Forestry

1 Contact	
1.1 Organization	The Statistical Office of the Slovak Republic
1.2 Address	Lamačská cesta 3/C, 840 05 Bratislava
1.3 Contact name	Daniela Varholová
1.4 Organization unit	Cross-sectional Statistics Department
1.5 Phone number	+421 2 50236 341; +421 2 50236 339
1.6 Email address	info@statistics.sk

2 Metadata update	
2.1 Date of last update	28.03.2023

3 Statistical presentation

3.1 Data description

Indicators obtained by statistical surveys are:
Forest land and timber land (in Ha) - by type of ownership and type of management or by forest category
Afforestation and silviculture (in Ha or thousands of pc.) – increase and decrease of land during the year, afforestation by coniferous and non-coniferous species, other cultivation activities, seed and forest tree nursery
Forests species composition (in thousands of Ha) – total tree species area, coniferous and non-coniferous species
Logging and timber deliveries (in thous. m^3) – coniferous and non-coniferous logging, processed salvage felling, deliveries of coniferous and non-coniferous species, deliveries of timber wood and fuelwood
Reprivatisation of forests (in pc., in Ha) – applications for restitution of forests by type of ownership
Costs average of selected performances of the main forest activities (in Euro/Ha, Euro/m^3) – forest regeneration, silvicultural activities, harvest activities by state forests, non-state forests and total
The selected financial and economic indicators of forest management in the Slovak Republic (in mill. of Euro) – by state forests, non-state forests and total
Degree of forests damage by tree species (in Ha, in %) – damage to coniferous and non-coniferous forests caused by immissions, degree of damage by tree species

3.2 Classification system

Statistical Classification of Economic Activities (SK NACE Rev. 2)
Nomenclature of Territorial Units for Statistics (NUTS)

3.3 Sector coverage

The forestry sector includes basic data on forest land structure in classification by category of forest and by management type, basic data on work in silviculture activities, on regeneration and protection of forests, basic data on logging and timber deliveries.

3.4 Statistical concepts and definitions

Forest land is the land permanently intended to the fulfillment of forest functions. Forest land comprises: a) land covered with forest trees (forests) and the land on which forests were temporarily removed with a view to restore them or with a view to establish tree nurseries, eventually forest seedy plantations; b) land without forests, which serve forestry and are indispensable for him (forest roads, areas of the forest storages, etc..); c) land above the upper tree vegetation in the high-elevation areas with the exception of built-up land and their access roads.
Timber land includes all lands covered by forest tree species serving for the fulfilment of forest functions and the lands on which the forest stands were temporarily removed with aim of their regeneration or impacting of injurious agent.
Commercial forests are forests, whose main purpose is a production of quality timber while ensuring other roles of the forest.
Protective forests include forest stands with prevailing protective functions. The aim of managing these forest is to guard permanent filling of relevant ecological functions.
Forests for special purposes are forests with specific purpose, which resulting from important specific social demands, that affected way of managing forests.
Land designed for reforestration/afforestation comprises the whole area designed for re-forestation including land taken over to be afforested (former non-forest – mainly agricultural – land).
Unsuccessful reforestation increment comprises areas of unsuccessful reforestration in actual years and previous years as well.
Reforestation means really reforestred areas by natural regenerations or by artificial regenerations (seeding or planting). Belong here the areas from first reforestration as well as improvement of existing young plantation which need it.
Logging includes logged mass of wood and mass of wood leave into forest stand in thou-sand cubic metres without bark. We count with all wood mass regardless of type of silviculture or logging interventions it was received, included incidental felling.
Timber deliveries comprise mass of wood in thousand cubic metres without bark, delivered on home market and foreign market and for own consumptions, regardless on place of delivery.

3.5 Statistical unit

Forest managers and forest service providers.

3.6 Statistical population

The statistical units are forest managers and forest service providers carrying out the activities of Section A: 02100, 02200, 02401, 02402, 02409 according to the Statistical Classification of Economic Activities (SKNACE Rev.2).

3.7 Reference area

Statistics of forestry are available for the SR together.

3.8 Time coverage

1997-2020

3.9 Base period

Not applicable.

4 Unit of measure

The unit of measure for forest land a for forest species composition is hectare or thousands of hectare. The unit of measure for afforestation and silviculture is hectare and for seed and forest tree nursery thousands of pieces. For logging and timber deliveries is unit of measure thousands of m^3. Reprivatisation of forests has the unit of measure number of applications and area of restituted forests in hectares. Costs average of selected performances of the main forest activities is in Euro per hectare or Euro per m^3. The selected financial and economic indicators of forest management in the Slovak Republic are in millions of Euros. The area of damaged forests in hectares and proportion of damaged forest area by degrees of damage in percent.

