

Madison County forestland acreage, ownership, value, and taxes collected.

Total forestland acres, 2018	257,918
Private ownership acres	237,398
Public ownership acres	20,521
Forestland assessed value, 2018	\$11,183,667
Ad valorem tax collections from forestland, 2018	\$1,175,627
Value of standing timber, 2018	\$501,892,945
Value of timber harvested, 2019	\$11,185,371
Timber severance tax collections (100%), 2019	\$36,523
Tax to Forest Resource Development Program (80%)	\$29,218
Tax returned to county government (20%)	\$7,305

Sources: Forestland ownership, acreage, and timber volumes were estimated using the USDA Forest Service, Forest Inventory and Analysis Program, Forest Inventory EVALIDator web application Version 1.8.0.01. Tax collections according to Mississippi Tax Commission and Mississippi Department of Revenue. Timber harvest values according to the Mississippi Harvest of Forest Products Report.



M1738 (100-11-20)

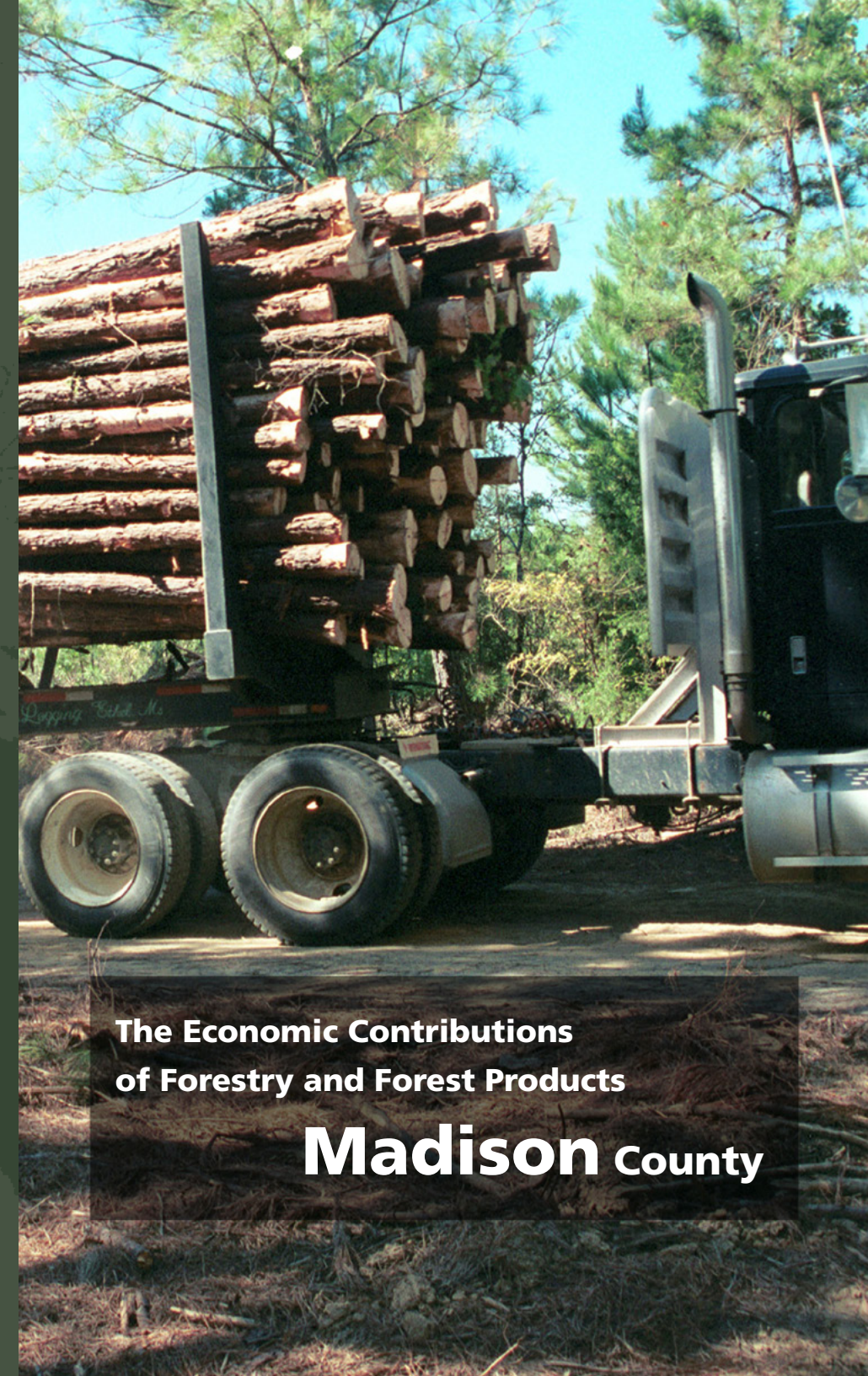
By Shaun M. Tanger, PhD, Assistant Extension Professor, Forestry; Marcus K. Measells, MS, Senior Extension Associate, Forestry; James E. Henderson, PhD, Extension Professor and Head, Coastal Research and Extension Center; and Ian A. Munn, PhD, Associate Dean and Professor, Forestry.

