



Forest Resources

Market Notes • Technical Notes • Research Notes • Newsletters

1988 HARVEST OF FOREST PRODUCTS

May, 1989

Mississippi's forest industry (including private landowners, independent harvesters and company harvesting crews) harvested and delivered more than \$611 million worth of forest products to mills and processors in 1988. The total value of Mississippi's 1988 timber harvest delivered to the first point of processing (such as pulpwood yard or sawmill) was \$611,423,609. This harvest value is up 2% from 1987. Forest products were again the second most valuable agricultural crop exceeded only by cotton. Landowners received over \$340 million for their standing timber and specialty products as their share of the harvest.

Severance tax collections were slightly lower than in 1987. Total timber severance tax collections for 1988 were \$3,494,083.39. Twenty percent of the severance tax collections were returned to the counties where the timber was harvested. Eighty percent went to the Forest Resources Development Program (FRDP) to provide cost-share assistance to private forest landowners for reforestation, and other forest management practices on private forestland.

The value of Mississippi's 1988 timber harvest is another record high, topping the record set in 1987. Pine sawlogs and plywood logs were in increased demand in 1988 with the harvest volume of each increasing 6.5%. The value of these products increased 9.2% and 23.7% respectively compared to 1987. In general, hardwood volumes decreased from record levels in 1987 but demand remained strong for hardwood logs. Hardwood sawlogs and veneer logs saw declines in 1988 (17.9% and 56%, respectively) but when these are compared to the increases registered in 1987 (33% and 190%, respectively) hardwood log demands are still strong. Crosstie volume and value increased 14.5% and 21.5%, respectively. Pine and hardwood pulpwood harvest volumes were slightly lower in 1988 than in 1987. Pine pulpwood harvest volume dropped by 4.7% while hardwood pulpwood volume only slipped 1.7%. It's noteworthy that the harvests of stumpwood (used to make pine chemical products) and turpentine gum (used to produce turpentine) were reduced to nearly zero as they declined 98.4% and 91.7% respectively.

Prices for some of Mississippi's forest products increased in 1988 which contributed to the record harvest value. North Mississippi saw increases in both pine and hardwood average sawlog stumpage prices. The pine sawtimber average stumpage price rose 10% while the hardwood sawlog stumpage price average rose 21.3%. Average pine sawlog stumpage prices also were higher in Central and South Mississippi in 1988 compared to 1987 increasing 3.4% and 7.4% respectively.

The pine market was brisk in 1988. Pine lumber sold steadily throughout the year, though prices were moderate and began to slip in the last quarter. Export demand for southern pine was particularly important in 1988 with the housing, repair/remodeling and treated lumber markets contributing to pine demand. Demand for hardwood products such as furniture, flooring, moldings and others remained steady in 1988 but oversupply of lumber in the summer months due to favorable harvesting conditions caused the market to slow until early fall rains restricted log supplies. Average hardwood sawlog prices in Mississippi either remained the same or increased compared to 1987.

Pulp and paper production remained steady in 1988 though the pulpwood harvest declined slightly. Pulpwood prices across the state remained essentially unchanged except for an 11.1% increase in average hardwood pulpwood stumpage prices in south Mississippi.

The estimated value of the 1988 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,



