

## **Department of Forestry**

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

**November 2000**

### **1999 Harvest of Forest Products**

Mississippi's forest industry (including private landowners, independent harvesters and company harvesting crews) harvested and delivered over \$1.26 billion worth of forest products to mills and other processors in 1999. The total value of Mississippi's 1999 timber harvest delivered to the first point of processing (such as a pulpwood yard or a sawmill) was \$1,261,871,205. This harvest value is 6% lower than 1998. Though the value was lower 1999 marks the seventh straight year Mississippi's timber production value was over \$1 billion. Timber was the second most valuable agricultural commodity in 1999. Poultry and eggs was the most valuable with a \$1.48 billion value, timber was second at \$1.26 billion and cotton was third at \$441 million. The total gross income of Mississippi agriculture in 1999 was \$4.75 billion. Mississippi's forest landowners collected \$1.02 billion for their standing timber in 1999. This is the third year that the standing value of Mississippi's timber harvest was over one billion dollars. The estimated value of the logging and transportation sector was \$238,816,239.

Severance tax collection's on timber were \$4,163,006.84. This total is 2.1% lower than 1998. Twenty percent of the severance tax collection's, or about \$832,601 were returned to the counties where the timber was harvested. Eighty percent or about \$3,330,406 went to the Forest Resource Development Program (FRDP) to provide cost share funds to private, non-industrial forest landowners for reforestation and other forest management practices.

The value of Mississippi's timber harvest decreased 6.1% in 1999. This decrease resulted from a lower volume harvested and lower prices in most product categories. Table 1 shows the estimated value of the timber harvest for 1999.

The harvest volume of pine sawlogs decreased 1.3% and their value decreased 5.1%. Pine pulpwood volume decreased 4.3% and value decreased 11.6%. Pine pulpwood volume declined for the third straight year in 1999. Pine plywood log volume held steady but value increased about 7.1%. The volume of pine poles decreased 19.7 percent but value decreased less than one percent.

Hardwood sawlogs decreased in both harvest volume and value in 1999. Hardwood sawlog volume decreased by 5.8% and value declined 7% compared with 1998. The hardwood pulpwood harvest volume decreased 6.2% and its value declined 16.5%. Hardwood pulpwood harvest volume declined for the fourth straight year in 1999. Hardwood veneer logs declined 4.2% in volume and 9.1% in value. Crossties also declined in volume and value in 1999. Table 2 gives a comparison of 1998 and 1999 by product category.

The value of Mississippi's timber harvest decreased in 1999. Volumes for most products were down but only slightly. Volumes for the major forest products of sawlogs and pulpwood were only 1 to 6 percent lower, depending on the specific product. Lower prices had a greater effect on value in 1999. Pine sawtimber prices held steady in 1999 but hardwood sawlog prices and pulpwood prices moved lower. Table 3 shows a comparison of prices for 1998 and 1999.

A decrease in timber harvest value in 1999 was not surprising. The rate of increase of Mississippi's timber harvest value was 7.6% in 1996 and 10.5% in 1997. In 1998 that rate fell to 3.7% and many commented that "the steam was coming out of timber prices." This proved to be true. 1999 was characterized by good markets for sawlogs and poor markets for pulpwood. Average pine sawlog prices increased slightly but hardwood sawlog prices decreased slightly. A 20-year high in housing in 1999 increased pine lumber prices and kept pine sawtimber Mississippi's "high value" forest product. Good markets for structural panels also made 1999 a good year for pine sawlogs. Pine sawtimber standing average prices ranged from \$438/ to \$458/MBF,D depending on the region of the state.

The good housing market gave a fair market for hardwood sawlogs but it was not as good as for pine. Average standing oak sawtimber prices were steady to slightly lower and ranged from \$266 to \$369/MBF,D depending on region of the state. Mixed hardwood sawtimber standing prices were generally lower compared to 1998 and ranged from \$159 to \$183/MBF,D across the state. Hardwood lumber is used to make furniture, finish molding, cabinets and other home furnishings.