Copyright 2020 by Mississippi State University. All rights reserved. This publication may be copied and distributed without alteration for nonprofit educational purposes provided that credit is given to the Mississippi State University Extension Service.

Produced by Agricultural Communications.

Mississippi State University is an equal opportunity institution. Discrimination in university employment, programs, or activities based on race, color, ethnicity, sex, pregnancy, religion, national origin, disability, age, sexual orientation, genetic information, status as a U.S. veteran, or any other status protected by applicable law is prohibited. Questions about equal opportunity programs or compliance should be directed to the Office of Compliance and Integrity, 56 Morgan Avenue, P.O. 6044, Mississippi State, MS 39762, (662) 325-5839.

Extension Service of Mississippi State University, cooperating with U.S. Department of Agriculture. Published in furtherance of Acts of Congress, May 8 and June 30, 1914. GARY B. JACKSON, Director



The Economic Contributions
of Forestry and Forest Products

Madison County

EMPLOYMENT AND INCOME CONTRIBUTIONS

Forest-related economic activity in Madison County during 2018 generated 241 jobs and over \$11.8 million in income. That's about 0.3% of jobs and 0.3% of income in the county. Employment is the number of full- and part-time jobs in all sectors of the economy. Income includes all forms of employment income, including employee compensation (wages and benefits) and proprietor income, also referred to as labor income.

TOTAL OUTPUT AND VALUE ADDED CONTRIBUTIONS

Forestry and the forest products industry generated over \$45.9 million, or about 0.3% of economic output in Madison County. Forest-related value added amounted to over \$17.6 million, or about 0.3% of all value added in the county. The value of all goods and services produced is defined as total output. Value added is a portion of total output and represents the creation of new wealth.

TAX CONTRIBUTIONS

Forest-related economic activity contributed an estimated \$3.47 million in tax revenue for federal, state, and local governments. This represents an estimated tax revenue of \$2.24 million for federal and \$1.23 million for state and local governments.

Contributions from forest-related sectors on employment and income in Madison County, Mississippi, 2018.

	Number of Jobs	% of County	Income (\$)	% of County
DIRECT CONTRIBUTIONS FROM FOREST-RELATED SECTORS				
Misc. Forest Products	21	0.03	816,115	0.02
Logging	49	0.06	2,318,449	0.06
Solid Wood Products	24	0.03	1,115,710	0.03
Wood Furniture	0	0.00	0	0.00
Pulp & Paper	52	0.06	3,348,500	0.09
Subtotal	146	0.17	7,598,775	0.20
INDIRECT AND INDUCED CONTRIBUTIONS ON SECTORS				
Resource Services	18	0.02	731,409	0.02
Wholesale & Retail Trade	18	0.02	866,708	0.02
Misc. Services	17	0.02	598,454	0.02
Misc. Manufacturing	16	0.02	909,291	0.02
Financial & Real Estate	12	0.01	341,030	0.01
Transport. & Comm. Services	4	0.00	203,328	0.01
Health Services	4	0.00	318,754	0.01
Education	2	0.00	55,093	0.00
Recreation & Amusement	1	0.00	16,370	0.00
Domestic Services	1	0.00	56,951	0.00
Agricultural Products	1	0.00	147	0.00
Government	1	0.00	62,794	0.00
Construction	1	0.00	40,256	0.00
Utility Services	1	0.00	10,544	0.00
Mining	0	0.00	3,570	0.00
Transportation Equipment	0	0.00	3,767	0.00
Petroleum & Chemicals	0	0.00	1,358	0.00
Metal Industries	0	0.00	1,705	0.00
Agricultural Processing	0	0.00	745	0.00
Food Processing	0	0.00	668	0.00
Glass, Stone, & Clay	0	0.00	611	0.00
Machinery & Equipment	0	0.00	19	0.00
Farm Inputs & Machinery	0	0.00	13	0.00
Technology Industries	0	0.00	0	0.00
Fabric Mills & Leather	0	0.00	0	0.00
Subtotal	96	0.11	4,223,587	0.11
TOTAL CONTRIBUTIONS	241	0.29	11,822,361	0.31
Rest of County	83,430	99.71	3,823,072,849	99.69
Total in County	83,671	100.00	3,834,895,210	100.00

