical concepts and definitions</b>
<p>Forest represents a forest ecosystem spanning on forest land with forest types of trees and bushes, bare lands near forests and other bare lands and meadows within forest, forest nurseries, forest roads, seed plantations, forest fire breaks, wind protection breaks/belts on area larger than 2 a, including forests in protected areas.</p> <p>Volume of growing stock includes the volume of all live trees, measured in diameter at breast height (1.3 m) expressed in m3 of a particular area.</p> <p>Stands are part of a forest, which according to the types of trees, the structure, form and manner of cultivation, are difference from their surroundings and requires special tending measures.</p> <p>Degraded forest is a forest, which has, to a considerable extent, lost its quality and ability to increase due to the adverse impact of biotic, abiotic and anthropogenic factors.</p> <p>Forest land is land covered with forest or that due to its natural properties is most favorable for the cultivation of forest, and land with facilities intended for forest management.</p> <p>Under artificial forest means classic way (by sowing seeds or planting seedlings), which are three years old and the success of afforestation determined at year-end report that exceeds 30%. Under plantation forest raised means cultures obtained from selected material from poplar or quality seedlings of coniferous species with rapid growth and use of modern agro-technical measures, two years old.</p>	

Commercial forests are primarily used for the permanent production of wood assortments and other forest products and services.

Protective forests are primarily used to protect land, water, settlements, infrastructure systems and facilities, and other property. Protective forests are primarily used to protect land, water, settlements, infrastructure systems and facilities, and the remaining property. Special function can be defined as: forest and hunting reserves, park forests, memorial forests, forests for production of forest seeds, forests and picnic for the science, teaching and defense.

Forests for the needs of science and teaching are designated for the education of professionals in the field of forestry and for research purposes..

<b>3.5</b>	<b>Statistical unit</b>
Statistical units: business entities manage with forests that are engaged and belonging to sector A (Division 02) of NKD Rev. 2.	
<b>3.6</b>	<b>Statistical population</b>
Trees species from state and private forests belonging to sector A (Section 02) of NKD Rev. 2.	
<b>3.7</b>	<b>Reference area</b>
<ul style="list-style-type: none"> <li>-Nomenclature of territorial units for statistics - NTES, 1 i 2 RM</li> <li>- Nomenclature of territorial units for statistics - NTES, 3 regions</li> </ul>	
<b>3.8</b>	<b>Time coverage</b>
Since of 1955 and onwards.	
<b>3.9</b>	<b>Base period</b>
Not applicable.	
<b>4</b>	<b>Unit of measure</b>
<ul style="list-style-type: none"> <li>-hectares,</li> <li>-m3</li> <li>-m3/ha.</li> </ul>	
<b>5</b>	<b>Reference period</b>
Year.	
<b>6</b>	<b>Institutional mandate</b>
<b>6.1</b>	<b>Legal acts and other agreements</b>
NATIONAL LEGISLATION	

**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

<b>6.2</b>	<b>Data sharing</b>
<b>7</b>	<b>Confidentiality</b>
<b>7.1</b>	<b>Confidentiality - policy</b>
<p>1. The protection of individual data is regulated by the <u>Law on State Statistics</u>.</p> <p>2. The basic principles and activities undertaken to ensure data confidentiality are described in the <u>Policy on Statistical Confidentiality</u>.</p>	
<b>7.2</b>	<b>Confidentiality - data treatment</b>
Pursuant to Article 38 of the <u>Law on State Statistics</u> and the <u>Policy on Statistical Confidentiality</u> , individual data are not published.	
<b>8</b>	<b>Release policy</b>
<b>8.1</b>	<b>Release calendar</b>
Data are released in accordance with the Release Calendar, which is updated quaterly.	
<b>8.2</b>	<b>Release calendar access</b>
<u>Release calendar</u>	
<b>8.3</b>	<b>User access</b>
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 " <u>Releases</u> " on the web page of the Statistical office in the 12:00.	
<b>9</b>	<b>Frequency of dissemination</b>
Annual.	