5 Reference period

The reference period is the calendar year.

6 Institutional mandate

6.1 Legal acts and other agreements

Information on forestry is obtained by the SO SR on the basis of administrative sources from the chapter of the Ministry of Agriculture and Rural Development of the SR. The Ministry (through the National Forest Center) collects data in the Les (MPRV SR) 5-01, Les (MPRV SR) 2-04 and Sad (MPRV SR) 11-01 surveys included in Annex no. 2 Program of State Statistical Surveys, issued for a three-year period in the Collection of Laws of the Slovak Republic. The reporting obligation to submit data to the Ministry of Agriculture and Rural Development of the Slovak Republic (through the National Forest Center) follows from Act no. 540/2001 Coll. on State Statistics as amended (Section 18 (3)) and cannot be rejected (Section 18 (8)). The Statistical Office of the Slovak Republic and NFC are responsible for the protection of confidential data obtained and guarantees their use exclusively for statistical purposes.

6.2 Data sharing

The taken-up administrative sources of data from the system of the Ministry of Agriculture and Rural development of the Slovak Republic (National Forest Center) serve the needs of the national statistical system. Outputs from processed data are not directly reported at European level.

7 Confidentiality

7.1 Confidentiality - policy

Protection of statistical confidentiality (protection of confidential statistical data) is a system of interrelated measures in the legislative, methodological, organizational, technical, security and personnel fields, preventing the leakage of confidential statistical data or the premature publication of statistical information. Authorities performing state statistics are obliged to ensure the protection of confidential statistical data from misuse in the manner set out in § 25a and § 29 and 30 of Act No. 540/2001 Coll. on State Statistics, as amended. The principles of the application of confidential statistical data protection are available on the SO SR website at:
https://slovak.statistics.sk/wps/portal/ext/services/infoservis/confidential

7.2 Confidentiality - data treatment

Confidential statistical data are not disclosed.

8 Release policy

8.1 Release calendar

30. 4. after the end of the reference year: Les (MPRV SR) 5-01, Sad (MPRV SR) 11-01, one month after the end of the reference period: Les (MPRV SR) 2-04.

8.2 Release calendar access

http://www.forestportal.sk/lesne-hospodarstvo/informacie-o-lesoch/trhove-spravodajstvo/Pages/informacne-listy-ltis.aspx

8.3 User access

The statistical information dissemination policy is formulated in accordance with the State Statistics Act, the Statistical Office Development Strategy, the Eurostat Information Dissemination Strategy and the European Statistics Code of Practice.
The principles of publishing and providing statistical information are available on the SO SR website at:
https://slovak.statistics.sk/wps/portal/ext/services/infoservis/principles

9 Frequency of dissemination

Yearly.

10 Accessibility and clarity

10.1 News release

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10.2 Publications

Data on logging are published in the publication Selected indicators on Environment, which is available on the website of the SO SR
https://slovak.statistics.sk/wps/portal/ext/themes/environment/environment/publications
Statistical Yearbook of the Slovak Republic - contains data also for the area of forestry.
Selected indicators on Environment is published according to the Catalogue of publications.
The Catalogue of publications contains basic information about publications, release dates and language versions. All publications are available at the Statistical Office of the Slovak Republic.
The Catalogue of publications is available on the website of the SO SR at:
https://slovak.statistics.sk/wps/portal/ext/products/publikacie/catalogue

10.3 On-line database

SO SR databases: DATAcube and STATdat, access at:
https://slovak.statistics.sk/wps/portal/ext/Databases

10.4 Micro-data access

Micro data is not published. Research entities may only have access to anonymised micro data for scientific purposes:
- universities and other higher education organizations
- organizations or institutions of scientific research.

The conditions for granting access to confidential statistical data for scientific purposes can be found on the SO SR website at:
https://slovak.statistics.sk/wps/portal/ext/services/infoservis/access

10.5 Other

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10.6 Documentation on methodology

The methodology for completing the questionnaire is attached to the statistical questionnaire forms Les (MPRV SR) 5-01, Les (MPRV SR) 2-04 a Sad (MPRV SR) 11-01.

10.7 Quality documentation

SO SR internal documentation to ensure the quality of statistical outputs:
- Methodological guideline for applying mathematical-statistical methods for the statistical survey
- Methodological Instruction - Quality Indicators of Statistical Outputs and Statistical Processes
- Code of Practice for European Statistics: https://slovak.statistics.sk/wps/portal/ext/aboutus/key.documents/code.of.practise .

