

The Mississippi forest industry harvested and delivered over \$1.12 billion worth of forest products to mills and other processors in 2021. The forest industry in Mississippi and the harvest volumes in this report include all producers and harvesters of forest products paying a timber severance tax collected by the Mississippi Department of Revenue. The total estimated value of the 2021 Mississippi timber harvest delivered to the point of first processing (such as a pulpwood yard or sawmill) was \$1,127,561,768. The estimated volume and value by product are presented in Table 1. The 2021 harvest value is 7.4% lower than the 2020 value of \$1.22 billion. A comparison of 2020 and 2021 Mississippi timber product prices is presented in Table 3.

Mississippi's forest landowners collected over \$537 million for their standing timber in 2021, a decrease of 2.6% from 2020, reflecting the overall decrease in volumes harvested for all products. The estimated value of the harvesting and transportation sector², which is the difference between the delivered and standing values, was \$590 million. The 2021 value of the harvesting and transportation sector accounted for 52% of the total harvest value as compared to 55% of the total harvest in 2020.

Severance tax collections on forest products were \$3,693,084 in 2021. Twenty percent of severance tax collections, or \$738,617, is returned to counties where the timber was harvested. Eighty percent, or about \$2,954,467, is allocated to the Forest Resource Development Program (FRDP) to provide cost share funds to nonindustrial private forest landowners for reforestation and other forest management activities.

A comparison between 2021 and 2020 harvest volumes and delivered values by product category is presented in Table 2. The harvest volume of pine sawtimber decreased 5.1% and value decreased 4.7%. The volume of hardwood sawtimber decreased dramatically by 19.2% with the value decreasing 21.9%. Pine pulpwood volume decreased 9.7% and value decreased 7.4% while hardwood pulpwood volume decreased 6.9% with an associated value decrease of 7.7%. Pine pole harvest remained steady in volume but decreased over 6% in value. Crosstie volume saw a decrease of 23.5% and value dropped by 29.6%. The volume of pine in-woods chips decreased 21% over 2020 volumes with an associated decrease in value of 40%. Hardwood chips decreased by 23.2% of volume and value dropped almost 40%.

Housing starts finished 2021 at 1.702 million units. Higher home prices helped slow down the housing market. Lumber prices declined through mid-August 2021 but rose the last quarter. Overall, Mississippi

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² This sector includes logging firms, contractual services, contractual trucking, timber buyers, and wood dealers.

had above average rainfall for the 1st three quarters of 2021, especially parts of the second and third quarters. This above average rainfall contributed to the overall decrease in volumes harvested.

Harvested volumes by product and by county obtained from the Mississippi Department of Revenue are presented in Table 4. For information on current Mississippi timber prices, consult the Mississippi Timber Price Report available at extension.msstate.edu. Select “Natural Resources” then “Forestry” then “Forest Economics” and then “Timber Prices”. For more information on timber marketing, harvesting, or prices, contact your local County Extension office or the Mississippi State University Department of Forestry, Box 9681, Mississippi State, MS 39762.

Table 1. Estimated volumes and values of the 2021 timber harvest.

Product/Ton	Volume	Standing Value³ Dollars	Delivered Value Dollars
Pine Sawlogs	15,094,017.5	\$371,968,644	\$651,749,183
Hardwood Sawlogs⁴	2,042,385.0	\$83,175,722	\$124,594,838
Pine Pulpwood	10,822,250.4	\$53,364,977	\$275,034,283
Hardwood Pulpwood	1,771,099.6	\$18,530,385	\$57,050,361
Poles	228,597.8	\$8,198,767	\$13,009,080
Crossties⁵	12,897.5	\$489,944	\$725,001
Pine Chips	64,023.0	\$346,661	\$1,624,185
Hardwood Chips⁶	123,186.0	\$1,209,466	\$3,774,838
Total Value		\$537,284,566	\$1,127,561,768

³ Standing and delivered values calculated using regional (north and south Mississippi) volumes reported by the Miscellaneous Tax Division of the Mississippi Department of Revenue and product prices from sources such as MSUE ES Timber Price Report and Timber Mart-South.

⁴ Composite price for hardwood sawlogs calculated under the assumption that hardwood sawmills cut 70% oak and 30% mixed hardwood.

⁵ Crosstie values calculated using standing and delivered values for mixed hardwood sawtimber prices by region.

⁶ Pine and Hardwood Chips standing and delivered values are assumed to be the same as pine and hardwood pulpwood.

Table 2. Comparison of 2020 and 2021 harvest volumes and delivered values by product.

