

2006 Harvest of Forest Products

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In 2006, Mississippi's forest industry (including private, nonindustrial landowners, independent harvesters, and forest industry) harvested and delivered \$1.21 billion worth of forest products to mills and other processors. The total value of Mississippi's 2006 timber harvest delivered to the first point of processing (such as a pulpwood yard or sawmill) was \$1,210,148,677. This harvest value is 16.7% lower than 2005. The year 2006 was the 14th straight year Mississippi's timber production value was over \$1 billion. Timber was the second most valuable agricultural commodity in 2006. Poultry and eggs were the most valuable at \$2 billion, timber was second at \$1.21 billion, and cotton third at \$529 million. Mississippi's forest landowners collected \$826 million for their standing timber in 2006. The estimated value of the logging and transportation sector was \$ 384,118,743.

Severance tax collections on timber were \$3,462,993, or 7.1% lower than 2005. Twenty percent of severance tax collections, or about \$692,599, were returned to counties where the timber was harvested. Eighty percent, or about \$2,770,394, 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.

In 2006, the value of Mississippi's timber harvest decreased 16.7%. Mississippi's timber economy continued its salvage and recovery efforts from Hurricane Katrina. Katrina interrupted lumber production and disrupted timber markets, particularly in south Mississippi. As a result, standing and delivered timber prices fell significantly across the state during 2006. Other factors that contributed to declining timber prices included rising imports and energy costs. Another major contributing factor was the declining residential housing market, which was the worst it had been in nearly 20 years. Table 1 shows the estimated value of the 2006 timber harvest.

The harvest volume of pine sawlogs decreased by 2.7% and value declined 12.3%. Pine pulpwood volume decreased by 13.2% while the value decreased 20.1%. The volume of pine poles slightly increased by 0.7% but their value decreased 6.4%. Hardwood sawlog volume decreased 13.2% while value declined 25.6%. Hardwood pulpwood harvest volume declined by

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9.9% and the value dropped by 26.8%. Crossties had a slight decline (1.6%) in volume harvested and an 8.3% decrease in value. Christmas tree harvests declined 31.3% while the value decreased by 38.1%. The reason for this decline is due primarily to the number of landowners who are retiring from the business. Table 2 shows a comparison between 2005 and 2006 harvest volumes and delivered values by product category.

Mississippi's forest economy is changing as companies continue to merge, realign, sell assets, and adapt to an increasingly global marketplace. The initial Hurricane Katrina salvage and recovery of forest products started as soon as possible and continued well into 2006. These salvage efforts, increasing imports, increasing energy costs, and the weakest housing market in nearly 20 years caused Mississippi's 2006 delivered value to decrease 16.7%. The housing market is expected to increase slightly throughout 2007. 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 2006 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 2006 timber harvest by product.

Product	Unit	Volume	Value (\$)	
			Standing	Delivered
Pine Sawlogs	MBF, D*	1,541,417	627,959,944	733,717,609
Hardwood Sawlogs	MBF, D*	348,959	95,279,619	135,971,374
Pine Pulpwood	Cords	3,353,527	59,143,540	208,374,796
Hardwood	Cords	1,746,680	27,191,573	102,738,223
Pine Poles	MBF, D*	26,199	14,362,612	23,802,468
Crossties	MBF, D*	9,441	2,088,746	3,638,817
Stumpwood	Tons	780	3,900	49,140
Christmas Trees	Trees	55,000	**	1,856,250
Total Value			826,029,934	1,210,148,677

* D = Doyle Log Rule

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

Table 2. Comparison of Mississippi's 2005 and 2006 harvest volumes and delivered values by product.

Product	Unit	2005		2006		% Change	% Change
		Volume	Value	Volume	Value		
Pine Sawlogs	MBF, D*	1,583,384	836,991,509	1,541,417	733,717,609	-2.7	-12.3
Hardwood Sawlogs	MBF, D*	402,187	182,752,777	348,959	135,971,374	-13.2	-25.6
Pine Pulpwood	Cords	3,887,676	260,891,411	3,353,527	208,374,796	-13.7	-20.1
Hardwood Pulpwood	Cords	1,938,875	140,359,614	1,746,680	102,738,223	-9.9	-26.8
Poles	MBF, D*	26,008	25,436,108	26,199	23,802,468	0.7	-6.4
Crossties	MBF, D*	9,599	3,969,049	9,441	3,638,817	-1.6	-8.3
Stumpwood	Tons	728	45,864	780	49,140	7.1	7.1
Christmas Trees	Tree	80,000	3,000,000	55,000	1,856,250	-31.3	-38.1
Total Value			1,453,446,332		1,210,148,677		-16.7

* D = Doyle Log Rule

Table 3. Mississippi's 2006 harvested timber volumes by product and county.