11 Quality management

11.1 Quality assurance

The SO SR has a quality management system in place. The Quality Manual includes a description of the quality management system and the fulfillment of ISO 9001 requirements. The application of the Manual ensures that all activities that affect the quality of the products being produced are planned, managed, reviewed, evaluated and meet the requirements accepted in the order. The Quality Guide is available at:
https://slovak.statistics.sk/wps/wcm/connect/9ca43aa4-bfaf-4101-9dae-5263aa834df7/Prirucka_kvality.pdf?MOD=AJPERES&CVID=mu8R9IM&CVID=mu8R9IM
The basis of the whole quality management system is the Code of Practice for European Statistics:
https://slovak.statistics.sk/wps/portal/ext/aboutus/key.documents/code.of.practise

11.2 Quality assessment

The quality of forestry statistics is very good.

12 Relevance

12.1 User needs

The main users of data on forestry are: central government authorities, research organizations, academia, researchers and students, professional associations, etc.

12.2 User satisfaction

Since 2009, the Statistical Office of the SR has been conducting customer satisfaction surveys with its products and services at two-year intervals. The aim of the surveys is to get information about the interest and opinions of users on providing and quality of statistical products and services. The information obtained is a valuable source for the further activities of the SO SR. The result of the satisfaction survey in 2020 is available on the website of the SO SR at:
https://slovak.statistics.sk/wps/portal/ext/aboutus/marketing/survey.of.satisfaction
Satisfaction with forestry statistics was not measured in the survey.

12.3 Completeness

100% - Data is available for all statistics required. Time series of data for individual indicators are available in the public database of the SO SR.

13 Accuracy and reliability

13.1 Overall accuracy

The overall accuracy of forest statistics is good, and rigorous data verification is carried out.

13.2 Sampling error

Due to the small number of reporting agents, the data are calculated by a weighted arithmetic mean.

13.3 Non-sampling error

The statistical reporting information system incorporates logical and data checks at the micro-data level as well as at the aggregated data level that are carried out during data collection and processing. In the event of serious errors, the figure shall be corrected in consultation with the reporting agent.

14 Timeliness and punctuality

14.1 Timeliness

Publication of data in the public database of the SO SR is governed by an internal schedule. Data on forestry are published within 11 months after the reference year.

14.2 Punctuality

Publication deadlines are met.

15 Coherence and comparability

15.1 Comparability - geographical

Not relevant. Statistics of forestry are compiled for the whole territory of the Slovak Republic.

15.2 Comparability - over time

The published data are fully comparable.

15.3 Coherence - cross domain

Not relevant.

15.4 Coherence - internal

There are no deviations, statistical outputs are internally consistent.

16 Cost and burden

The SO of the SR regularly monitors the workload of reporting units. As part of the optimization of statistical surveys, it takes measures aimed at reducing their burden. The cost and workload at the level of European statistical products and its monitoring is the responsibility of the Directorate Group for Resources within Eurostat.

17 Data revision

17.1 Data revision - policy

The revision policy governs the basic rules and general procedures by which the pre-drafted data is later revised as well as applied in revisions for other reasons. The revision policy and calendar is available on the SO SR website at:
https://slovak.statistics.sk/wps/portal/ext/products/revisions

17.2 Data revision - practice

Not applicable.

18 Statistical processing

18.1 Source data

Statistics for forestry are compiled on the basis of statistical surveys carried out by the Ministry of Agriculture and Rural Development of the Slovak Republic:
Les (MPRV SR) 5-01
Les (MPRV SR) 2-04
Sad (MPRV SR) 11-01

18.2 Frequency of data collection

yearly: Les (MPRV SR) 5-01, Sad (MPRV SR) 11-01
quarterly: Les (MPRV SR) 2-04

18.3 Data collection

Questionnaires are sent by post and from 1 January 2019 electronic form of collection of reports Les (MPRV SR) 5-01 and Les (MPRV SR) 2-04.
The Statistical Office of the Slovak Republic obtains data from administrative sources.

18.4 Data validation

All questionnaires are processed in the information system for processing statistical reports, where logical and data checks are built at the micro-data level as well as at the aggregated data level. Any reporting errors shall be consulted with the reporting agent.

18.5 Data compilation

The Statistical Office of the Slovak Republic obtains data from administrative sources.
Data are processed for state, non-state enterprises and SR together. Outputs shall be published in information sheets http://www.forestportal.sk/lesne-hospodarstvo/informacie-o-lesoch/trhove-spravodajstvo/Pages/informacne-listy-ltis.aspx

18.6 Adjustment

Data are not being adjusted.

19 Comment