Perhaps the biggest story in 1999 was the continued slump of the pulpwood market. The volume of pulpwood harvested in Mississippi has been declining since its all-time high in 1995. With declining usage we've seen declining prices and value. These losses have been due to a two-year slump in global pulp and paper markets that began to improve late in the year. However, pulpwood has lost considerable status as a Mississippi forest product in recent years. In 1995, pulpwood accounted for 36% of Mississippi's timber harvest value. In 1999, that percentage has fallen to 22. The 1999 pulpwood harvest volume was the lowest since 1990.

Accordingly, pulpwood prices dropped significantly in 1999. Pine pulpwood standing price averages dropped from 7 to 29 percent and hardwood pulpwood price averages moved lower 16 to 32 percent depending on the region of the state.

In 1999, the forest products industry continued to see consolidation and mergers of major companies in attempts to lower costs and deal with an increasingly global marketplace for forest products. Company mergers and realignments did not significantly impact Mississippi companies in 1999 but are sure to be felt in 2000. This may bring structural changes to Mississippi forest industry in 2000.

Despite a changing forest economy, Mississippi forest landowners are well positioned to provide timber to the changing marketplace. The long-term outlook for Mississippi timber demand is bright. Landowners are encouraged to reforest after harvesting and manage their timberland because returns on investment in forestry remain attractive. Making your land productive is financially and personally rewarding.

Table 4 shows harvested volumes of forest products for Mississippi counties within the Mississippi Timber Price Report regions. For current representative prices for Mississippi forest products consult the Mississippi Timber Price Report available on-line at [www.ext.msstate.edu/anr/forestry](http://www.ext.msstate.edu/anr/forestry).

For more information on timber marketing procedures and timber prices contact your County Extension Service or the Mississippi State University Department of Forestry, Box 9681, Mississippi State, MS 39762.

Sincerely,



Dr. Bob Daniels  
Extension Forester

**Table 1. Estimated Value of the 1999 Timber Harvest**

		PRICE/UNIT <sup>1</sup>			VALUE	
		STANDING	DELIVERED		STANDING	DELIVERED
PRODUCT	UNIT	—DOLLARS—		VOLUME	—DOLLARS—	
SAWLOGS - PINE - HARDWOOD	MBF,D MBF,D	<sup>2/</sup> <sup>2/</sup>		1,185,825 535,116	565,311,245 134,424,507	596,098,485 176,538,910
PULPWOOD - PINE - HARDWOOD	Cords Cords	<sup>3/</sup> <sup>3/</sup>		4,170,740 2,979,435	107,297,414 43,403,338	185,184,384 94,406,875
POLES - PINE	MBF,D	598.25 <sup>4</sup>	726.75 <sup>4</sup>	29,526	17,663,930	21,458,021
PLYWOOD LOGS - PINE <sup>11</sup>	MBF,D	424 <sup>4</sup>	499 <sup>4</sup>	305,939	129,718,136	152,663,561
HARDWOOD VENEER LOGS	MBF,D	632.50	732.50	28,160	17,811,200	20,627,200
CROSSTIES - HARDWOOD	MBF,D Tie <sup>6/</sup>	172.50 --	-- 15.50 <sup>5/</sup>	15,443 346,022	2,663,916 --	-- 5,363,341
STUMPWOOD	Ton	5	63	28,256	141,280	1,780,128
TURPENTINE GUM	Barrel	--	100	503	0	50,300
CHRISTMAS TREES <sup>7</sup>	Tree <sup>8</sup>	21 <sup>9</sup>	35 <sup>10</sup>	220,000	4,620,000	7,700,000
<b>TOTAL VALUE</b>					<b>\$1,023,054,966</b>	<b>\$1,216,871,205</b>

