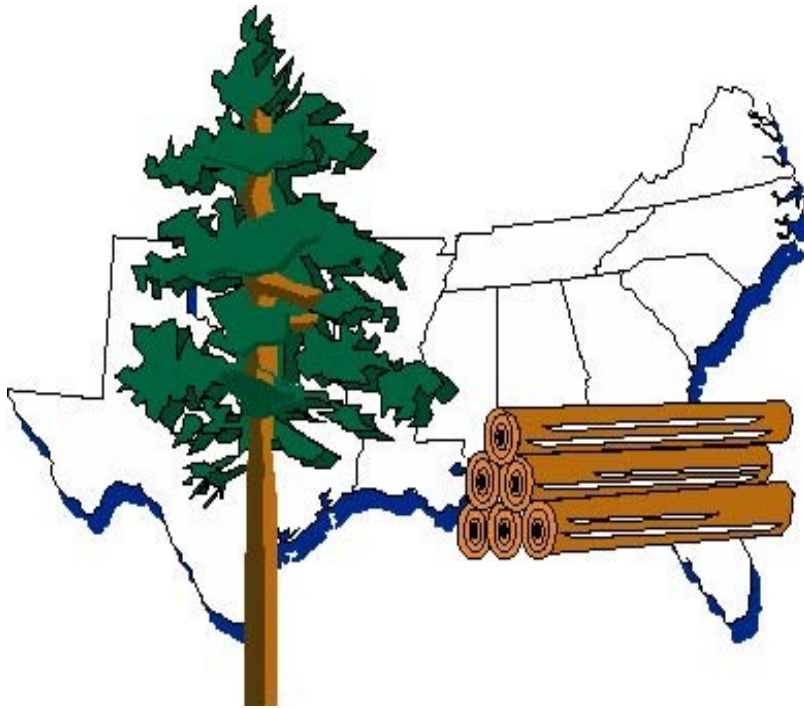


1st Quarter 2023

TimberMart-South



Biomass, Logging Rates, & Species Detail

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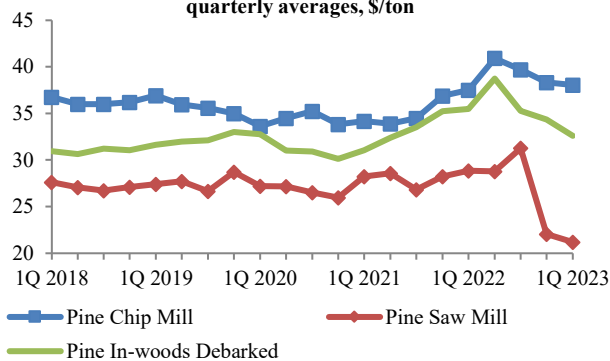
PULP CHIP & BIOMASS PRICES

1st Quarter 2023

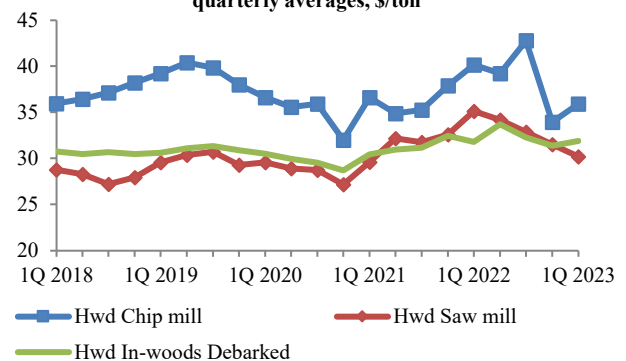
Pulp Quality Chips (\$/green ton)

South-wide	Pine			Hardwood		
	Lo	Hi	Avg	Lo	Hi	Avg
Saw Mills	18.13	24.27	21.20	26.14	34.20	30.17
Chip Mills	36.06	40.00	38.03	32.09	39.75	35.92
In-woods Debarked Chips	29.13	36.05	32.59	29.65	34.13	31.89

South-wide Pine Pulp Chip Prices
quarterly averages, \$/ton



South-wide Hardwood Pulp Chip Prices
quarterly averages, \$/ton



Biomass & Residuals (\$/green ton)

South-wide	Pine			Hardwood		
	Lo	Hi	Avg	Lo	Hi	Avg
In-woods Whole Tree Chips	28.15	35.41	31.78	29.41	32.54	30.98
Process Residuals (Sawdust & Bark)	23.36	29.24	26.30	23.47	30.73	27.10

Mixed Species						
South-wide	Pine			Hardwood		
	Lo	Hi	Avg	Lo	Hi	Avg
HOG Fuel	22.09	29.39	25.74			
Planer Shavings	36.36	59.01	47.69			

Pulp Quality Chips are FOB Mill/Woods (Point of Production)

Biomass and Residuals are FOB Mill/Woods (Point of Production)

*Fuel quality chips generally from tops, limbs, limited bole material, and otherwise pre-commercial material.

