

2005 Harvest of Forest Products

By Marcus K. Measells and James E. Henderson

In 2005, Mississippi's forest industry (including private, nonindustrial landowners, independent harvesters, and forest industry) harvested and delivered \$1.45 billion worth of forest products to mills and other processors. The total value of Mississippi's 2005 timber harvest delivered to the first point of processing (such as a pulpwood yard or sawmill) was \$1,453,446,332. This harvest value is 15.6% higher than 2004. The year 2005 was the 13th straight year Mississippi's timber production value was over \$1 billion. Timber was the second most valuable agricultural commodity in 2005. Poultry and eggs were the most valuable at \$2.23 billion, timber was second at \$1.45 billion, and cotton third at \$469 million. Mississippi's forest landowners collected \$944 million for their standing timber in 2005. The estimated value of the logging and transportation sector was \$509,072,888.

Severance tax collections on timber were \$3,728,651, or 3.5% higher than 2004. Twenty percent of severance tax collections, or about \$745,730, were returned to the counties where the timber was harvested. Eighty percent, or about \$2,982,921, went to the Forest Resource Development Program (FRDP) to provide cost share funds to private, nonindustrial forest landowners for reforestation and other forest management practices.

The value of Mississippi's timber harvest increased 15.6% in 2005. This increase resulted primarily from increases in delivered prices (despite the impacts Hurricane Katrina had on 4th quarter prices). Table 1 shows the estimated value of the 2005 timber harvest.

The harvest volume of pine sawlogs increased significantly by 9.5% and their value also increased 9.5%. Pine pulpwood volume remained level with a very slight increase. Pine pulpwood value however increased 25.5%. The volume of pine poles decreased 1% but their value increased 31.9%. Hardwood sawlog volume decreased 13.2% while value increased 5.2%. Hardwood pulpwood harvest volume increased by 8.9% and the value increased dramatically by 64.4%. Crossties had a slight increase in volume and a 25% increase in value. Table 2 shows a comparison of 2004 and 2005 of harvest volumes and delivered values by product category.

Mississippi's forest economy is changing as companies merge, realign, sell assets, and adapt to an increasingly global marketplace. Hurricane Katrina caused much damage, approximately two year's timber harvest volume. The initial salvage and recovery of forest

Cooperative Extension Service • Mississippi State University

Box 9681 • Mississippi State, MS 39762-9681 • Office (662) 325-3150 • Fax (662) 325-0027

Mississippi State University, United States Department of Agriculture, Counties Cooperating

Mississippi State University does not discriminate on the basis of race, color, religion, national origin, sex, age, disability, or veteran status.

products started as soon as possible and continued well into 2006. The 2005 4th quarter prices decreased due to this damage. Despite these price decreases, 2005 saw a 15.6% increase in delivered value. In spite of these changes, Mississippi forest landowners are in a good position to supply domestic and international timber markets. The long-term outlook for Mississippi timber remains bright.

Table 3 shows harvested volumes of forest products for Mississippi counties divided into two regions. For current representative prices for Mississippi forest products, consult the Mississippi Timber Price Report available on-line at 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 2005 timber harvest by product.

Product	Unit	Volume	Value (\$)	
			Standing	Delivered
Pine Sawlogs	MBF,D	1,583,384	684,386,315	836,991,509
Hardwood Sawlogs	MBF,D	402,187	117,089,599	182,752,777
Pine Pulpwood	Cords	3,887,676	86,499,588	260,891,411
Hardwood	Cords	1,938,875	39,549,843	140,359,614
Pine Poles	MBF,D	26,008	14,955,706	25,436,108
Crossties	MBF,D	9,599	1,888,753	3,969,049
Stumpwood	Tons	728	3,640	45,864
Christmas Trees	Trees	80,000	**	3,000,000
Total Value			944,373,444	1,453,446,332

**Not reported since most trees are sold as choose-n-cut.

Table 2. Comparison of Mississippi's 2004 and 2005 harvest volumes and delivered values by product.