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

<sup>2</sup>Sawlog Prices by Region, \$/MBF, Doyle

<sup>3</sup>Pulpwood Prices by Region, \$/Cord

Region <sup>a</sup>	Standing		Delivered		Region <sup>a</sup>	Standing		Delivered	
	Pine	Hardwood <sup>b</sup>	Pine	Hardwood <sup>b</sup>		Pine	Hardwood	Pine	Hardwood
North	440	262	469.75	336.50	North	28.25	17.50	42.75	30.75
Central	451.75	268.75	501.50	353.25	Central	23.50	14.25	41	32.25
South	458	238	506.25	327.50	South	23.75	13.75	43	32.25
Delta/River	438.50	306.25	506.25	376.25	Delta/River	21	13	37	30.50

<sup>a</sup>Regions are those defined in the *Mississippi Timber Price Report*

<sup>b</sup>Hardwood sawlog average prices were calculated using mixed hardwood and oak sawtimber prices from the *Mississippi Timber Price Report*. The hardwood sawlog average prices are based on the assumption that Mississippi's hardwood sawmills cut 70% oak and 30% other species primarily yellow poplar, and sweetgum in 1999. Therefore, the hardwood sawlog average price for each region was calculated using the following formula: Regional hardwood sawlog prices = .7 [average regional oak price] + .3 [average regional mixed hardwood price].

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

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

<sup>6</sup>Calculated as 44.63 board feet per 7" x 9" x 8.5' tie.

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

<sup>8</sup>The average Christmas tree is assumed to be 6 to 8 feet tall.

<sup>9</sup>Standing price is the estimated average wholesale Christmas tree price to growers.

<sup>10</sup>Delivered price is the estimated average price paid for a "choose and cut" Christmas tree.

<sup>11</sup>Plywood and hardwood veneer log volumes estimated by veneer mill survey and consultation with industry contacts.

**Table 2. Comparison of 1998 and 1999 Harvest Volume and Value by Product**

PRODUCT/UNIT	1998		1999			
	VOLUME	VALUE*	VOLUME	%CHANGE	VALUE*	%CHANGE
Pine Sawlogs, MBF,D	1,201,456	627,912,294	1,185,825	-1.3	596,098,485	-5.1
Hardwood Sawlogs, MBF,D	567,965	189,868,026	535,116	-5.8	176,538,910	-7.0
Pine Pulpwood, Cords	4,357,196	209,587,369	4,170,740	-4.3	185,184,384	-11.6
Hardwood Pulpwood, Cords	3,173,432	113,002,696	2,975,695	-6.2	94,406,875	-16.5
Plywood Logs, MBF,D	307,925	142,569,275	305,939	-0.6	152,663,561	7.1
Poles, MBF,D*	36,770	21,657,530	29,526	-19.7	21,458,021	-0.9
Hardwood Veneer Logs, MBF,D	29,391	22,704,548	28,160	-4.2	20,627,200	-9.1
Crossties, Delivered, Ties	416,609	7,694,820	346,022	-16.9	5,363,341	-30.3
Stumpwood, Tons	18,889	1,190,007	28,256	49.6	1,780,128	49.6
Turpentine Gum, Barrels	0	0	0	0.0	50,300	0.0
Christmas Trees, Tree	245,000	7,840,000	220,000	-10.2	7,700,000	-1.8
<b>TOTAL</b>		<b>1,344,026,565</b>			<b>1,261,871,205</b>	<b>-6.1</b>

\*Adjusted 1998 pole volume.

