

## 2004 Harvest of Forest Products

By Bob Daniels

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Mississippi's forest industry (including private landowners, independent harvesters and forest industry) harvested and delivered nearly \$1.26 billion worth of forest products to mills and other processors in 2004. The total value of Mississippi's 2004 timber harvest delivered to the first point of processing (such as a pulpwood yard or sawmill) was \$1,257,562,521. This harvest value is 14.4 percent higher than 2003. The year 2004 was the twelfth straight year Mississippi's timber production value was over \$1 billion. Timber was the second most valuable agricultural commodity in 2004. Poultry and eggs was the most valuable with a \$2.1 billion value, timber was second at \$1.25 billion and cotton was third at \$591 million. Mississippi's forest landowners collected over \$862 million for their standing timber in 2004. The estimated value of the logging and transportation sector was \$395,386,982.

Severance tax collections on timber were \$3,602,064. This total is 1.8% lower than 2003. Twenty percent of severance tax collections, or about \$720,413 were returned to the counties where the timber was harvested. Eighty percent or about \$2,881,651 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 increased 14.4% in 2004. This strong increase resulted from a modest increase in most harvest volumes and increases in delivered prices. Pine sawlogs and hardwood pulpwood saw the greatest increase in value. Table 1 shows the estimated value of the timber harvest for 2004.

Table 2 shows a comparison of 2003 and 2004 by product category. The harvest volume of pine sawlogs increased by 8% and their value increased 18.6%. Pine pulpwood volume decreased by 5.3% but value increased 8.2%. The volume of pine poles increased 5% and their value increased 2.1 percent. Hardwood sawlog volume increased 2% and value increased 7.5%. Hardwood pulpwood harvest volume decreased by 13.9% but value jumped 15%. Crossties increased in both volume and value in 2004.

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Mississippi's timber harvest value increased in 2004 for the second consecutive year. Volumes for all sawlog categories were higher and pulpwood volumes were lower in 2004. Delivered prices were higher for all products. Delivered prices for pine sawlogs in north Mississippi and pulpwood in all areas of the state experienced double-digit increases.

The strong increase in timber harvest value for 2004 continued a trend that began in 2003. A record-setting U.S. softwood lumber demand and an expanding economy in 2004 helped to reverse the previous trend. A persistently strong US housing market fueled the pine lumber market and the southeast US continued as the most active housing construction region. Pine lumber production moved ahead in 2004 to record levels. Southern pine lumber production region-wide for the year 2004 was a new record 18.1 billion board feet. Since pine sawlogs account for 62.5 percent of Mississippi's timber harvest value, this market helps steady the state's timber value performance in 2004. Hardwood sawlog markets continued to improve in 2004. For the year, Mississippi hardwood log harvest volume was 2% higher and delivered log prices improved about 7%.

Mississippi's pulpwood economy continued to adjust in 2004. Pulpwood harvest volumes decreased in 2004 but prices improved as the paper industry rebounded. Standing pulpwood prices increased in almost all areas of the state. Delivered prices all increased more than 10 percent for the second year in a row but pulpwood prices are well below historical highs in 1999. Pine pulpwood value increased 8 percent and hardwood pulpwood value jumped 15 percent. Overall, pine and hardwood pulpwood accounted for about 23.4 percent of the harvest value.

Mississippi's forest economy continues to change. Increasingly forest industry forestlands are being sold to investor groups. In 2004, International Paper Company became the latest forest products firm to announce their intentions to sell their timberland holdings. Our forest economy continues to be excessively concentrated on pine sawlog products. Since over 62 percent of the state's forest harvest value is dependent on pine sawtimber the forest economy is less balanced than it was 10 years ago. Economic development officials would do well to concentrate on economic development efforts to attract companies that use hardwood logs and pulpwood-size pine timber.

In spite of these changes Mississippi forest landowners remain in good position to supply domestic and international forest products demand. The long-term outlook for Mississippi timber production, especially for pine, remains positive.

Table 3 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 timber price information available on-line at [www.msucare.com](http://www.msucare.com). Select "Forestry" then "Timber Price Reporting for Mississippi."

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.

Table 1. Estimated value of Mississippi's 2004 timber harvest by product.

