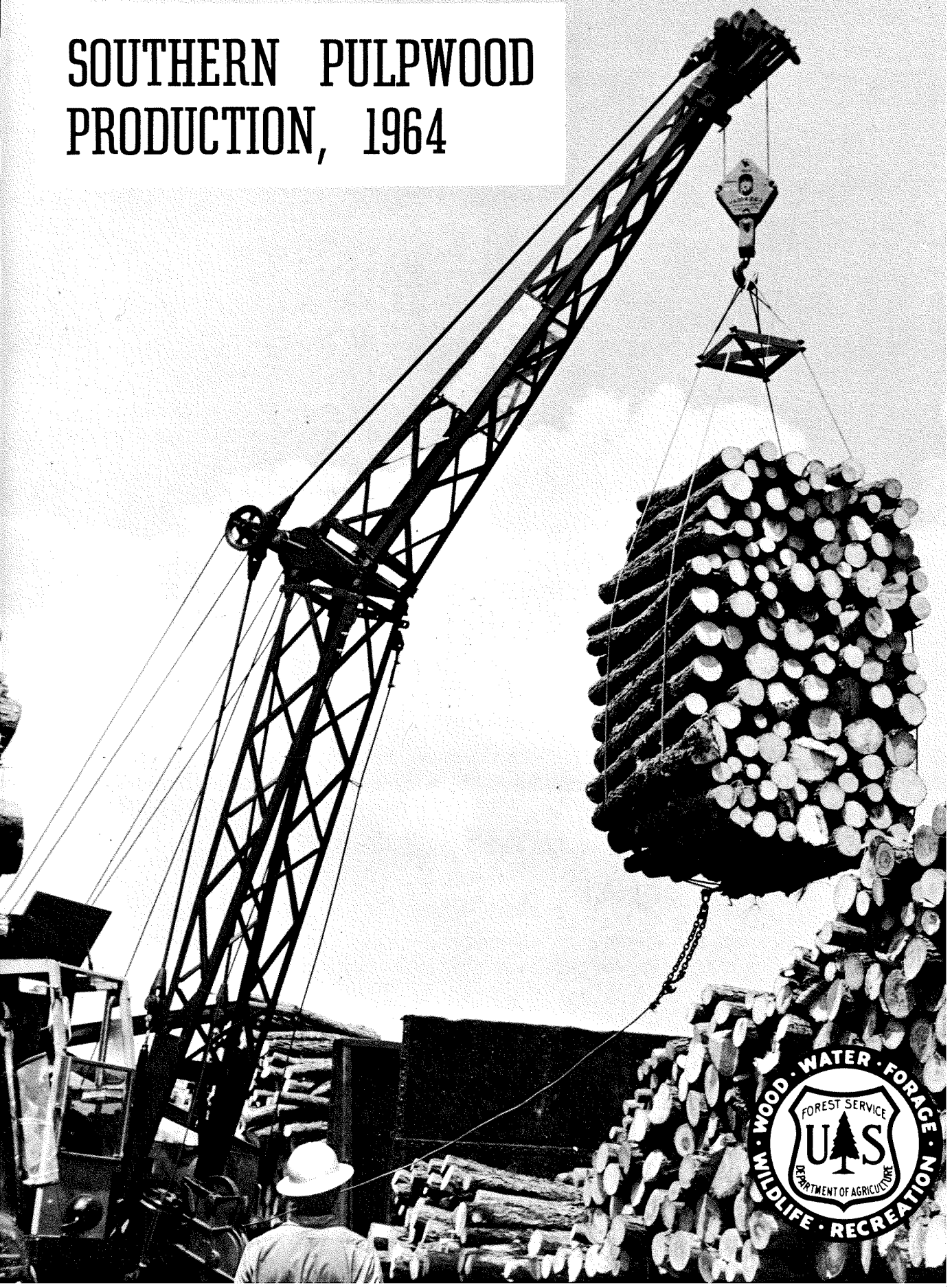
SOUTHERN PULPWOOD PRODUCTION, 1964



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SOUTHERN PULPWOOD PRODUCTION, 1964

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of the

Forest Service, U. S. Department of Agriculture

in cooperation with

SOUTHERN PULPWOOD CONSERVATION ASSOCIATION
Atlanta, Georgia

1965

SOUTHERN PULPWOOD OUTPUT rose to a new high of 28,825,800 cords in 1964—61 percent of the Nation's total. Gains in pine roundwood were highest of the past 7 years. At the year's end, the South had 82 pulpmills with a total daily capacity of some 56,000 tons. Eleven mills outside the region were using wood harvested in the South.

In 1964, for the sixth consecutive year, pulpwood production in the South established a new record. Gains in 11 of the 12 States raised the total 8 percent above that of 1963. The cordage increases were largest in Alabama and Georgia. These two States also led in volume harvested; together they accounted for more than a third of the 1964 total. All but three of the Southern States cut more than 2 million cords apiece. Tennessee was the only State showing a decline from the previous year.