**Table 3. 1998 Versus 1999 Major Product Price Comparison by Region**

PRODUCT/UNIT	REGION	1998		1999			
		STANDING	DELIVERED	STANDING	%CHANGE	DELIVERED	%CHANGE
<b>Pine Sawtimber, MBF,D</b>	North	424.00	496.25	440.00	3.8	496.75	0.1
	Central	447.00	509.25	451.75	1.1	501.50	-1.5
	South	452.00	516.00	458.00	1.3	506.25	-1.9
	Delta/River	430.00	516.00	438.50	2.0	506.25	-1.9
<b>Hardwood Sawtimber, MBF,D</b>	North	268.00	344.25	262.00	-2.2	336.50	-2.3
	Central	303.00	371.75	268.75	-11.3	353.25	-5.0
	South	243.00	324.00	238.00	-2.1	327.50	1.1
	Delta/River	304.00	373.00	306.25	0.7	376.25	0.9
<b>Pine Pulpwood, Cords</b>	North	33.00	46.25	28.25	-14.4	42.75	-7.6
	Central	32.75	47.75	23.50	-28.2	41.00	-14.1
	South	33.75	49.75	23.75	-29.6	43.00	-13.6
	Delta/River	22.75	41.00	21.00	-7.7	37.00	-9.8
<b>Hardwood Pulpwood, Cords</b>	North	21.00	37.00	17.50	-16.7	30.75	-16.9
	Central	20.50	35.25	14.25	-30.5	32.25	-8.5
	South	20.50	34.75	13.75	-32.9	32.25	-7.2
	Delta/River	19.25	35.25	13.00	-32.5	30.50	-13.5

\*Hardwood Sawtimber price averages are as shown in footnote 2b of Table 1

**Table 4. 1999 Harvested Timber Volumes by County and Product**

Table 4. 1999 Harvested Timber Volumes by County and Product											
COUNTY	HARDWOOD			PINE			HARDWOOD			TURPENTINE	
	LUMBER MBM	HARDWOOD MBF,D	PINE MBF,D	LUMBER MBM	HARDWOOD MBF,D	PINE MBF,D	PINE C CU FT	POLES TONS	PINE GUM BARRELS	CROSSTIES MBF,D	OTHER IMB/CORDS
<b>NORTHERN REGION</b>											
ALCONA	0.00	30.66	6922.28	592.66	1502.76	16388.66	0.20	0.00	0.00	16.00	2.66
BENTON	0.00	257.33	5355.00	4298.66	15902.22	0.22	0.00	0.00	0.00	0.00	0.00
CALHOUN	0.00	0.00	8729.00	3650.66	74220.00	25751.11	0.33	0.00	0.00	3288.83	0.00
CARROLL	1356.00	358.66	13228.00	5946.66	43126.66	57857.77	5.12	0.00	0.00	0.00	8322.16
CHICKASAW	0.00	0.00	10623.00	3422.66	23240.00	0.18	0.00	0.00	0.00	0.00	0.00
CLAY	0.00	0.00	6988.00	4848.00	22008.88	0.29	0.00	0.00	0.00	341.33	0.00
DESOLO	0.00	119.00	1866.66	1365.33	2333.33	0.00	0.00	0.00	0.00	0.00	0.00
GRENDADA	0.00	0.00	10350.00	3026.66	19833.33	30875.55	0.04	0.00	0.00	0.00	122.16
ITAWAMBA	0.00	5.33	12141.44	5600.00	73099.46	72413.33	3.35	0.00	0.00	0.00	144.33
LAFAYETTE	0.00	0.00	9361.00	5016.00	30122.33	27884.44	0.01	0.00	0.00	0.00	0.00
LEE	0.00	5624.00	1605.33	13355.33	12337.77	1.11	0.00	0.00	0.00	0.00	0.00
MARSHALL	0.00	14.66	13582.00	15401.33	14910.00	6240.00	0.22	0.00	0.00	0.00	0.00
MONROE	0.00	1.33	13469.13	5808.00	90633.33	55208.89	0.78	0.00	0.00	12.00	0.00
MONTGOMERY	1917.25	458.66	15050.00	6905.33	69146.66	49515.55	4.95	0.00	0.00	566.66	0.00
PANOZA	0.00	0.00	5109.00	2837.33	10164.60	73915.35	0.00	0.00	0.00	0.00	0.00
PONTOTOC	0.00	33.33	4543.00	6916.00	10645.66	30072.50	0.28	0.00	0.00	122.66	0.00
PRENTISS	0.00	0.00	4390.00	4556.00	20967.80	16353.33	0.27	0.00	0.00	1368.00	0.00
STATE	0.00	0.00	2308.00	2970.66	1440.00	3275.55	0.06	0.00	0.00	0.00	31.33
TIPPAH	0.00	1156.06	10072.00	8442.66	25662.66	30524.44	0.80	0.00	0.00	473.48	0.00
TISHOMINGO	0.00	0.00	7927.14	4189.33	11821.03	20555.55	0.13	0.00	0.00	573.33	0.00
UNION	0.00	21.33	2967.00	2814.66	8104.06	9551.11	0.42	0.00	0.00	0.00	0.00
WEBSTER	0.00	0.00	15178.91	2345.33	120025.66	17462.57	0.06	0.00	0.00	8251.01	0.00
YALOUBUSA	0.00	0.00	4420.00	990.66	19270.00	9026.66	0.10	0.00	0.00	4.00	0.00
<b>TOTAL</b>	<b>3273.25</b>	<b>22937.35</b>	<b>1582456.90</b>	<b>109421.24</b>	<b>760439.28</b>	<b>6296572.76</b>	<b>18.92</b>	<b>0.00</b>	<b>0.00</b>	<b>11759.14</b>	<b>2.66</b>
										<b>10055.14</b>	<b>8622.16</b>