Bob Daniels
Wood Utilization Forester

ESTIMATED VALUE OF THE 1988 TIMBER HARVEST

Product	Unit	Price/Unit ¹		Volume	Value	
		Standing	Delivered		Standing	Delivered
		-----Dollars-----		-----Dollars-----		
Sawlogs-Pine	MBF,D	2		921,641	153,460,572	209,068,655
-Hardwood	MBF,D	2		379,982	42,584,105	73,838,637
Pulpwood-Pine	Cords	3		3,431,213	35,251,447	117,392,583
-Hardwood	Cords	3		2,531,729	14,225,463	72,526,653
Poles-Pine	MBF,D	277 ⁴	357 ⁵	24,219	6,708,663	8,646,183
Plywood Logs-Pine	MBF,D	189 ⁴	274 ⁴	409,093	77,318,577	112,091,482
Hardwood Veneer Logs	MBF,D	347 ⁵	463 ⁵	19,999	6,939,653	9,259,537
Crossties-Hardwood	MBF,D	69	-	15,930	1,099,170	-
Tie ⁶		-	7.25 ⁴	356,935	-	2,587,779
Stumpwood	Ton	5 ⁵	60 ⁵	65	325	3,900
Turpentine Gum	Barrel	-	100 ⁵	82	-	8,200
Christmas Trees ⁷	Tree	10.50	20	300,000	3,150,000	6,000,000
TOTAL VALUE					340,737,975	611,423,609

¹Product prices taken from MCES Timber Price Report, except where otherwise noted.

²SAWLOG PRICES BY REGION, \$/MBF, DOYLE

Region ^a	Standing		Delivered ^b	
	Pine	Hardwood ^b	Pine	Hardwood ^b
North	141	99.50	213.50	175.25
Central	164	100.25	227.50	190.25
South	181.50	98.50	233	190.75
Delta/Riv	181.50 ^c	137	233 ^c	212.25

³PULPWOOD PRICES BY REGION, \$/CORD

Region ^a	Standing		Delivered	
	Pine	Hardwood	Pine	Hardwood
North	9	3.75	35	29.75
Central	9	4.50	32.50	29.25
South	12	7.50	34.75	26.50
Delta/Riv	9.25	6.00	37.25	30

^aRegions are those defined in the MCES Timber Price Report.

^bHardwood 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 70% oak and 30% other species in 1988. Therefore, the hardwood sawlog average price for each region was calculated using the following formula:

$$\begin{aligned} \text{Regional hardwood sawlog price} &= .7 (\text{average regional oak price}) \\ &+ .3 (\text{average regional mixed hardwood price}). \end{aligned}$$

^cSouthern region pine prices used since data not available for Delta/River and most of this region's pine volume from southwest counties.

⁴Prices from Timber Mart South.

⁵Price estimates obtained by consultation with industry contacts.

⁶Calculated as 44.63 board feet per 7"x9"x8.5' tie.

⁷Estimate in cooperation with LA-MS Christmas Tree Association.