Product	Unit	Volume	Value (\$)	
			Standing	Delivered
Pine Sawlogs	MBF,D	1,446,524	598,894,619	764,431,567
Hardwood Sawlogs	MBF,D	463,153	131,860,178	173,675,218
Pine Pulpwood	Cords	3,879,790	80,589,330	207,820,820
Hardwood	Cords	1,781,231	31,780,794	85,373,320
Pine Poles	MBF,D	26,275	14,333,013	19,285,960
Crossties	MBF,D	9,582	2,406,305	3,176,004
Stumpwood	Tons	2,264	11,300	142,632
Christmas Trees	Trees	95,000	2,300,000	3,657,000
<b>Total Value</b>			<b>862,175,539</b>	<b>1,257,562,521</b>

Table 2. Comparison of Mississippi's 2003 and 2004 harvest volumes and delivered values by product.

Product	Unit	2003		2004			
		Volume	Value	Volume	% Change	Value	% Change
Pine Sawlogs	MBF,D	1,339,239	644,385,426	1,446,524	8.0	764,431,567	18.6
Hardwood Sawlogs	MBF,D	453,959	161,619,146	463,153	2.0	173,675,218	7.5
Pine Pulpwood	Cords	4,095,774	192,061,346	3,879,790	-5.3	207,820,820	8.2
Hardwood Pulpwood	Cords	2,069,797	74,240,136	1,781,231	-13.9	85,373,320	15.0
Poles	MBF,D	25,029	18,896,895	26,275	5.0	19,285,960	2.1
Crossties	MBF,D	186,892	3,328,547	9,582	-94.9	3,176,004	-4.6
Stumpwood	Tons	9,024	571,032	2,264	-74.9	142,632	-75.0
Christmas Trees	Tree	100,00	3,700,000	95,000	-5.0	3,657,000	-1.2
<b>Total Value</b>			<b>1,098,802,528</b>			<b>1,257,562,521</b>	<b>14.4</b>

Table 3. Mississippi's 2004 harvested timber volumes by product and county.

COUNTY	PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD	PINE	STUMPWOOD	TURPENTINE	CROSSTIES	OTHER	PINE	HARDWOOD
	LUMBER	LUMBER	SAWLOGS	SAWLOGS	PULPWOOD	PULPWOOD	POLES		GUM			LOGS	LOGS
	MBM	MBM	MBF,D	MBF,D	CORDS	CORDS	C CU FT	TONS	BARRELS	MBF,D	MBF/CORDS	TONS	TONS
<b>NORTHERN REGION</b>													
ALCORN			52	7962	1815.44	22256.66	16137.77	3.48					
BENTON				1819	2254.66	13313.33	828.88	0.31					
CALHOUN			8	16748	2929.33	69213.33	2631.11	0.54				2	
CARROLL			485.33	6384	5854.66	25	33826.66	3.49					
CHICKASAW			5.33	9139	11	336.66	8551.11	0.2				13.33	
CLAY			213.33	14737	4229.33	1254	16373.33	1.2		196		25.33	
DESOTO				631	865.33	6126.66	64.44						
GRENADA			76	465	4761.33	44816.66	1196	0.89					
ITAWAMBA				18623	668	4713.33	49137.77	0.3				132	
LAFAYETTE				7758	1713.33	33793.33	7875.55	0.16		1.33		26.66	
LEE				4685	1924	6646.66	9831.11	1.71					
MARSHALL				2673.78	2965.33	443.33	872.22	0.31					