COUNTY	PINE	HARDWOOD	PINE	HARDWOOD	PINE	HARDWOOD	PINE	TURPENTINE			OTHER	PINE	HARDWOOD
	LUMBER	LUMBER	SAWLOGS	SAWLOGS	PULPWOOD	PULPWOOD	POLES	STUMPWOOD	GUM	CROSSTIES		MBF/CORDS	LOGS
	MBM	MBM	MBF,D	MBF,D	CORDS	CORDS	C CU FT	TONS	BARRELS	MBF,D		TONS	TONS
	1	2	3	4	5	6	7	8	9	10	11	12	13
NORTHERN REGION													
ALCORN		34.667	6,216.000	1,210.733	25,723.333	13,391.111	0.939					4.000	45.333
ATTALA		169.333	32,126.000	3,161.333	96,120.000	25,190.000	7.281					179.933	
BENTON		2.667	3,743.000	986.667	13,266.667	13,277.778	1.394						
BOLIVAR			77.000	3,212.000	46.667	8,472.222							
CALHOUN			16,080.000	853.333	77,536.667	10,671.423	2.275					16.000	
CARROLL			7,731.330	2,144.000	51,954.600	22,260.489	0.408			104.000		64.000	
CHICKASAW		5.333	8,171.000	514.667	13,463.333	5,732.222							
CHOCTAW		126.667	18,695.000	1,193.333	92,641.967	34,311.556	13.256			2,030.667		149.333	
CLAY	328.000		7,624.000	1,876.000	11,886.667	8,432.222	0.081					18.667	
COAHOMA			9.000	1,593.333	186.667	5,205.555		128.000					
DESOTO			1,059.000	2,061.333	7,176.667	1,403.333							
GRENADA			2,987.000	1,954.667	33,693.333	9,861.111	0.361	64.000					
HOLMES	172.000		4,650.000	3,448.000	24,183.333	20,500.000	0.322			13.333			
HUMPHREYS				416.000	23.333	2,468.889							
ISSAQUEENA	305.333		30.000	10,125.333	40.000	25,414.444							
ITAWAMBA			10,621.000	7,325.707	45,976.667	40,702.222	0.144					5.333	210.667
KEMPER		344.000	71,666.000	3,908.000	55,830.000	71,000.000	30.644					1,025.333	
LAFAYETTE			9,510.000	748.000	28,813.333	6,501.111	1.378					142.667	
LEAKE		305.333	22,415.000	6,232.000	50,020.000	23,267.777	9.292					30.667	
LEE		2.667	7,416.850	1,796.000	6,233.333	12,148.889	0.800						
LEFLORE			9.000	1,172.000	16.667	4,856.666		64.000					
LOWNDES			9,237.000	914.667	10,113.333	26,826.978				872.000		289.333	
MADISON		74.667	11,780.000	3,256.000	31,026.667	17,976.667	4.933					1,338.667	
MARSHALL			5,460.000	2,916.000	9,253.333	10,168.889	0.361						
MONROE		128.000	20,782.000	2,705.333	16,473.333	40,602.223	0.425					284.000	
MONTGOMERY		5.333	6,413.000	1,405.333	29,156.667	13,574.445	3.117					48.000	
NESHOBA		164.000	20,789.000	3,105.333	73,660.000	27,913.333	5.403			25.333		276.000	
NOXUBEE		220.000	32,931.000	2,384.000	56,820.000	28,762.223	8.219					449.333	
OKTIBBEHA		104.000	8,788.000	1,089.333	27,535.333	15,308.889	4.069			1,402.667		129.333	
PANOLA			2,183.000	4,354.667	49,533.333	8,517.778	0.156	88.000				48.000	
PONTOTOC		26.667	9,368.420	1,307.893	6,013.333	8,791.111	0.089			220.000			
PRENTISS	16.000	44.000	9,823.000	2,519.613	34,430.000	30,728.889	0.547			176.000			60.000
QUITMAN				110.667		222.222							
SHARKEY			13.000	1,286.667	10.000	2,657.778							
SUNFLOWER			5.000	714.667		2,013.333							
TALLAHATCHIE	162.667		860.000	1,633.333	12,986.667	4,946.667		380.000		1,557.333			
TATE			770.000	844.000	3,100.000	2,293.333							
TIPPAH		430.667	4,747.000	729.333	34,603.333	17,706.667	0.361			666.667		4.000	10.667
TISHOMINGO			16,253.630	2,917.107	56,236.667	47,275.556	0.139			342.667		364.000	4.000
TUNICA				240.253		662.222							
UNION		4.000	10,909.680	1,855.107	10,050.000	17,577.778	0.381			30.667			
WASHINGTON			489.000	1,521.333	740.000	8,401.111	0.061					4.000	
WEBSTER		2.667	22,056.000	281.333	57,286.667	11,695.555	7.078			1,466.667		57.333	
WINSTON		214.667	35,542.840	4,264.000	58,516.800	42,446.666	6.650					362.667	
YALOBUSHA			6,939.180	700.000	45,080.000	15,367.778	1.925			8.000		32.000	
YAZOO	9.333	110.667	590.030	6,648.000	8,573.333	10,197.778							
NORTHERN TOTAL	993.333	2,520.002	467,565.960	105,636.411	1,266,032.033	777,704.889	112.489	724.000	-	8,916.001	-	5,322.599	330.667

Table 3. Mississippi's 2006 harvested timber volumes by product and county (continued).

