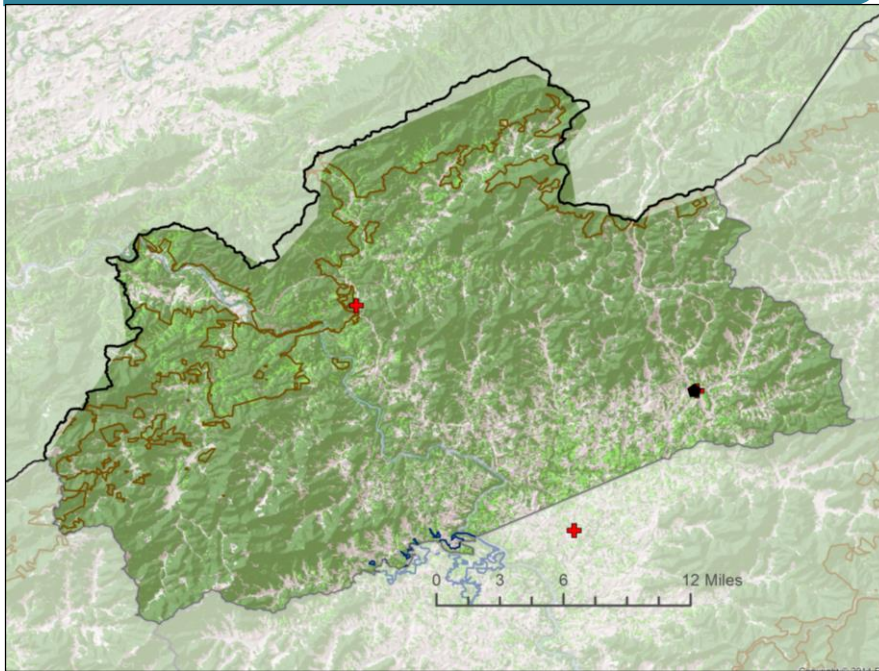


FORESTRY IMPACTS

Madison County, NC



Map Legend

- ◆ Chip Mills (pulpwood)
- OSB / MDF (pulpwood)
- Pellets (pulpwood / residue)
- Pulp and Paper (pulpwood)
- ✚ Sawmill (sawlogs)
- Hardwoods (Includes Woody Wetlands)
- Softwoods
- Boundaries
 - Federal
 - State
 - Tribal

2014 Forest Industry Economic Impact

Income From Timber Sales¹ :

Income Source	NC	Madison County
Forest stumpage (\$mill.)	\$422.4	\$1.7
Delivered forest products (\$mill.)	\$841.4	\$3.0

Forest Industry Economic Impact²

Total Impact	NC	Madison County
Output (\$mill.)	\$30,700	\$3.7
Labor income (\$mill.)	\$7,400	\$0.6
Employment	147,700	28

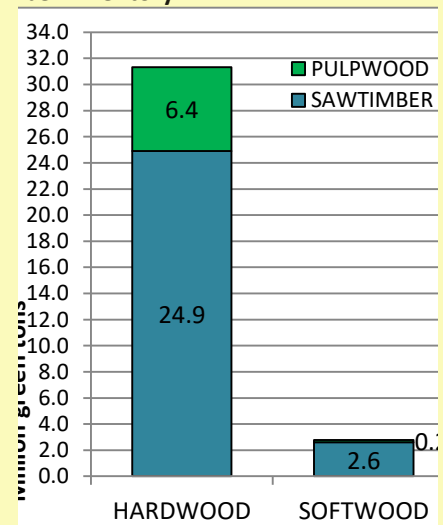
NC STATE UNIVERSITY

State and County Timber Data³

Timberland⁴ and Reserved Forestland⁵ by Ownership

Ownership	NC	Madison County
	Acres	
Public Timberland	2,678,104	179,478
Private Timberland	15,443,362	102,252
Reserved Forestland	380,130	0
Total	18,501,596	281,730
All Land	31,531,452	288,909
%Timberland	59%	98%
%Reserved	2%	0%

Timber Inventory



Timber Growth Vs Harvests⁶

Volume Estimate	NC	Madison County
	Million green tons	
Growth	54.9	1.09
Harvest	33.1	N/A
Growth:Harvest ratio	1.7	N/A

Footnotes:

- ¹ Stumpage value is what the landowner receives for the sale of their standing timber. Delivered value is what is paid by the forest products industry upon delivery of the trees to the mill.
- ² Forest economic impact is based on total effects of all forest products and wood-based industry sectors
- ³ Timber data is from 2012.
- ⁴ Timberlands are a subset of forestlands that are not reserved by law and potentially available for commercial timber harvest. Federal, state and local governments own public timberlands. Non-industrial private landowners (i.e., farm forests, family forests), forest industry, or other corporate businesses (i.e., timber investment management organizations) own private timberlands.
- ⁵ Reserved forests, as used here, are for public lands where law does not permit commercial timber production.
- ⁶ Harvests include removals during timber harvests and removals for other reasons such as land conversion.

Data provided by:

- NC Forest Service: Buyers of Timber in North Carolina from the North Carolina Forest Service. Found at: http://www.ncforestservice.gov/Managing_your_forest/timber_buyers.htm
- National Land Cover Data Base from the Multi-Resolution Land Characteristics Consortium. Found at: <http://www.mrlc.gov/>
- IMPLAN by Minnesota IMPLAN Group, Inc. Found at: <https://implan.com/>
- Protected Areas Database of the United States from the Conservation Biology Institute. Found at: <http://consbio.org/products/projects/pad-us-cbi-edition>
- Timber Mart South. Found at: <http://www.timbermart-south.com/>
- USDA Forest Service Forest Inventory and Analysis. Found at: <http://apps.fs.fed.us/Evaliator/evaluator.jsp>
- USDA Forest Service Forest Inventory and Analysis Timber Products Output. Found at: http://srsfia2.fs.fed.us/php/tpo_2009/tpo_rpa_int1.php

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