Product	Unit	2004		2005			
		Volume	Value	Volume	% Change	Value	% Change
Pine Sawlogs	MBF,D	1,446,524	764,431,567	1,583,384	9.5	836,991,509	9.5
Hardwood Sawlogs	MBF,D	463,153	173,675,218	402,187	-13.2	182,752,777	5.2
Pine Pulpwood	Cords	3,879,790	207,820,820	3,887,676	0.2	260,891,411	25.5
Hardwood Pulpwood	Cords	1,781,231	85,373,320	1,938,875	8.9	140,359,614	64.4
Poles	MBF,D	26,275	19,285,960	26,008	-1.0	25,436,108	31.9
Crossties	MBF,D	9,582	3,176,004	9,599	0.2	3,969,049	25.0
Stumpwood	Tons	2,264	142,632	728	-67.8	45,864	-67.8
Christmas Trees	Tree	95,000	3,657,000	80,000	-15.8	3,000,000	-18.0
Total Value			1,257,562,521			1,453,446,332	15.6

Table 3. Mississippi's 2005 harvested timber volumes by product and county.

COUNTY	PINE LUMBER MBM	HARDWOOD LUMBER MBM	PINE SAWLOGS MBF,D	HARDWOOD SAWLOGS MBF,D	PINE PULPWOOD CORDS	HARDWOOD PULPWOOD CORDS	PINE POLES C CU FT	STUMPWOOD TONS	TURPENTINE GUM BARRELS	CROSSTIES MBF,D	OTHER MBF/CORDS	PINE LOGS TONS	HARDWOOD LOGS TONS
NORTHERN REGION													
ALCORN		73.33	6,858.00	760.93	25,786.67	14,151.11	0.51						
ATTALA		281.33	35,988.00	2,578.93	130,426.67	40,509.64	8.24					44.00	
BENTON			2,403.00	509.33	6,790.00	9,803.33	0.13						
BOLIVAR			755.00	4,014.67	30.00	15,375.56							
CALHOUN		16.00	18,161.74	2,093.33	64,550.00	22,557.87	3.73					198.67	
CARROLL		2.67	6,541.93	2,440.00	56,925.23	24,179.29	2.16			86.67		18.67	
CHICKASAW			10,827.00	1,109.33	26,506.67	6,549.42	0.24						
CHOCTAW		196.00	26,059.00	2,172.00	67,723.33	41,802.22	14.02			1,230.67		85.33	
CLAY	1,093.33	354.67	14,118.00	3,005.33	13,103.33	16,020.00				5.33		86.67	56.00
COAHOMA			58.00	2,566.67	33.33	5,003.33							
DESOTO			862.00	2,632.00	4,833.33	423.33							
GRENADE			5,342.00	2,568.00	42,806.67	15,356.67	1.95						
HOLMES		286.67	11,455.35	8,681.33	58,916.67	34,803.33	1.30	72.00				118.67	
HUMPHREYS				28.00	10.00	4,274.44							
ISSAQUEENA			100.00	8,448.00	33.33	49,608.71							
ITAWAMBA	1,280.00		15,650.00	5,008.81	51,626.67	38,817.78	0.88					297.33	
