



# Forest Resources

**Market Notes • Technical Notes • Research Notes • Newsletters**

1987 HARVEST OF FOREST PRODUCTS

June, 1988

Mississippi's forest industry (including private landowners, independent harvesters and company harvesting crews) harvested and delivered more than \$599 million worth of forest products to mills and processors in 1987. The total value of Mississippi's 1987 timber harvest delivered to the first point of processing was \$599,767,221, which is up 25 percent from 1986. Forest products were the second most valuable agricultural crop in 1987, exceeded only by cotton. Landowners received over \$321 million for their standing timber and specialty products as their share of the harvest.

Severance tax collections were 26 percent higher than 1986 collections. Total timber severance tax collections for 1987 were \$3,502,608.89. Twenty percent of the severance tax collections were returned to the counties where the timber was harvested. Eighty percent went to the Forest Resource Development Program (FRDP) to provide cost-share assistance to private forest landowners for reforestation, and other forest management practices on private forest land.

The value of Mississippi's 1987 Harvest of Forest Products is the largest on record. The nearest total to 1987 was recorded in 1979 with \$549 million. Virtually every major category of Mississippi's forest products increased significantly in volume and value in 1987. The pine sawtimber harvest increased 7 percent while the hardwood sawtimber harvest increased 33 percent. Pine and hardwood pulpwood harvests were also higher registering 17 percent and 24 percent increases, respectively. Pine pole and piling harvest volume increased nearly 6 percent and the pine plywood log harvest was up 16 percent. The estimated hardwood veneer log volume increased 190 percent presumably resulting from a strong furniture market and export demand. Crossties increased 20 percent though the volume is relatively small and the Christmas tree harvest increased 20 percent. The only forest product volumes that decreased in 1987 were stumpwood and turpentine gum that declined 66 percent and 12 percent, respectively.

A combination of factors kept the lumber markets strong in 1987. New house construction, repair and remodeling, treated lumber and strengthening exports kept the pine lumber market steady in 1987. Strong export demand for U.S. hardwoods was a very positive factor affecting the hardwood market. Also, consumer demand for hardwood furniture (primarily oak), flooring, moldings, and other hardwood products fueled the increased hardwood sawtimber and veneer log harvest. In response, both pine and hardwood log prices were somewhat higher in 1987 compared to 1986. Pine pole prices, however, declined compared to 1986.

A strong pulp and paper industry accounted for the increased pulpwood harvest in 1987 but prices for pine pulpwood remained steady due to oversupply. Hardwood pulpwood prices increased slightly, however, due primarily to a winter scarcity in 1987.

The estimated value of the 1987 timber harvest is shown in the following table. Average prices were taken from the MCES Timber Price Report, except where noted. The average delivered pulpwood prices are for pulpwood delivered to the local pulpwood yard gate.

For more information on timber prices and timber marketing procedures, contact your local county agent or the Extension Forestry Department, P.O. Box 5446, Mississippi State, MS 39762.

Sincerely,

A handwritten signature in cursive script that reads "Bob Daniels".

Bob Daniels  
Wood Utilization Forester

BD:cb

ESTIMATED VALUE OF THE 1987 TIMBER HARVEST

Product	Unit	Price/Unit <sup>1</sup>		Volume	Value		
		Standing	Delivered		Standing	Delivered	
		-----Dollars-----				-----Dollars-----	
Sawlogs-Pine	MBF,D		<sup>2</sup>	864,941	135,656,180	191,447,265	
-Hardwood	MBF,D		<sup>2</sup>	463,097	46,900,540	81,576,755	
Pulpwood-Pine	Cords		<sup>3</sup>	3,603,674	37,863,915	124,414,098	
-Hardwood	Cords		<sup>3</sup>	2,576,352	14,438,870	72,732,250	
Poles-Pine	MBF,D	216 <sup>4</sup>	342	27,716	5,986,656	9,478,872	
Plywood Logs-Pine	MBF,D	158 <sup>4</sup>	236 <sup>4</sup>	383,925	60,660,150	90,606,300	
Hardwood Veneer Logs	MBF,D	347 <sup>5</sup>	463 <sup>5</sup>	45,801	15,892,947	21,205,863	
Crossties-Hardwood	MBF,D	65	-	13,908	904,020	-	
Tie <sup>6</sup>		-	7.23 <sup>4</sup>	311,629	-	2,253,078	
Stumpwood	Ton	5 <sup>5</sup>	60 <sup>5</sup>	4,219	21,095	253,140	
Turpentine Gum	Barrel	-	100 <sup>5</sup>	996	-	99,600	
Christmas Trees <sup>7</sup>	Tree	9.50	19	300,000	2,850,000	5,700,000	
<b>TOTAL VALUE</b>					<b>321,174,373</b>	<b>599,767,221</b>	

<sup>1</sup>Regional product prices taken from MCES Timber Price Report, except where otherwise noted.