MONROE			225.33	13542.78	648	1485	29275.55	1.57				258.66	
MONTGOMERY	1.33		3264	11583	3472	46543.33	3335.55	1.67		12			142.66
PANOLA				1842.76	564	52223.33	3866.66	0.34					
PONTOTOC			4	1221.71	1224	38	7826.66				53.33		
PRETISS			42.66	7698	2162	4592	17697.77	0.39		17.33		73.33	8
TATE				44	1734.66	5386.66	795.55	0.37					
TIPPAH	112		733.33	5273	597.33	1961	1184.44	0.73			894.66		
TISHOMINGO			5.33	5996	261.36	44233.33	32337.77	0.21			246.66		
UNION				249	266.14	8116.66	888.88	1.14					
WEBSTER			264	1145	1466.66	59696.66	235.55	2.21			4622.66	36	
YALOBUSHA				983	1122.66	43186.66	14551.11	3.18				1	
<b>TOTAL</b>	<b>113.33</b>	<b>5414.64</b>	<b>176591.3</b>	<b>64579.55</b>	<b>681226.58</b>	<b>44275.44</b>	<b>24.22</b>	<b>196</b>		<b>5847.97</b>		<b>145.31</b>	<b>15.66</b>
<b>CENTRAL REGION</b>													
ATTALA	12		55.66	33944.15	3276	123627.43	35125.91	3.43			5.33	5.33	
CHOCTAW				384	2116	1596	46756.66	3497.77	4.22		117.33	65.33	
CLARKE			97.33	51618	22112	82636.66	3733.33	31.55				474	158.66
HINDS			28	11469	7694.66	376	4132.22	0.43				162.66	
HOLMES			142.66	6621	932.66	366	3156.66	0.57					
JASPER			677.33	5951	19138.66	7642	27782.22	42.4				1896	993.33
KEMPER			91.33	77122	2424	7145	49444.44	37.25				193.66	
LAUDERDALE			2348	39432	4658.66	8166.66	47386.66	27.13				238.66	
LEAKE			486.66	16333	638.66	11186.66	29688.88	5.69				168	
LOWNDES	61.33		78.66	4281.56	1538.66	2833.33	1797.77			881.33		157.33	
MADISON			262.66	18418	2988	625	3791.11	5.51				38.66	
NESHOBA	894.66		42.66	35558	3538.66	95426.66	39444.44	5.16				692	
NEWTON	68		94	4582	1211.98	39343.33	41128.89	13.43			52	219.33	12.66
NOXUBEE			292	35617.79	2837.33	6574	24568.88	8.3				133.33	
OKTIBBEHA			94.66	19867.4	1446.66	46443.33	19871.11	2.75			132	122.66	
RANKIN			166.66	3853	587.66	1948	32684.44	8.59		44		2472	125.33
SCOTT			269.33	19274.79	7958.66	5363.33	23733.33	8				74	428
SIMPSON			92	29116	6216	74813.33	34955.55	6.64				299.33	96.66
SMITH			728	23227	62.66	47823.33	7288.88	6.6				23	469.33
WINSTON			338.66	396	3544	5286	27551.11	3.32				76	
<b>TOTAL</b>	<b>135.99</b>	<b>9425.26</b>	<b>6347.33</b>	<b>128394.57</b>	<b>13848.71</b>	<b>622583.6</b>	<b>22.34</b>	<b>44</b>		<b>2935.99</b>	<b>52</b>	<b>31685.28</b>	<b>3183.97</b>