KEMPER		297.33	77,383.00	4,020.00	59,483.33	67,917.78	26.34					374.67	
LAFAYETTE			10,034.00	2,005.33	36,196.67	7,015.56	0.38					8.00	
LEAKE		542.67	24,183.00	4,873.33	99,436.67	41,214.44	10.80					118.67	
LEE			9,838.00	1,093.33	9,896.67	10,808.89	0.13						
LEFLORE			22.00	554.67	33.33	1,748.89							
LOWNDES	10.67	7,530.00	728.00	2,580.00	26,035.56	0.40			682.67			360.00	
MADISON		176.00	13,629.00	2,594.67	35,553.33	21,886.67	3.18					76.00	
MARSHALL			6,308.00	1,916.00	14,710.00	9,031.11	0.32						
MONROE		204.00	19,244.00	4,469.33	9,633.33	58,450.00	2.31					518.67	
MONTGOMERY		1,073.33	12,849.00	1,853.33	55,656.67	30,304.45	4.39			1.33		30.67	152.00
NESHOBA		401.33	39,604.00	3,282.67	46,550.00	42,966.67	6.41			76.00		288.00	
NOXUBEE		292.00	37,950.00	3,556.00	16,426.67	34,404.44	4.47					344.00	
OKTIBBEHA		102.67	15,791.00	1,638.67	29,960.00	17,562.22	1.48			1,132.00		21.33	
PANOLA			4,126.00	3,188.00	24,413.33	29,338.89							
PONTOTOC		94.67	11,866.06	1,482.67	35,506.67	12,177.78	1.59			200.00		13.33	
PRENTISS		25.33	8,051.86	3,773.81	32,816.67	30,866.67	0.12			133.33			2.67
QUITMAN			5.00	698.67	6.67	500.00							
SHARKEY				3,130.67	53.33	10,702.22							
SUNFLOWER				541.33		1,081.11							
TALLAHATCHIE			484.00	3,468.00	15,893.33	4,217.78	0.05			1,422.67			
TATE			759.00	1,993.33	6,280.00	1,070.00							
TIPPAH		822.67	7,143.66	1,318.67	41,963.33	17,520.00	0.39			784.00			
TISHOMINGO	6.67		8,392.58	3,181.92	60,093.33	45,200.00	0.38			392.00		9.33	
TUNICA			256.00	10.00	8.89								
UNION		1.33	7,194.88	1,164.00	23,286.67	8,275.56	0.62			1.33			
WASHINGTON			148.00	3,673.33	290.00	19,045.56						6.67	
WEBSTER		20.00	11,838.03	822.67	46,036.67	18,588.89	4.74			2,934.67		4.00	
WINSTON		552.00	32,426.00	5,498.67	54,963.33	45,027.78	7.67					453.33	
YALOBUSHA			7,318.89	1,634.67	37,003.33	17,421.11	1.76			13.33		46.67	
YAZOO		22.67	890.87	7,341.33	7,473.33	28,745.56							
NORTHERN TOTAL	2,380.00	5,849.33	530,188.85	124,369.75	1,352,308.57	998,370.49	111.08	72.00	-	9,096.00	-	3,522.67	210.67