<sup>2</sup>SAWLOG PRICES BY REGION \$/MBF, DOYLE

	Standing		Delivered	
	Pine	Hardwood+	Pine	Hardwood+
North	128	82	201.50	157
Central	158.50	99	229	174
South	169	116.50	224	180
Delta	152*	123	218*	215

<sup>3</sup>PULPWOOD PRICES BY REGION \$/CORD

	Standing		Delivered	
	Pine	Hardwood	Pine	Hardwood
North	9	4	35.50	29.50
Central	9	4.50	34.50	28.50
South	12.50	6.75	34	27
Delta	10*	6.50	38	32

+The hardwood sawlog average prices were calculated using mixed hardwood and oak sawtimber prices from the MCES Timber Price Report. The hardwood sawlog average prices are based on the assumption that Mississippi's hardwood mills cut approximately 70 percent oak and 30 percent other species in 1987. Hence, the hardwood sawlog average price was calculated using the following formula: Hardwood sawlog price = .7 (x oak price per region) + .3 (x mixed species price per region).

\*Statewide average from MCES Timber Price Report in lieu of regional price.

<sup>4</sup>Prices from Timber Mart South.

<sup>5</sup>Price estimates obtained by consultation with industry contacts.

<sup>6</sup>Calculated as 44.63 board feet per 7"x9"x8.5' tie.

<sup>7</sup>Estimate in cooperation with LA-MS Christmas Tree Association.

1987 FOREST PRODUCTS VOLUME BY COUNTY

County	Product										
	Lumber		Sawlogs		Pulpwood		Poles, Piling (100 cu.ft)	Stump- Wood (Tons)	Turpen- tine Gum (Barrels)	Cross- ties (MBF)	Any Other Product (MBF)
	Pine (MBF)	Hardwood	Pine (MBF)	Hardwood	Pine (Cords)	Hardwood					
Adams	8	2,485	7,595	11,041	9,346	53,789	9	-	-	-	-
Alcorn	72	902	3,134	923	36,365	7,655	-	-	-	432	-
Amite	55	878	53,133	864	114,166	45,433	3,233	-	-	-	-
Attala	1,516	181	25,433	7,680	107,241	58,805	11	-	-	171	-
Benton	-	331	8,802	811	38,715	9,470	-	493	-	516	-
Bolivar	-	40	2	2,643	1,135	8,438	-	331	-	40	-
Calhoun	305	210	17,707	7,295	28,625	6,225	-	-	-	503	-
Carroll	1,107	1,233	4,654	1,765	60,586	40,007	-	-	-	-	-
Chickasaw	-	595	4,969	2,054	28,208	9,254	-	-	-	133	-
Choctaw	-	226	15,137	4,125	51,078	12,557	-	-	-	13	-
Claiborne	-	2,685	11,466	14,617	13,139	46,700	6	-	-	-	-
Clarke	1,831	1,729	17,794	5,825	65,639	76,568	2	232	15	7	-
Clay	481	-	3,885	6,143	11,739	9,004	235	-	-	-	-
Coahoma	-	-	209	4,466	-	5,123	-	-	-	-	-
Copiah	134	671	35,862	9,667	91,165	116,644	190	-	-	-	-
Covington	1,688	2,679	8,152	1,243	40,785	47,724	205	356	269	-	41
DeSoto	-	-	29	18	1,186	24	-	-	-	-	-
Forrest	137	110	26,013	587	86,452	52,862	10,616	-	83	-	66
Franklin	-	617	53,830	5,613	62,282	72,627	575	-	-	-	-
George	-	177	7,289	560	16,143	22,545	260	-	-	15	-
Greene	25	905	33,463	1,256	99,052	82,610	474	43	-	-	-
Grenada	-	56	4,420	3,401	44,416	11,318	-	-	-	28	-
Hancock	-	-	4,486	-	31,430	5,397	774	-	-	-	-
Harrison	-	-	6,999	14	42,740	2,129	2,206	-	-	-	-
Hinds	-	3	7,340	3,011	21,046	25,753	187	-	-	-	-
Holmes	-	194	6,107	12,708	61,223	63,845	15	-	-	1	-
Humphreys	-	-	-	993	46	5,320	-	-	-	6	-
Issaquena	-	-	172	9,015	188	34,333	574	-	-	-	-
Itawamba	1,592	5,644	15,741	4,514	79,332	33,358	-	-	-	-	-
Jackson	-	-	7,233	433	46,189	21,485	460	-	-	-	-
Jasper	2,091	3,814	22,657	5,805	61,786	66,960	489	733	-	-	34
Jefferson	-	1,019	16,672	6,506	34,852	72,000	77	-	-	-	-
Jefferson Davis	20	950	9,356	220	43,061	15,836	294	14	-	-	-
Jones	2,415	2,967	22,511	3,870	77,046	70,001	1,055	274	209	13	38
Kemper	2,920	562	34,939	2,760	57,014	85,618	104	-	245	-	-
Lafayette	-	29	16,059	4,095	66,979	2,798	-	-	-	-	-
Lamar	140	218	16,033	239	47,055	19,841	2,856	-	114	7	5
Lauderdale	3,642	2,509	47,080	1,315	133,248	121,744	30	15	-	-	-
Lawrence	156	179	20,808	4,942	79,896	39,159	867	16	-	-	5
Leake	59	151	31,867	4,566	64,020	31,383	-	-	-	600	-
Lee	226	44	2,528	54	24,625	13,112	-	-	-	42	-
Leflore	-	253	-	136	1,108	2,352	-	-	-	122	-
Lincoln	-	35	33,365	4,394	71,374	51,363	787	-	-	-	-
Lowndes	394	-	3,280	2,269	11,404	11,435	-	-	-	42	-
Madison	6	90	10,212	5,235	14,195	12,525	-	-	-	-	-
Marion	82	1,663	17,702	2,802	66,187	36,513	399	-	-	4	-
Marshall	34	69	12,385	711	50,293	4,243	-	-	-	-	-
Monroe	195	-	11,763	3,014	27,194	39,410	-	-	-	537	-
Montgomery	2,712	4,148	11,698	2,432	37,199	42,588	-	-	-	78	-
Neshoba	-	530	47,050	11,440	60,882	59,453	-	-	-	185	-
Newton	379	1,800	29,060	2,239	64,050	57,387	38	12	72	54	-
Noxubee	-	-	29,121	3,152	23,886	37,671	5,921	-	-	1,986	-
Oktibbeha	178	-	9,895	2,645	29,055	9,184	31	-	-	1,378	-
Panola	877	2,636	1,145	3,055	18,627	8,654	-	-	-	-	-
Pearl River	-	1,145	17,975	1,310	88,514	19,173	6,058	-	-	-	-
Perry	315	75	27,056	379	72,361	22,859	9,294	42	-	-	-
Pike	92	75	18,374	852	99,484	25,599	579	-	-	-	-
Pontotoc	19	79	12,810	2,853	44,179	15,552	-	-	-	91	-
Prentiss	1,512	557	3,354	986	35,989	17,175	-	-	-	2,371	27
Quitman	-	1,180	30	372	347	1,583	-	-	-	875	-
Rankin	-	461	39,276	5,071	96,002	54,092	2,201	-	-	-	-
Scott	131	1,273	36,833	8,416	138,479	40,718	63	56	170	22	71