1988 FOREST PRODUCTS VOLUME BY COUNTY WITHIN REGION

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					
NORTH											
Alcorn	598.34	490.78	2266.57	1230.69	21104.36	19654.08	-	-	-	648.09	-
Benton	93.88	277.77	4645.9	1262.48	21261.2	4838.35	-	-	-	529.24	-
Calhoun	-	721.26	20738.54	5067.94	48439.03	15564.35	-	-	-	1053.22	-
Carroll	1923.10	1701.42	5494.10	3498.97	45725.33	20756.08	-	-	-	-	-
Chickasaw	-	692.30	10103.52	1177.24	27466.70	6190.97	-	-	-	488.45	-
Clay	1.08	1550.32	6421.40	6216.48	14305.73	8969.24	81.96	-	-	22.18	-
DeSoto	-	-	2.8	1437.28	39.66	-	-	-	-	-	-
Grenada	-	179.82	3868.91	3644.72	30362.46	27139.15	-	-	-	29.81	-
Itawamba	5014.66	2049.76	7407.05	4568.30	57012.63	31979.77	-	-	-	-	-
Lafayette	30.26	305.96	19477.99	3282.85	69713.10	12651.2	-	-	-	120.	-
Lee	1466.21	143.73	2828.57	721.52	17802.93	16647.06	-	-	-	64.29	-
Marshall	48.92	51.60	3977.24	457.77	42879.66	7059.68	-	-	-	8.14	-
Monroe	750.68	490.01	13769.06	3486.16	31482.66	45852.62	-	-	-	1116.69	-
Montgomery	1260.29	4911.48	7751.59	2615.01	35206.56	36808.31	-	-	-	225.92	-
Panola	233.97	1304.13	1081.08	2352.94	17928.50	7446.75	1.54	-	-	496.96	-
Pontotoc	502.94	236.16	10596.15	3661.64	23670.40	16226.26	-	-	-	128.84	-
Prentiss	3363.69	676.72	2420.75	751.0	35706.96	16295.20	-	-	-	4496.05	88.36
Tate	-	286.97	527.01	299.81	677.16	8.97	-	-	-	-	-
Tippah	181.61	5810.80	12920.0	1662.85	48455.56	21764.53	-	-	-	1267.37	-
Tishomingo	2509.78	4904.45	4355.46	875.2	93923.86	31900.17	-	-	66.0	46.30	-
Union	1223.49	1208.01	12455.54	3026.29	25036.4	4664.04	-	-	-	13.62	-
Webster	-	319.85	9293.33	2011.13	21733.66	10722.53	21.67	-	-	189.77	-
Yalobusha	-	339.41	14974.88	2977.10	50978.7	19508.44	-	-	-	54.9	169.44
CENTRAL											
Attala	-	300.2	21050.22	9997.05	63758.96	41901.37	3.9	-	-	46.06	-
Choctaw	-	-	22453.77	4201.54	48219.0	20518.66	79.13	-	-	4.96	-
Clarke	71.48	166.66	28051.99	5521.96	63462.73	56917.51	81.48	64.84	7.2	3.08	-
Hinds	40.93	8.68	11670.80	4089.02	26805.76	29582.40	-	-	-	-	-
Holmes	12.74	669.68	7022.92	10578.82	45668.46	81310.4	-	-	-	18.72	-
Jasper	123.41	1542.17	30217.6	8359.25	54488.0	41619.2	392.85	-	-	-	-
Kemper	511.44	234.08	48440.47	4375.62	58592.03	89955.68	146.14	-	-	-	-
Lauderdale	1336.88	3287.36	38358.53	1444.42	95615.13	89916.62	864.82	-	-	19.98	-
Leake	-	11.85	28597.33	4406.05	50285.93	32857.33	28.66	-	-	-	-
Lowndes	85.66	75.41	3218.5	1920.49	9096.93	30096.62	-	-	-	-	-
Madison	-	209.77	10068.76	8466.29	24504.23	20802.35	-	-	-	-	-
Neshoba	231.09	310.50	53676.28	6649.94	38876.30	41311.37	134.43	-	-	567.28	-
Newton	57.22	1143.14	31790.61	2828.70	68148.23	61174.84	657.29	-	-	81.09	-
Noxubee	-	290.6	25354.25	2713.13	18132.2	28238.08	3816.94	-	-	-	-
Oktibbeha	99.02	43.98	16452.14	2100.57	19282.16	25720.13	478.26	-	-	2913.52	-
Rankin	22.2	359.84	29539.7	5642.16	92556.16	53248.84	430.96	-	-	-	-
Scott	237.08	422.44	44702.09	6859.76	131316.23	35561.28	583.80	-	-	-	-
Simpson	8.62	1042.54	30127.80	2440.41	50217.53	38428.88	408.78	-	-	-	-
Smith	34.17	365.65	28504.9	4168.66	73416.43	54015.46	643.66	-	8.66	15.28	-
Winston	59.28	-	26932.56	6304.50	30826.93	19850.57	2035.36	-	-	554.72	-