COUNTY	PINE	HARDWOOD	PINE	HARDWOOD	PINE		PINE		TURPENTINE		PINE	HARDWOOD	
	LUMBER	LUMBER	SAWLOGS	SAWLOGS	PULPWOOD		POLES	STUMPWOOD	GUM	CROSSTIES	OTHER	PINE	HARDWOOD
	MBM	MBM	MBF,D	MBF,D	CORDS		C CU FT	TONS	BARRELS	MBF,D	MBF/CORDS	TONS	TONS
SOUTHERN REGION													
ADAMS	186.667	93.333	1,535.000	9,817.333	2,606.667	21,253.333	0.400					60.000	
AMITE		706.667	49,862.000	4,110.787	92,300.000	49,493.333	32.875					3,758.667	
CLAIBORNE			4,730.000	9,640.000	14,103.333	21,666.667				21.333		229.333	
CLARKE	16.000	109.333	44,631.000	9,430.667	56,056.667	40,671.111	61.436					4,393.333	
COPIAH		54.667	45,237.000	6,637.333	70,310.000	34,840.000	4.558					1,890.667	
COVINGTON	77.333	586.667	15,569.000	6,029.333	43,560.000	18,342.222	2.422					2,332.000	44.000
FORREST		221.333	72,032.000	2,562.667	77,853.333	13,835.556	10.486				49.333	8,281.333	
FRANKLIN		130.667	25,937.000	4,177.333	45,673.333	31,057.778	6.744					1,804.000	
GEORGE	110.667		8,259.000	1,212.000	30,690.000	4,604.444	3.028					933.333	
GREENE		18.667	16,090.000	2,234.667	144,116.667	10,563.333	5.906					6,158.667	
HANCOCK		17.333	37,172.000	53.333	47,840.000	12,404.444	0.258					2,360.000	
HARRISON			33,841.000	121.333	20,400.000	2,804.444	3.344					677.333	
HINDS		89.333	9,731.000	5,960.000	21,033.333	38,140.000	1.033					212.000	
JACKSON			3,877.000	237.333	15,450.000	1,240.000	0.142	16.000				624.000	
JASPER		565.333	38,748.000	17,412.000	59,300.000	49,715.556	17.325			328.000		9,065.333	2,424.000
JEFF DAVIS		109.333	29,682.000	2,213.333	34,203.333	13,573.333	0.881					2,045.333	2.667
JEFFERSON		5.333	13,044.000	4,252.000	22,763.333	22,631.111	1.339					1,361.333	
JONES	18.667	465.333	39,054.000	14,694.667	101,073.333	31,008.889	4.067			33.333		4,686.667	604.000
LAMAR	936.000	382.667	25,261.000	2,038.667	112,513.333	26,600.000	48.567	40.000				6,644.000	
LAUDERDALE		221.333	37,879.000	6,230.667	48,990.000	71,608.889	51.700					2,806.667	
LAWRENCE		161.333	28,858.000	5,041.333	33,753.333	19,946.667	3.639					1,533.333	
LINCOLN		17.333	34,420.000	4,516.453	62,546.667	25,297.778	5.181					1,245.333	
MARION	672.000	233.333	32,108.000	12,986.107	66,556.667	48,704.445	3.017					2,274.667	284.000
NEWTON	61.333	308.000	31,077.000	6,302.667	37,280.000	48,840.000	18.586			124.000	442.667	2,057.333	5.333
PEARL RIVER	13.333	8.000	64,009.000	6,980.000	135,043.333	25,840.000	0.744					5,956.000	205.333
PERRY		37.333	75,452.000	2,717.187	126,913.333	19,804.444	12.386					9,361.333	
PIKE	350.667	402.667	24,340.450	6,546.227	36,296.667	19,000.000	2.428					573.333	5.333
RANKIN		514.667	31,294.000	5,560.000	85,890.000	30,124.444	2.383			18.667		909.333	30.667
SCOTT		32.000	18,510.000	4,554.667	52,006.667	22,201.111	4.444					940.000	244.000
SIMPSON		124.000	29,904.000	2,502.667	21,996.667	17,253.333	3.869					969.333	205.333
SMITH		634.667	23,793.140	4,998.667	37,033.333	9,333.333	2.247					1,856.000	274.667
STONE			33,485.000	122.667	98,596.667	7,800.000	12.744					3,509.333	
WALTHALL	62.667	554.667	27,177.040	10,802.773	63,403.330	48,928.578	0.372					1,342.667	6.667
WARREN	130.667	20.000	852.000	27,698.667	810.000	31,603.334						25.333	
WAYNE		30.667	38,783.000	14,741.333	83,840.000	30,927.778	10.950					5,781.333	
WILKINSON		1,325.787	23,988.170	6,992.000	42,862.233	45,648.889	24.369					4,776.000	
SOUTHERN TOTAL	2,636.001	8,181.786	1,070,221.800	232,128.868	2,045,665.562	967,308.577	363.870	56.000	-	525.333	492.000	103,434.663	4,336.000
GRAND TOTAL	3,629.334	10,701.788	1,537,787.760	337,765.279	3,311,697.595	1,745,013.466	476.359	780.000	-	9,441.334	492.000	108,757.262	4,666.667