Forests of Oklahoma, 2019

Oklahoma has an estimated **11,718,309** acres of forest land.
* Percent forest is forest area/total area. Percent forest with water removed from total area is 27%.

This resource update is a brief look at some of the basic metrics that describe the status of and changes to forest resources in Oklahoma. This information is based on field data collected using the USDA Forest Service Forest Inventory and Analysis (FIA) annualized sample design, and it is updated yearly.

Oklahoma has 7,270 sample plots across the State, of which 2,329 are currently forested. Each year, about 10-20 percent of these plots are visited and measured by field crews. Data used in this update were accessed from the FIA database on 06/02/2022.

### Forest land ownership

- **Private**: 87.61%
- **State and Local**: 4.94%
- **Federal**: 7.45%

### Forestland ownership

- **Area of forest land (million acres)**
  - 2019: 11.72
  - 2014: 12.27

- **Number of live trees on forest land (billion trees)**
  - 2019: 5.54
  - 2014: 5.39

- **Volume of live trees on forest land (billion cubic feet)**
  - 2019: 10.35
  - 2014: 9.47

### Annual changes

- **Annual Net Change**
  - All live (million cubic feet): 439
- **Annual Removals**
  - 123
- **Annual Mortality**
  - 163
- **Annual Gross Growth**
  - 153

### Disturbances

- **55,568 acres of nonforest revert back to forest annually**
- **202,642 acres of forest land convert annually** to nonforest
- **71,318 acres of forest land are treated by cutting (harvest, thinning, etc.) annually**
- **279,292 acres of forest land are disturbed annually** by fire
- **283,339 acres of forest land are disturbed annually** by weather events

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USDA Forest Service - Forest Inventory & Analysis

The estimates presented are based on data retrieved from the FIA database (06/02/2022) and may not reflect the most recent data available from the FIA program. Note – this publication does not include estimates of uncertainty. The most current data and sampling error for the estimates above can be found by visiting [https://www.fia.fs.fed.us/](https://www.fia.fs.fed.us/).

*Average annual estimates are based on data collected across 5-10 years and may not be indicative of the nominal year presented in the title by itself.*
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How to cite this publication


Archived Versions

This report and archived past versions can be found on the USDA Forest Service publication database, Treesearch using keywords "Forest Inventory" and "Oklahoma" here: https://www.fs.usda.gov/treesearch/.

National Woodland Owner Survey

The National Woodland Owner Survey (NWOS) collects and reports on multiple attributes of forest land ownership. Details of the NWOS program can be found here: https://www.fia.fs.fed.us/nwos/.

The most recent NWOS Factsheet for Oklahoma can be found here: https://www.nrs.fs.fed.us/pubs/52413/.

Additional Resources

The application that produced this resource update was developed using data from the USDA Forest Service Forest Inventory and Analysis database (FIADB): https://apps.fs.usda.gov/fia/datamart/datamart_excel.html .

Tables for Oklahoma, 2019 can be found here: https://doi.org/10.2737/FS-RU-316-Tables

The FIA one-click application can be found here: https://doi.org/10.2737/FIA-One-Click-State-Report-v1.2


NOTE: Some of the above links will not be active until the resource update has been approved for official publication.