Continued

1987 FOREST PRODUCTS VOLUME BY COUNTY (CONTINUED)

County	Product										
	Lumber		Sawlogs		Pulpwood		Poles, Piling (100 cu.ft)	Stump- Wood (Tons)	Turpen- tine Gum (Barrels)	Cross- ties (MBF)	Any Other Product (MBF)
	Pine (MBF)	Hardwood	Pine (MBF)	Hardwood	Pine (Cords)	Hardwood					
Sharkey	151	-	3	4,340	11	389	-	-	-	-	-
Simpson	1,312	2,475	21,812	937	62,104	46,869	2,624	-	-	-	30
Smith	460	1,175	34,489	3,229	71,412	51,066	-	-	-	71	-
Stone	7	10	20,667	638	41,976	17,454	11,403	-	-	-	-
Sunflower	-	94	7	3,080	-	7,018	-	-	-	22	-
Tallahatchie	-	172	472	2,487	6,625	9,430	-	-	-	-	-
Tate	-	632	177	456	1,293	670	-	-	-	614	-
Tippah	25	1,202	1,970	805	38,802	18,612	-	-	-	325	-
Tishomingo	1,367	11,061	1,622	675	85,922	31,372	-	-	-	116	-
Tunica	-	76	-	7,858	8	28	-	-	-	-	-
Union	1,106	755	11,928	4,421	20,347	9,427	-	-	-	-	-
Walthall	-	2,157	13,678	611	32,830	13,606	819	-	-	-	-
Warren	-	1,529	2,473	23,764	2,576	63,929	-	-	-	-	-
Washington	-	19	119	57	16	9,092	-	-	-	-	-
Wayne	2,141	626	25,794	1,847	85,763	93,290	1,307	-	-	-	683
Webster	3	-	12,010	2,637	32,699	11,152	-	-	-	1,127	-
Wilkinson	-	470	35,866	18,354	52,376	80,858	326	-	-	-	-
Winston	18	3	26,656	4,976	42,128	17,950	57	-	-	279	-
Yalobusha	-	-	10,447	1,494	46,667	27,952	-	-	-	112	-
Yazoo	-	-	585	19,312	6,858	52,514	-	-	-	2	-