Table 3. Mississippi's 2005 harvested timber volumes by product and county (cont.).

COUNTY	PINE LUMBER MBM	HARDWOOD LUMBER MBM	PINE SAWLOGS MBF,D	HARDWOOD SAWLOGS MBF,D	PINE PULPWOOD CORDS	HARDWOOD PULPWOOD CORDS	PINE POLES C CU FT	STUMPWOOD TONS	TURPENTINE GUM BARRELS	CROSSTIES MBF,D	OTHER MBF/CORDS	PINE LOGS TONS	HARDWOOD LOGS TONS
SOUTHERN REGION													
ADAMS		13.33	5,416.01	20,014.39	9,257.30	23,008.71						41.33	
AMITE	20.00	1,112.00	49,871.66	7,496.07	129,958.90	60,499.02	31.27				25.33	1,341.33	
CLAIBORNE			4,994.00	17,083.71	16,970.87	38,935.07	0.01					25.33	
CLARKE	4.00	126.67	57,174.00	14,624.00	70,586.67	25,711.11	39.86					4,874.67	1,168.00
COPIAH		117.33	52,737.13	10,441.49	92,802.20	53,108.40	2.01					788.00	
COVINGTON		268.00	16,914.00	3,564.00	48,150.00	10,533.33	1.74					1,645.33	148.00
FORREST	1,729.33	285.33	36,601.00	2,088.00	81,136.67	6,413.33	15.44					2,744.00	14.67
FRANKLIN		85.33	21,491.29	5,154.63	58,307.20	39,702.09	8.34					550.67	
GEORGE	564.00	1.33	10,879.00	874.67	55,003.33	3,742.22	2.38					3,285.33	
GREENE	292.00	14.67	30,033.20	2,459.93	199,440.00	9,235.56	11.99	108.00				2,901.33	10.67
HANCOCK	206.67		13,361.00	364.00	29,716.67	1,223.51	0.09					618.67	
HARRISON			7,399.00	145.33	29,746.67	586.67	0.34					573.33	
HINDS		13.33	7,804.00	6,238.67	27,210.00	38,097.78	0.37					33.33	
JACKSON	237.33	4.00	3,815.00	42.67	9,656.67	257.78	2.02	548.00				445.33	
JASPER		1,026.67	53,544.71	9,989.51	54,693.33	26,271.11	23.63					6,986.67	566.67
JEFF DAVIS	13.33	154.67	16,834.00	2,914.67	66,610.00	11,355.56	3.38					1,964.00	42.67
JEFFERSON		9.33	35,652.01	8,218.59	36,769.07	40,249.20	3.37			84.00		386.67	
JONES	778.67	854.67	41,082.00	11,697.33	92,166.67	10,275.56	10.43			2.67		5,513.33	488.00
LAMAR	634.67	273.33	41,323.00	6,526.67	136,363.33	16,787.82	52.49					5,578.67	369.33
LAUDERDALE	2,536.00	137.33	40,023.00	5,308.00	59,166.67	62,297.78	35.90					1,236.00	29.33
LAWRENCE		281.33	37,351.00	5,145.33	67,706.67	27,048.89	4.20					776.00	
LINCOLN		6.67	37,396.14	5,805.39	75,095.47	30,771.60	3.82				21.33	776.00	
MARION	792.00	524.00	44,234.00	10,208.00	118,567.57	34,264.53	11.68				18.67	5,934.67	102.67
NEWTON		352.00	34,198.00	4,385.33	40,976.67	41,400.04	8.18			416.00		461.33	3,769.33
PEARL RIVER		157.33	49,862.00	1,276.29	137,486.67	16,241.07	3.89					2,609.33	
PERRY		34.67	27,045.00	1,956.00	122,403.33	7,200.00	17.07					7,081.33	
PIKE	2.67	41.33	24,086.00	6,544.41	58,524.67	22,103.69	3.51				58.67	918.67	
RANKIN		650.67	30,487.00	7,681.33	97,246.67	40,035.56	7.22					817.33	470.67
SCOTT		198.67	20,071.00	5,806.67	48,696.67	32,431.11	6.44					682.67	454.67
SIMPSON		166.67	30,431.00	4,437.33	64,903.33	28,111.11	5.32					1,268.00	422.67
SMITH		1,302.67	40,876.00	8,385.33	66,883.33	19,457.78	4.90					3,685.33	1,345.33
STONE	149.33		26,465.00	296.00	67,553.33	5,582.22	9.19					2,277.33	
WALTHALL		362.67	27,007.00	7,486.13	77,419.07	19,052.89	1.34				65.33	4,152.00	
WARREN			1,679.00	28,772.00	1,893.33	64,891.96						25.33	
WAYNE		49.33	47,654.99	21,052.00	91,826.67	9,328.89	16.41					4,258.67	74.67
WILKINSON		981.33	17,063.27	7,226.39	61,556.57	61,747.20	13.58					1,490.67	
SOUTHERN TOTAL	7960.00	9606.67	1042855.41	261710.25	2502452.20	937960.14	361.80	656.00	-	502.67	650.67	82056.00	6913.34
GRAND TOTAL	10340.00	15456.00	1573044.26	386080.00	3854760.77	1936330.63	472.88	728.00	0.00	9598.67	650.67	85578.67	7124.00