Table 1. *Pulpwood production in the South during 1964, and change since 1963*

State	Round pulpwood and residues	Change
	Thousand cords	*Percent*
Alabama	4,155.4	+14
Arkansas	2,062.4	+11
Florida	2,745.3	+ 9
Georgia	5,842.9	+ 6
Louisiana	2,399.5	+ 7
Mississippi	2,157.7	+ 8
North Carolina	2,624.4	+ 8
Oklahoma	70.6	+ 9
South Carolina	2,629.6	+ 7
Tennessee	417.4	− 2
Texas	1,590.5	+10
Virginia	2,130.1	+ 7
All States	28,825.8	+ 8

Pulpwood delivered to mills in the form of chips amounted to 4,643,300 cords, or 16 percent of the total output. An additional 74,000 cords were made up of unchipped plant residues and sawdust;as in 1963, about 84 percent of the chips were pine. Although production was higher than in 1963, the rate of increase was less. Most of the chips were from sawmill residues, but pine plywood plants and roundwood chipping yards have become recent sources of supply and will probably develop rapidly.

Pulpwood bolts made up more than 24 million cords of the 1964 harvest. This was an 8-percent increase over 1963. All States except Tennessee and Oklahoma participated in the gain. The largest increase was in Alabama. Georgia was the biggest producer, with more than 5 million cords.

For the first time since 1955, Baldwin County, Alabama, failed to lead in bolt output. Union Parish, Louisiana, was high with 207,008 cords, Baldwin County being second with 199,-968 cords. All together, 28 southern counties harvested more than 100,000 cords apiece—25 counties topped that amount in 1963.

Of the boltwood, pine comprised some 18.5 million cords, as compared to 17.1 million in 1963. This is the largest increase since 1956; gains were recorded in 10 of the 12 Southern States. The rapidly expanding roundwood harvest is supported by increasing pine inventories in many States, according to recent forest surveys.

Pulpwood cut from hardwood bolts rose to a new high of 5.6 million cords, or 23 percent of the region's roundwood output. This volume

Table 2. *Round pulpwood production in the South, by State and species group, 1964*

State	All species	Pine	Soft hardwoods				Hard hardwoods			Total hardwoo
			Gums	Yellow-poplar, cottonwood, willow, magnolia, maple, basswood, and boxelder	Elm, hackberry, and sycamore	Total soft hardwoods	Oaks	Other hardwoods	Total hard hardwoods	
	Thousand cords									
Alabama	3,463.4	2,644.8	430.1	102.3	49.1	581.5	185.1	52.0	237.1	818.6
Arkansas	1,497.3	1,041.7	92.6	33.6	.1	126.3	326.0	3.3	329.3	455.6
Florida	2,482.5	2,238.9	111.4	17.8	.8	130.0	99.9	13.7	113.6	243.6
Georgia	5,082.2	4,556.1	313.6	27.5	3.0	344.1	164.2	17.8	182.0	526.1
Louisiana	2,109.0	1,584.0	294.6	60.4	13.0	368.0	145.5	11.5	157.0	525.0
Mississippi	1,801.9	941.9	577.2	143.3	40.0	760.5	38.6	60.9	99.5	860.0
North Carolina	2,070.1	1,527.7	133.8	124.8	22.4	281.0	195.0	66.4	261.4	542.4
Oklahoma	23.6	3.9	3.1	9.2	4.2	16.5	3.2	(1)	3.2	19.7
South Carolina	2,165.0	1,657.8	235.6	69.2	16.0	320.8	156.6	29.8	186.4	507.2
Tennessee	385.5	192.4	9.5	30.0	3.8	43.3	131.6	18.2	149.8	193.1
Texas	1,144.4	857.4	162.6	21.4	4.4	188.4	94.9	3.7	98.6	287.0
Virginia	1,883.8	1,273.6	32.3	81.7	7.6	121.6	369.2	119.4	488.6	610.2
All States	24,108.7	18,520.2	2,396.4	721.2	164.4	3,282.0	1,909.8	396.7	2,306.5	5,588.5

[1] Negligible.

was 7 percent above that of 1963, and set a new record for the fourteenth straight year. The hardwood cut ranged from 20,000 cords in Oklahoma to 860,000 cords in Mississippi. Nearly six-tenths came from soft-textured species, such as gum, yellow-poplar, and cottonwood. In 1963, these species made up almost 70 percent of the total. The increase in use of firm-textured hardwoods should stimulate hardwood forestry efforts by providing markets for timber not prospectively suitable for more exacting industrial products.

About half of the total hardwood bolts were delivered to mills that use only the sulfate process. Soft-textured hardwoods are favored for this and the groundwood process. Firm-textured hardwoods are most in demand at mills making semichemical pulp, but the proportion being taken at sulfate mills is steadily rising.

Establishment of two new mills, together with expansion of existing facilities, boosted the South's pulping capacity by 2,300 tons pe day. At the end of 1964, two mills were unde construction; together they will be capable c pulping 780 tons per day. Georgia continue to lead in pulping capacity, with 18 percen of the South's total. Florida ranks second an is followed by Louisiana, Alabama, and Sout Carolina.