Table 3. Mississippi's 2004 harvested timber volumes by product and county (cont.).

COUNTY	PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD	PINE	STUMPWOOD	TURPENTINE	CROSSTIES	OTHER	PINE	HARDWOOD
	LUMBER	LUMBER	SAWLOGS	SAWLOGS	PULPWOOD	PULPWOOD	POLES		GUM			LOGS	LOGS
	MBM	MBM	MBF,D	MBF,D	CORDS	CORDS	C CU FT	TONS	BARRELS	MBF,D	MBF/CORDS	TONS	TONS
SOUTH REGION													
AMITE	726.68	1,752.00	62,742.00	7,578.85	133,576.66	77,280.00	40.92	0.00	0.00	0.00	0.00	2,749.33	
COPIAH	0.00	49.33	39,503.00	7,052.00	91,623.33	32,742.22	2.83	0.00	0.00	0.00	0.00	1,312.00	
COVINGTON	0.00	261.33	15,358.00	3,876.00	46,920.00	11,644.44	4.79	0.00	0.00	0.00	0.00	3,102.66	289.33
FORREST	0.00	144.00	29,203.00	862.66	59,086.66	8,164.44	7.14	0.00	0.00	1.33	0.00	1,138.66	
FRANKLIN	0.00	118.66	26,915.00	4,246.56	50,930.00	40,755.55	3.45	0.00	0.00	0.00	0.00	1,053.33	
GEORGE	0.00	6.66	12,888.00	392.00	62,900.00	3,875.55	10.15	192.00	0.00	0.00	0.00	2,901.33	
GREENE	0.00	133.33	23,861.00	5,181.33	166,726.66	8,533.33	5.94	232.00	0.00	28.00	0.00	6,250.66	
HANCOCK	32.00	8.00	14,322.00	2,181.33	38,870.00	2,591.11	3.60	0.00	0.00	0.00	0.00	2,058.66	
HARRISON	0.00	5.33	15,290.00	26.66	35,530.00	800.00	0.80	0.00	0.00	0.00	0.00	634.66	
JACKSON	0.00	0.00	8,092.00	146.66	34,186.66	1,111.11	4.55	1,460.00	0.00	0.00	0.00	804.00	
JEFF DAVIS	0.00	309.33	18,303.00	3,244.00	73,696.66	18,862.22	5.42	0.00	0.00	0.00	0.00	2,168.00	72.00
JONES	0.00	450.66	29,937.00	26,900.00	75,256.66	9,613.33	17.83	0.00	0.00	8.00	0.00	5,302.66	912.00
LAMAR	13.33	196.00	27,496.00	1,430.66	106,133.30	7,803.02	66.43	140.00	0.00	0.00	0.00	2,940.00	29.33
LAWRENCE	0.00	220.00	39,205.00	6,416.00	64,776.66	28,800.04	3.45	0.00	0.00	0.00	0.00	1,424.00	
LINCOLN	0.00	40.00	48,993.00	4,459.32	95,279.26	39,126.22	4.13	0.00	0.00	0.00	0.00	2,024.00	
MARION	614.41	121.33	30,652.00	5,209.33	66,753.26	22,622.22	3.10	0.00	0.00	0.00	0.00	1,585.33	110.66
PEARL RIVER	0.00	1,160.00	45,447.00	1,912.60	127,930.00	21,582.22	4.77	0.00	0.00	0.00	0.00	1,668.00	
PERRY	0.00	18.66	21,853.00	1,653.33	108,456.66	7,088.88	28.09	0.00	0.00	0.00	0.00	3,344.00	
PIKE	22.66	182.66	23,123.00	2,704.45	48,140.00	18,390.62	0.60	0.00	0.00	0.00	0.00	1,224.00	
STONE	0.00	13.33	16,105.93	362.66	46,890.00	3,311.11	2.37	0.00	0.00	0.00	0.00	2,092.00	
WALTHALL	0.00	569.33	16,848.00	3,216.00	38,946.66	13,924.44	1.15	0.00	0.00	0.00	0.00	2,672.00	
WAYNE	0.00	104.00	40,744.00	26,144.00	108,456.66	18,960.00	9.12	0.00	0.00	0.00	0.00	6,886.66	
TOTAL	1,409.08	5,863.94	606,880.93	115,196.40	1,681,065.75	397,582.07	230.63	2,024.00	0.00	37.33	0.00	55,335.94	1,413.32
DELTA/RIVER REGION													
ADAMS	13.33	65.33	5,659.05	17,390.34	7,353.33	36,497.77	0.10	0.00	0.00	0.00	0.00	342.66	
BOLIVAR	0.00	0.00	982.00	7,804.00	129.70	33,520.00							
CLAIBORNE	0.00	0.00	6,339.00	15,891.92	46,576.66	40,382.22	0.59	0.00	0.00	0.00	0.00	198.66	
COAHOMA	0.00	0.00	91.00	1,332.00	50.00	16,359.42							
HUMPHREYS				1,053.33	36.66	2,031.11							
ISSAQUEENA			5.00	5,492.00	23.33	36,577.77							
JEFFERSON	0.00	25.33	14,685.00	7,963.97	21,032.60	26,498.04	0.67	0.00	0.00	0.00	0.00	122.66	
LEFLORE	0.00	353.33	115.00	1,093.33	606.66	1,471.11							
QUITMAN				93.33	284.44	4.00							
SHARKEY			942.00	3,177.33	26.66	6,822.22							
SUNFLOWER	0.00	0.00	6.00	1,126.66	10.00	1,955.55							
TALLAHATCHIE			590.00	2,222.66	18,813.33	3,982.22	0.00	0.00	0.00	761.00			
TUNICA				1,530.66	10.00	1,897.77							
WARREN			2,074.00	35,282.88	1,596.66	58,853.33	0.00	0.00	0.00	0.00	49.33		
WASHINGTON	0.00	0.00	136.00	3,165.33	436.66	9,706.66	0.15	0.00	0.00	0.00	0.00	16.00	
WILKINSON	0.00	2,180.00	24,233.27	12,114.89	70,446.66	51,217.77	1.03	0.00	0.00	0.00	0.00	2,253.33	
YAZZO	0.00	265.33	1,216.00	14,085.33	6,583.33	27,304.66	0.00	0.00	0.00	0.00	0.00	0.00	36.00
TOTAL	13.33	2,889.32	57,073.32	130,819.96	174,016.68	355,081.62	2.54	-	-	761.00	49.33	2,933.31	36.00
GRAND TOTAL	2,571.73	23,593.16	1,443,952.61	438,990.48	3,844,789.72	1,779,522.73	477.73	2,264.00	-	9,582.29	569.33	90,999.84	4,783.95