<b>10</b>	<b>Accessibility and clarity</b>
<b>10.1</b>	<b>News release</b>
News Releases are published and they are available on the website of the SSO in the section: " <b><u>News Releases</u></b> ".	
<b>10.2</b>	<b>Publications</b>
<p>Statistical yearbook of the Republic of North Macedonia,  <a href="https://www.stat.mk/mk/site-publikafii/statistichki-godishnik/statistichki-godishnik-2024/">https://www.stat.mk/mk/site-publikafii/statistichki-godishnik/statistichki-godishnik-2024/</a></p> <p><u>North Macedonia in figures</u></p> <p>- Statistical review -Forestry 2014  <a href="https://www.stat.gov.mk/PrikaziPoslednaPublikacija_en.aspx?id=7">https://www.stat.gov.mk/PrikaziPoslednaPublikacija_en.aspx?id=7</a></p> <p><u>Environmental statistics</u></p> <p><u>Regions of the Republic of North Macedonia</u></p>	
<b>10.3</b>	<b>On-line database</b>
<p>MAKStat database available on the website of the SSO.  <a href="https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Zemjodelstvo_Sumarstvo/">https://makstat.stat.gov.mk/PXWeb/pxweb/en/MakStat/MakStat_Zemjodelstvo_Sumarstvo/</a></p>	
<b>10.4</b>	<b>Micro-data access</b>
<p>Data collected for the purpose of official statistics may be used for scientific purposes according to the <b><u>Law on State Statistics</u></b> (Article 41, 42 and 43). Access to Anonymised microdata is defined with an internal procedure in the Statistical Office "<b><u>Rules for access to anonymised microdata for research purposes</u></b>".</p>	
<b>10.5</b>	<b>Other</b>
At the request of users, data are also prepared in a form according to their needs.	
<b>10.6</b>	<b>Documentation on methodology</b>
Methodology - Statistics of Forestry, 1998. Methodological explanations that are part of the publication 'Forestry'. <a href="https://www.stat.gov.mk/PrikaziPoslednaPublikacija">https://www.stat.gov.mk/PrikaziPoslednaPublikacija</a> .	
<b>10.7</b>	<b>Quality documentation</b>
It is not preparing.	
<b>11</b>	<b>Quality management</b>
<b>11.1</b>	<b>Quality assurance</b>

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 Assurance 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 Satisfaction Survey every three years.

### 12.3 Completeness

Not applicable.

## 13 Accuracy and reliability

### 13.1 Overall accuracy

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

<b>13.2</b>	<b>Sampling error</b>
Survey is not conducted with random sample and there is no calculation of sampling errors	
<b>13.3</b>	<b>Non-sampling error</b>
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 ..	
<b>14</b>	<b>Timeliness and punctuality</b>
<b>14.1</b>	<b>Timeliness</b>
T+180.	
<b>14.2</b>	<b>Punctuality</b>
Data are disseminated within the established deadlines in accordance with the Release Calendar.	
<b>15</b>	<b>Coherence and comparability</b>
<b>15.1</b>	<b>Comparability - geographical</b>
There is geographical comparability of the released data at national and regional level, with respect to geographical comparability with other EU countries.	
<b>15.2</b>	<b>Comparability - over time</b>
The national data series from 1955 to 2019 without time series interruption is 66. A time series of data at the regional level from 2008 onwards.	
<b>15.3</b>	<b>Coherence - cross domain</b>
The data are coherent between different parts of statistics on forestry. Coherence with other areas is not ensured.	
<b>15.4</b>	<b>Coherence - internal</b>
Internal coherence of data is ensured.	
<b>16</b>	<b>Cost and burden</b>
<b>17</b>	<b>Data revision</b>
<b>17.1</b>	<b>Data revision - policy</b>
Data revision is made in accordance with the <b><u>Statistical Data Revision Policy of the SSO</u></b> .	
<b>17.2</b>	<b>Data revision - practice</b>
<b>18</b>	<b>Statistical processing</b>

<b>18.1</b>	<b>Source data</b>
This statistical survey with full coverage, and includes business entities that manage with state and private forests belonging to sector A (Division 02) of NKD Rev. 2.	
<b>18.2</b>	<b>Frequency of data collection</b>
Annual.	
<b>18.3</b>	<b>Data collection</b>
"Data on forest area of state and private forests are collected by statistical questionnaire: ""Forst area"" (SUM.13). Enterprises fill data for an area of forest the previous year and submit to the SSO within 90 days after the reference period."	
<b>18.4</b>	<b>Data validation</b>
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.	
<b>18.5</b>	<b>Data compilation</b>
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.	
<b>18.6</b>	<b>Adjustment</b>
Data adjustment is not performed.	
<b>19</b>	<b>Comment</b>
<b>A.1</b>	<b>Annexes</b>