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	Pine (MBF)	Hardwood	Pine (MBF)	Hardwood	Pine (Cords)	Hardwood					
SOUTH											
Amite	-	225.04	46046.06	926.96	91525.56	33889.37	314.76	-	-	-	7.8
Copiah	448.22	369.36	51414.08	9081.96	88514.96	108312.62	757.95	-	-	-	-
Covington	76.09	861.96	13459.99	1468.93	48430.4	56115.91	16.28	-	-	-	-
Forrest	26.05	81.30	24334.59	1582.57	96354.46	42301.68	8172.48	-	-	72.38	-
Franklin	68.84	1352.49	55266.89	5219.09	66498.6	58061.91	400.68	-	-	-	-
George	240.56	51.72	8357.3	349.38	26788.16	20129.68	920.9	-	-	17.53	-
Greene	5.69	242.0	29590.04	1044.56	103520.43	69509.6	869.25	-	-	63.6	-
Hancock	44.45	-	8771.8	40.76	44223.5	11075.68	3615.92	-	-	-	-
Harrison	8.86	-	9545.43	-	32831.13	1950.26	2645.83	-	-	-	-
Jackson	289.14	-	8693.78	534.76	43578.53	23895.68	3217.90	-	-	-	-
Jeff Davis	21.10	349.65	11111.64	462.12	40810.5	15680.8	123.22	-	-	-	-
Jones	167.49	285.48	30246.13	4106.38	83737.96	70223.64	3058.11	-	-	29.4	-
Lamar	3.49	62.4	10776.52	237.77	68947.96	8435.73	4476.90	-	-	9.41	-
Lawrence	209.02	79.4	17988.37	4697.64	84369.26	30838.88	1521.89	-	-	-	-
Lincoln	3.37	545.08	41584.89	2443.2	77079.66	52001.91	1622.64	-	-	-	-
Marion	207.5	1172.86	20411.86	6417.77	63274.46	36560.8	1438.48	-	-	-	-
Pearl River	-	-	14936.46	64.18	99055.3	19042.75	2449.72	-	-	-	-
Perry	645.33	110.02	21681.15	894.70	64972.43	25079.37	10188.26	-	-	-	-
Pike	55.21	452.69	20500.64	4396.96	79147.43	24510.97	881.91	-	-	-	-
Stone	7.82	-	12256.73	444.37	34397.4	12883.02	8857.02	-	-	107.65	-
Walthall	-	3202.16	14864.82	4036.93	33789.1	10936.93	989.93	-	-	-	-
Wayne	1272.0	3.45	30974.38	3385.58	73160.53	92288.75	2626.89	-	-	7.58	-
DELTA AND RIVER											
Adams	123.38	1078.7	11647.03	8169.84	7929.2	39779.2	-	-	-	-	-
Bolivar	-	86.42	610.	7291.97	-	8228.35	-	-	-	-	-
Calhoun	-	722.6	8754.97	16332.10	16687.83	37042.57	20.48	-	-	-	-
Chickasaw	-	-	45.64	6692.68	157.23	5132.04	-	-	-	-	-
Humphreys	-	-	2.49	130.57	32.0	47.02	-	-	-	-	-
Issaquena	-	-	3.82	3238.04	617.73	33133.06	-	-	-	-	-
Jefferson	116.73	1520.48	22617.33	6972.85	45420.56	92897.33	69.38	-	-	-	-
Leflore	-	530.10	138.24	857.37	657.5	1994.4	-	-	-	83.02	-
Quitman	-	873.78	172.29	256.44	4535.0	759.24	-	-	-	-	-
Sharkey	-	-	200.76	1446.46	128.86	5039.51	-	-	-	-	-
Sunflower	6.9	-	-	34.49	157.03	1300.08	-	-	-	49.10	-
Tallahatchie	-	-	444.3	2033.17	6740.8	3908.4	-	-	-	-	-
Tunica	-	-	1.8	2282.69	19.63	1745.37	-	-	-	-	-
Warren	-	1815.21	3001.62	26249.74	2123.66	48696.75	-	-	-	-	-
Washington	-	31.29	518.63	6129.21	2.06	19142.97	6.5	-	-	-	-
Wilkinson	295.68	1251.13	38213.29	20901.52	47873.56	79240.53	61.12	-	-	-	-
Yazoo	-	460.22	1463.02	22798.12	8939.4	54239.95	86.54	-	-	-	-