**Table 4. 1999 Harvested Timber Volumes by County and Product**

COUNTY	MBM MBF.D	PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD	PINE	TURPENTINE	CROSSTIES	OTHER	PINE
		LUMBER	LUMBER	SAWLOGS	PULPWOOD	PULPWOOD	POLYWOOD	POLES	STUMPWOOD	GUM	MBF.CORDS	LOGS
		MBM	MBM	MBF.D	MBF.D	CORDS	MBF.D	C CU FT	TONS	BARRELS	MBF.D	HARDWOOD
<b>CENTRAL REGION</b>												
ATTALA	0.00	0.00	34823.00	11892.00	125346.66	48640.00	7.35	2968.00	0.00	0.00	0.00	5691.66
CHOCTAW	0.00	61.33	31539.00	10220.00	52590.00	23684.44	40.47	0.00	0.00	1402.66	0.00	633.33
CLARKE	1004.00	129.33	45250.77	7545.33	12910.00	139422.22	26.48	0.00	0.00	0.00	16.00	23033.33
HINDS	50.66	10.66	9596.00	9191.77	39590.00	60168.89	0.00	0.00	0.00	1.33	0.00	600.00
HOLMES	0.00	9.33	5436.00	8758.66	4553.33	76715.55	2.26	0.00	0.00	438.66	0.00	211.06
JASPER	0.00	158.66	36045.00	8674.66	62036.66	56555.55	7.75	0.00	0.00	0.00	0.00	48411.06
KEMPER	108.00	1337.33	77729.70	9078.00	139853.33	90093.33	23.07	0.00	0.00	0.00	0.00	17288.33
LAUDERDALE	68.00	1106.66	36023.26	8056.00	70946.66	69515.55	24.96	516.00	0.00	0.00	0.00	14806.00
LEAKE	0.00	964.00	20353.81	7196.00	75336.66	42000.00	7.57	0.00	0.00	0.00	0.00	1866.46
LOWNDES	0.00	388.00	8576.00	3346.00	13013.33	23422.22	0.40	0.00	0.00	725.33	0.00	2666.66
MADISON	0.00	0.00	16442.00	6233.33	49226.66	54737.77	2.91	0.00	0.00	0.00	0.00	1366.66
NESHoba	0.00	269.33	58791.77	5412.00	66586.66	72786.66	17.13	0.00	0.00	17.33	0.00	4600.00
NEWTON	0.00	262.66	22694.09	6495.60	69610.00	58013.33	13.42	0.00	0.00	0.00	246.00	14811.06
NOXUBEE	0.00	522.00	9208.00	40815.00	61366.66	62240.00	11.46	0.00	0.00	0.00	0.00	3188.33
OKTIBBEHA	13.33	0.00	21604.00	4785.33	53986.10	31253.33	19.08	9436.00	0.00	1100.00	0.00	2633.33
RANKIN	8.00	0.00	34215.00	7768.00	10707.66	57946.66	6.95	0.00	0.00	0.00	0.00	6488.33
SCOTT	0.00	1576.00	35043.00	6188.00	46686.66	80333.33	1.64	0.00	0.00	0.00	0.00	7844.31
SIMPSON	69.33	10.66	49435.00	12616.00	73193.33	88417.77	2.43	0.00	0.00	0.00	0.00	21777.75
SMITH	0.00	218.66	32556.00	7485.33	57430.00	40275.55	13.45	0.00	0.00	0.00	0.00	18225.00
WINSTON	0.00	302.66	32829.00	9613.69	74670.00	38475.55	15.59	0.00	0.00	13.33	0.00	7144.31
<b>TOTAL</b>	<b>1321.32</b>	<b>7327.27</b>	<b>653825.40</b>	<b>159773.70</b>	<b>1411909.36</b>	<b>1214697.79</b>	<b>244.37</b>	<b>12920.00</b>	<b>0.00</b>	<b>3698.64</b>	<b>266.66</b>	<b>20382.23</b>