**Process residuals include sawdust, bark and trimmings. Pulp quality sawmill residual chips are reported in the standard Timber Mart-South price reports. These are not absolute lows or highs; but an average of lows and an average of highs.

SOUTH-WIDE LOGGING RATES

1st Quarter 2023

Cut and Load Contract Rates (\$/ton)						
Harvest Type	Piedmont			Coastal Plain		
	Lo	Hi	Mean	Lo	Hi	Mean
Final Harvest	\$12.76	\$15.55	\$14.16	\$12.13	\$15.13	\$13.63
Plantation Thin	\$13.06	\$15.87	\$14.47	\$12.22	\$14.08	\$13.15
Natural Thin	\$14.50	\$15.50	\$15.00	\$12.60	\$14.06	\$13.33
Swamp				\$20.33	\$28.67	\$24.50

Range of Cut and Load data for all harvest types and regions was \$8.82 to \$32.00 per ton.

Hauling Rates & Distances	
Average Minimum Haul Distance (miles)	40
Minimum Haul Rate (\$/ton/loaded mile)	\$0.20
Incremental Haul Rate (\$/ton/loaded mile)	\$0.19
Average Haul Distance (miles)	49

Diesel Fuel Price	
Off road (US\$/gallon)	\$3.83
Highway (US\$/gallon)	\$4.25
Average Gulf Coast No. 2 Diesel Retail Sales by All Sellers-Mar. 2023(EIA)	\$3.96

HI,LO- Observations were divided into high and low categories, and each category was averaged

Cut and Load Rate- Amount paid to harvest timber and load it on a truck. Does not include hauling costs, dealer costs, or commissions.

Final Harvest Logging- Typical regeneration harvest on good ground and harvests preparing for land use change including clearcuts, seedtree harvests and real estate cuts. Harvesting equipment includes a three-or four-wheeled harvester and skidders with normal tires.

Minimum Haul Distance- Longest haul for which the fixed base rate (minimum haul rate) is paid. Longer hauls are paid on an incremental basis. This is NOT the distance to the mill from the closest harvest tract,

Plantation Thin- Typical 1st or 2nd pine plantation thinning.

Natural Thin- Typical 1st or 2nd natural timber stand thinning.

Swamp Logging- Harvests using track harvesting and skidders with oversized or dual tires; also referred to as bottom-land logging in some areas.

APPALACHIAN SPECIES DETAIL PRICES

(NC1,TN1,VA1)

1st Quarter 2023

Stumpage Prices (\$/ton)				
Product	Lo Average	Hi Average	Average	Doyle \$/MBF
Ash	\$23.43	\$33.40	\$28.41	\$249
Black Cherry	\$26.61	\$35.19	\$30.90	\$270
Hard Maple	\$27.28	\$34.97	\$31.12	\$272
Hickory	\$26.34	\$34.97	\$30.66	\$268
Red Oak	\$30.45	\$49.11	\$39.78	\$348
White Oak	\$38.02	\$61.29	\$49.65	\$434
Walnut	\$29.39	\$39.91	\$34.65	\$303
Sweetgum	\$22.09	\$34.15	\$28.12	\$246
Yellow Poplar	\$29.41	\$49.01	\$39.21	\$343
Palletwood	\$9.24	\$13.05	\$11.15	\$98
Virginia Pine	\$12.52	\$18.33	\$15.43	-

Note that TimberMart-South is now only publishing Species Detail in two regions:

- Appalachian: TN1, NC1, and VA1
- Southern: AL, AR, FL, GA, LA, MS, NC2, SC, TN2, TX, and VA2

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SOUTHERN SPECIES DETAIL PRICES

(AL,AR,FL,GA,LA,MS,NC2,SC,TN2,TX,VA2)

1st Quarter 2023

Stumpage Prices (\$/ton)				
Product	Lo Average	Hi Average	Average	Doyle \$/MBF
Ash	\$25.30	\$35.32	\$30.31	\$265
Black Cherry	\$30.95	\$41.24	\$36.09	\$316
Hard Maple	\$26.89	\$37.02	\$31.96	\$280
Hickory	\$27.38	\$38.06	\$32.72	\$286
Red Oak	\$34.30	\$48.73	\$41.51	\$363
White Oak	\$38.62	\$53.64	\$46.13	\$404
Walnut	\$31.91	\$41.15	\$36.53	\$320
Sweetgum	\$27.61	\$32.14	\$29.87	\$261
Yellow Poplar	\$28.66	\$45.56	\$37.11	\$325
Crossties	\$32.49	\$41.47	\$36.42	\$324
Palletwood	\$15.08	\$18.00	\$16.54	\$145
Cypress Sawtimber	\$20.33	\$25.33	\$22.83	\$200
Cypress Mulch	\$12.00	\$16.00	\$14.00	-
Red Cedar	\$27.75	\$30.25	\$29.00	\$254
Virginia Pine	\$11.78	\$18.50	\$15.14	-
Superpulp	\$15.91	\$19.78	\$17.84	-
Pine Tops	\$3.45	\$6.85	\$5.15	-

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