Product	2020		2021			
	Tons	Value (\$)	Tons	% Change	Value (\$)	% Change
Pine Sawlogs	15,908,451	683,922,017	15,094,017.5	-5.1%	651,749,183	-4.7%
Hardwood Sawlogs	2,527,860	159,610,324	2,042,385.0	-19.2%	124,594,838	-21.9%
Pine Pulpwood	11,982,378	297,069,390	10,822,250.4	-9.7%	275,034,283	-7.4%
Hardwood Pulpwood	1,902,638	52,957,427	1,771,099.6	-6.9%	57,050,361	7.7%
Poles	229,245	13,880,040	228,597.8	-0.3%	13,009,080	-6.3%
Crossties	16,853	1,029,561	12,897.5	-23.5%	725,001	-29.6%
Pine Chips	81,010	2,715,050	64,023.0	-21.0%	1,624,185	-40.2%
Hardwood Chips	160,474	6,207,134	123,186.0	-23.2%	3,774,838	-39.2%
Total Value		1,217,390,944			1,127,561,768	-7.4%

Table 3. Comparison of 2020 and 2021 Mississippi major product prices⁷.

		Standing Prices per Ton				Delivered Prices per Ton			
			Statewide Average				Statewide Average		
Product	Region	2021 Average	2021	2020	% Change	2021 Average	2021	2020	% Change
Pine Pulpwood	North	\$3.47	\$4.57	\$4.59	-0.4%	\$25.55	\$25.45	\$24.78	2.7%
	South	\$5.67				\$25.35			
Hardwood Pulpwood	North	\$11.20	\$10.42	\$8.84	17.8%	\$34.01	\$32.11	\$28.00	14.7%
	South	\$9.64				\$30.20			
Pine Sawtimber	North	\$23.56	\$24.51	\$22.32	9.8%	\$42.98	\$43.15	\$42.99	0.4%
	South	\$25.45				\$43.33			
Mixed Hardwood Sawtimber	North	\$37.99	\$34.77	\$36.67	-5.2%	\$56.21	\$54.60	\$59.61	-8.4%
	South	\$31.55				\$52.99			
Oak Sawtimber	North	\$46.88	\$43.80	\$45.39	-3.5%	\$67.49	\$64.21	\$64.73	-0.8%
	South	\$40.72				\$60.94			
Pine Poles	North	\$40.27	\$37.16	\$38.95	-4.6%	\$60.33	\$57.91	\$61.29	-5.5%
	South	\$34.05				\$55.50			

⁷ Data source: Timber Mart South

Table 4. Mississippi's 2021 tons of harvested timber by product and county.

	PINE	HARDWOOD	PINE	HARDWOOD	PINE		PINE	HARDWOOD
COUNTY	SAWTIMBER	SAWTIMBER	PULPWOOD	PULPWOOD	POLES	CROSSTIES	CHIPS	CHIPS
NORTHERN REGION	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
ALCORN	39,493	5,373	97,136	24,827	0	0	0	3,252
ATTALA	489,925	27,447	324,350	30,523	8,641	0	24	0
BENTON	14,254	3,437	14,750	12,772	0	0	0	84
BOLIVAR	0	17,132	0	1,212	0	0	0	0
CALHOUN	326,070	7,779	166,447	35,197	3,678	0	0	0
CARROLL	173,044	56,604	131,136	11,600	884	0	0	0
CHICKASAW	246,258	1,043	43,480	14,462	3,605	0	0	0
CHOCTAW	320,522	20,610	136,939	21,820	4,492	0	0	0
CLAY	128,973	33,389	13,426	10,594	1,823	0	0	0
COAHOMA	0	11,796	0	4,544	0	0	0	0
DESOTO	16,449	163	5,629	7,018	0	0	0	519
GRENADA	125,448	42,406	74,963	11,980	17	0	0	0
HOLMES	147,534	43,142	91,190	21,399	2,580	0	0	0
HUMPHREYS	0	0	0	510	0	0	0	0
ISSAQUENA	46	29,939	57	16,397	0	0	0	0
ITAWAMBA	235,294	15,811	124,371	94,502	35	0	0	0
KEMPER	615,779	98,281	273,889	17,014	9,418	0	0	25
LAFAYETTE	197,378	11,258	77,072	28,780	445	0	0	0
LEAKE	483,410	30,567	231,839	43,633	3,923	0	634	264
LEE	36,118	4,164	38,477	12,406	1,355	0	25	0
LEFLORE	16	54	0	0	0	0	0	517
LOWNDES	42,112	8,627	15,600	12,908	696	0	0	0
MADISON	371,707	31,447	151,575	32,938	4,900	0	0	0
MARSHALL	13,726	52	56,334	14,793	0	0	0	0
MONROE	224,207	13,553	32,432	74,965	214	0	5,559	0
MONTGOMERY	101,583	30,956	144,022	8,074	563	0	0	0
NESHOBA	450,696	124,757	95,235	15,762	8,430	368	1,181	3,579
NOXUBEE	249,046	17,644	176,379	5,858	1,777	0	0	0
OKTIBBEHA	59,971	5,200	26,489	6,308	243	12,530	0	0
PANOLA	26,191	20,976	35,256	68,254	0	0	0	0
PONTOTOC	209,453	790	74,035	12,235	503	0	0	25
PRENTISS	76,678	30,612	109,317	67,869	0	0	0	68
QUITMAN	0	0	0	0	0	0	0	0
SHARKEY	0	6,979	52	16,597	0	0	0	28
SUNFLOWER	0	682	0	0	0	0	0	0
TALLAHATCHIE	15,454	6,939	20,579	0	64	0	0	0
TATE	2,478	1,145	1,381	638	14	0	0	0
TIPPAH	66,873	22,161	202,925	33,048	0	0	0	2,428
TISHOMINGO	61,812	9,231	163,922	36,470	0	0	0	3,609
TUNICA	0	0	0	0	0	0	0	0
UNION	52,435	5,300	31,130	22,922	0	0	0	0
WASHINGTON	26	10,961	112	2,233	979	0	0	0
WEBSTER	248,791	14,287	148,954	27,437	1,884	0	0	0
WINSTON	302,075	12,680	170,152	16,281	5,581	0	0	0
YALOBUSHA	247,188	11,360	101,631	6,641	72	0	0	0
YAZOO	34,243	55,428	28,293	31,726	0	0	0	0
NORTHERN TOTAL	6,452,754	902,158	3,630,957	935,146	66,814	12,898	7,423	14,398