**Table 4. 1999 Harvested Timber Volumes by County and Product**

COUNTY	PINE			HARDWOOD			PINE			HARDWOOD			PINE			TURPENTINE			PINE		
	HARDWOOD			SAWLOGS			PULPWOOD			POLES			STUMPWOOD			GUM			CROSSTIES		
	LUMBER	MBM	MBF,D	LUMBER	MBM	MBF,D	CORDS	MBF,D	MBM	C CU FT	TONS	BARRELS	MBF,D	MBM	MBF,CORNS	TONS	LOGS	TONS	HARDWOOD		
<b>SOUTH REGION</b>																					
AMITE	336.00	1206.66		52552.00	4244.00		84863.33		60831.11	19.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20450.00	0.00	
COPIAH	13.33	0.00		29454.00	8376.00	101723.33	66164.44	5.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9277.75	0.00		
COVINGTON	0.00	12.00		10889.00	11528.00		39446.66	19160.00	4.42	224.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18306.00	0.00	
FORREST	0.00	104.00		20231.83	3182.66		60870.00	27760.00	40.92	360.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9222.16	0.00	
FRANKLIN	1149.33	13.33		49031.00	5506.66		58592.36	64111.11	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	20511.08	0.00		
GEORGE	561.33	0.00		16151.00	4242.66		10301.00	15031.11	6.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21000.00	0.00		
GREENE	0.00	134.66		23857.00	40666.66		136256.66	34937.78	24.38	204.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29322.16	0.00	
HANCOCK	0.00	66.66		22594.00	1450.66		86163.33	10417.77	13.01	1598.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13216.66	0.00	
HARRISON	0.00	106.66		17604.00	518.66		63546.66	7475.55	34.27	5156.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8555.50	0.00	
JACKSON	0.00	57.33		11499.00	618.66		62216.66	3253.33	3.74	236.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10866.66	0.00	
JEFF DAVIS	0.00	721.33		16824.00	2916.00		70672.13	5168.89	4.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	21411.08	0.00		
JONES	0.00	24.00		35330.00	16500.00		75346.66	11.84	1396.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1934.66	0.00		
LAMAR	0.00	33.33		3399.33	83477.03		21062.22	84.94	1052.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29277.75	0.00		
LAWRENCE	36.00	124.00		27554.00	14842.66		94840.00	16240.00	6.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2711.08	0.00		
LINCOLN	0.00	0.00		34168.94	5813.33		95049.00	48564.44	6.48	1032.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14077.75	0.00	
MARION	285.33	340.00		29827.00	14194.66		84133.33	21266.66	21.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	18477.75	0.00		
PEARL RIVER	0.00	201.33		26481.00	4372.00		154610.00	32102.22	16.85	2076.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10744.41	0.00	
PERRY	0.00	149.33		26210.00	2270.66		70330.00	17724.44	34.84	352.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28166.66	0.00	
PIKE	0.00	18.66		18989.00	2316.00		39983.33	12533.33	3.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	7466.66	0.00		
STONE	0.00	2.66		15794.00	1488.00		85670.00	10186.66	40.64	596.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11155.50	0.00	
WALTHALL	0.00	72.00		10729.00	4466.66		43946.66	6706.66	0.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14255.50	0.00		
WAYNE	3922.66	9.33		4999.00	15348.00		14474.66	77325.06	31.50	664.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	25644.41	0.00	
<b>TOTAL</b>	6303.98	3397.27		573959.60	131671.92		1856221.46	653569.44	418.63	15336.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	362945.18	0.00	