Economic contributions developed using 2018 IMPLAN® software and data (reported in 2020 dollars).

Contributions from forest-related sectors on total output and value added in Madison County, Mississippi, 2018.

	Output (\$)	% of County	Value Added (\$)	% of County
DIRECT CONTRIBUTIONS FROM FOREST-RELATED SECTORS				
Misc. Forest Products	1,247,411	0.01	840,297	0.01
Logging	3,958,340	0.02	2,358,474	0.04
Solid Wood Products	4,403,947	0.03	1,650,558	0.02
Wood Furniture	0	0.00	0	0.00
Pulp & Paper	23,526,907	0.15	5,878,232	0.09
Subtotal	33,136,605	0.21	10,727,561	0.16
INDIRECT AND INDUCED CONTRIBUTIONS ON SECTORS				
Resource Services	788,463	0.00	650,183	0.01
Wholesale & Retail Trade	2,931,426	0.02	1,577,609	0.02
Misc. Services	1,537,613	0.01	899,109	0.01
Misc. Manufacturing	1,717,140	0.01	1,058,463	0.02
Financial & Real Estate	3,163,749	0.02	1,573,543	0.02
Transport. & Comm. Services	623,183	0.00	266,953	0.00
Health Services	542,216	0.00	350,521	0.01
Education	107,137	0.00	63,574	0.00
Recreation & Amusement	86,738	0.00	33,262	0.00
Domestic Services	486,677	0.00	222,131	0.00
Agricultural Products	37,355	0.00	11,957	0.00
Government	256,389	0.00	120,289	0.00
Construction	137,994	0.00	53,006	0.00
Utility Services	226,000	0.00	39,196	0.00
Mining	43,663	0.00	4,886	0.00
Transportation Equipment	44,672	0.00	6,081	0.00
Petroleum & Chemicals	17,632	0.00	3,146	0.00
Metal Industries	5,989	0.00	2,375	0.00
Agricultural Processing	6,128	0.00	1,038	0.00
Food Processing	4,046	0.00	985	0.00
Glass, Stone, & Clay	2,692	0.00	984	0.00
Machinery & Equipment	64	0.00	24	0.00
Farm Inputs & Machinery	254	0.00	25	0.00
Technology Industries	1	0.00	0	0.00
Fabric Mills & Leather	0	0.00	0	0.00
Subtotal	12,767,221	0.08	6,939,341	0.10
TOTAL CONTRIBUTIONS	45,903,826	0.29	17,666,902	0.26
Rest of County	16,009,793,101	99.71	6,699,793,600	99.74
Total in County	16,055,696,927	100.00	6,717,460,502	100.00

Economic contributions developed using 2018 IMPLAN® software and data (reported in 2020 dollars).

MADISON

Forestry and forest products are a major component of Madison County's economy. Forest-related economic sectors generate value not only within the forest-related sectors but also in other sectors of the economy. The economic contributions of forest-related sectors and their contributions on other sectors can be estimated using input-output analysis. Using 2018 data, this study estimates the total economic contributions of forestry and the forest products industry to Madison County, Mississippi.