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	PINE	HARDWOOD	PINE	HARDWOOD	PINE		PINE	HARDWOOD
COUNTY	SAWTIMBER	SAWTIMBER	PULPWOOD	PULPWOOD	POLES	CROSSTIES	CHIPS	CHIPS
SOUTHERN REGION	TONS	TONS	TONS	TONS	TONS	TONS	TONS	TONS
ADAMS	58,103	32,628	25,657	64,377	1,433	0	0	0
AMITE	709,170	45,280	355,610	22,434	5,916	0	0	30
CLAIBORNE	113,387	98,315	71,672	51,536	4,429	0	0	0
CLARKE	370,146	40,255	374,873	27,866	10,082	0	2,731	8,085
COPIAH	277,601	45,045	326,869	60,567	5,246	0	0	0
COVINGTON	214,151	16,842	152,381	7,363	6,881	0	3,749	3,790
FORREST	94,220	342	82,022	6,647	774	0	1,013	112
FRANKLIN	369,111	18,305	218,754	22,646	11,570	0	0	0
GEORGE	79,400	1,328	162,243	7,839	2,201	0	0	0
GREENE	482,452	6,559	505,279	44,950	12,249	0	27	0
HANCOCK	2,819	46	18,530	49	0	0	0	27
HARRISON	37,728	272	90,685	412	95	0	0	0
HINDS	103,978	68,879	121,485	54,665	2,669	0	0	0
JACKSON	34,636	243	66,308	829	523	0	112	110
JASPER	436,715	29,096	222,596	24,247	5,214	0	13,148	22,106
JEFFERSON	263,798	37,792	169,983	22,603	3,383	0	0	0
JEFFERSON DAVIS	172,532	26,246	216,081	8,477	3,556	0	0	18
JONES	169,945	45,268	180,469	11,281	2,334	0	2,879	2,429
LAMAR	154,627	5,269	169,874	3,799	8,594	0	2,310	3,678
LAUDERDALE	571,558	98,337	246,743	24,241	18,353	0	983	55
LAWRENCE	304,296	16,683	201,149	23,148	1,785	0	361	408
LINCOLN	265,190	16,135	290,607	29,128	5,437	0	0	0
MARION	154,299	8,730	261,344	16,086	6,358	0	351	799
NEWTON	480,270	57,947	177,239	8,552	3,816	0	12,594	40,408
PEARL RIVER	280,754	57	332,285	4,434	7,661	0	0	0
PERRY	142,378	1,366	287,690	9,637	5,697	0	0	28
PIKE	141,087	9,437	120,177	10,254	1,846	0	0	0
RANKIN	411,004	23,579	149,971	32,057	2,461	0	414	177
SCOTT	226,769	68,533	122,819	32,576	2,224	0	1,862	6,052
SIMPSON	206,808	40,981	214,742	35,096	1,996	0	2,209	2,134
SMITH	297,743	39,675	201,162	6,606	4,134	0	11,857	18,342
STONE	92,946	290	165,659	3,718	194	0	0	0
WALTHALL	154,372	5,661	319,693	10,008	3,949	0	0	0
WARREN	5,997	143,699	9,680	108,437	0	0	0	0
WAYNE	357,807	21,797	514,852	39,307	4,414	0	0	0
WILKINSON	403,476	69,313	44,112	84	4,304	0	0	0
SOUTHERN TOTAL	8,641,264	1,140,227	7,191,293	835,954	161,784	0	56,600	108,788