**Table 4. 1999 Harvested Timber Volumes by County and Product**

		PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD
	LUMBER	LUMBER	LUMBER	SAWLOGS	SAWLOGS	PULPWOOD	PULPWOOD	POLES	PULPWOOD	POLES	PULPWOOD	CROSSLIES	CROSSLIES	LOGS	LOGS
COUNTY	MBM	MBM	MBM	MBF.D	MBF.D	CORDS	CORDS	CU FT	MBF.D	MBF.D	MBF.D	MBF.D	MBF.D	TONS	TONS
<b>DELTA/RIVER REGION</b>															
ADAMS	206.67	0.00	9236.00	12306.66	14156.66	46146.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	966.66	0.00
BOLIVAR	0.00	1236.00	280.00	4233.30	643.31	10684.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CLAIBORNE	405.33	733.33	6136.00	16433.33	25873.33	40453.33	0.00	0.00	0.00	0.00	0.00	0.00	61.33	833.33	0.00
COAHOMA	0.00	53.33	2.00	74.66	9076.56	697.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUMPHREYS	0.00	0.00	0.00	2208.00	1246.56	12528.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ISSAQURENA	0.00	0.00	0.00	25.00	12102.66	213.93	61968.89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JEFFERSON	264.00	0.00	19412.00	9935.73	51650.00	63084.44	1.29	0.00	0.00	0.00	0.00	0.00	0.00	8077.75	0.00
LEFLORE	0.00	0.00	149.00	1716.66	1426.56	7453.33	0.00	0.00	30.00	0.00	0.00	0.00	0.00	0.00	0.00
QUITMAN	0.00	82.66	21.00	748.00	76.56	75.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHARKEY	0.00	642.66	960.00	1092.00	76.56	17604.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SUNFLOWER	0.00	0.00	6.00	1618.00	0.00	5151.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TALLAHATCHIE	0.00	0.00	845.00	2112.00	3583.33	13391.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TUNICA	0.00	416.00	0.00	3580.00	320.00	3293.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WARREN	12.00	1261.33	1037.00	47628.00	4420.00	73346.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WASHINGTON	0.00	0.00	27.00	1720.00	0.00	6484.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WILKINSON	952.00	1205.33	28923.00	16728.33	49226.66	89204.44	1.73	0.00	0.00	0.00	0.00	0.00	0.00	25155.50	0.00
YAZO	0.00	388.00	1829.00	13660.61	9280.00	26306.66	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>TOTAL</b>	1,840.00	6,018.64	68,888.00	148,128.60	171,969.94	477,755.49	3.15	0	30	0	0	61.33	35033.24	0	0
<b>GRAND TOTAL</b>	12,758.55	19,040.53	1,485,139.90	54,995.46	4,170,740.04	2,975,695.39	685.07	28,256.00	30	15,527.11	389.31	35033.24	581382.25	10,472.16	