Table 3. *Round hardwood receipts by pulping process, 1964*

Mills	Pulping capacity, 24 hours	All hardwoods	Soft hardwoods	Hard hardwoods
	Tons	*Percent*		
Sulfate	29,110	49	52	46
Sulfate and semichemical	13,575	20	18	22
Sulfate and groundwood	6,161	10	11	8
Groundwood	2,804	7	10	2
Semichemical	2,155	11	7	17
Other	2,725	3	2	5
Total	56,530	100	100	100

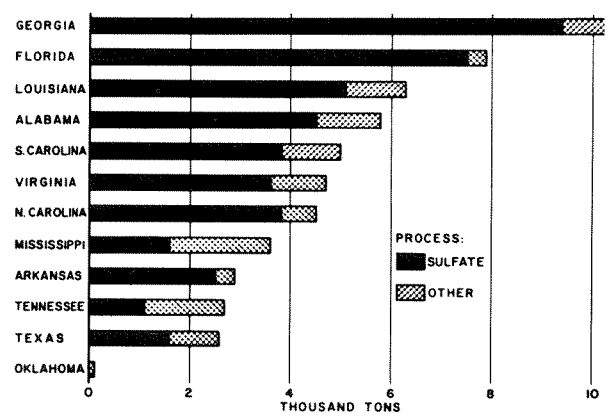
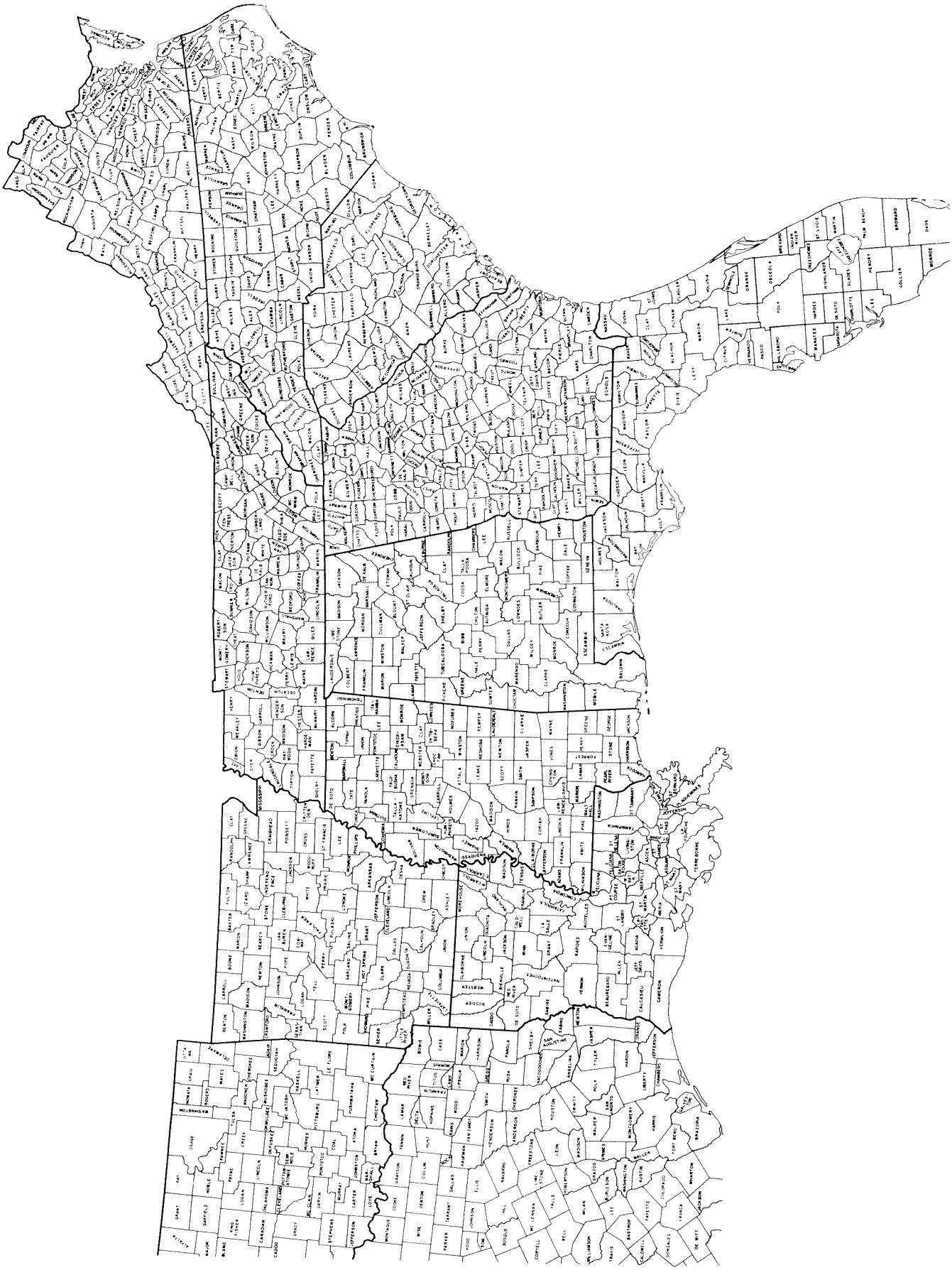
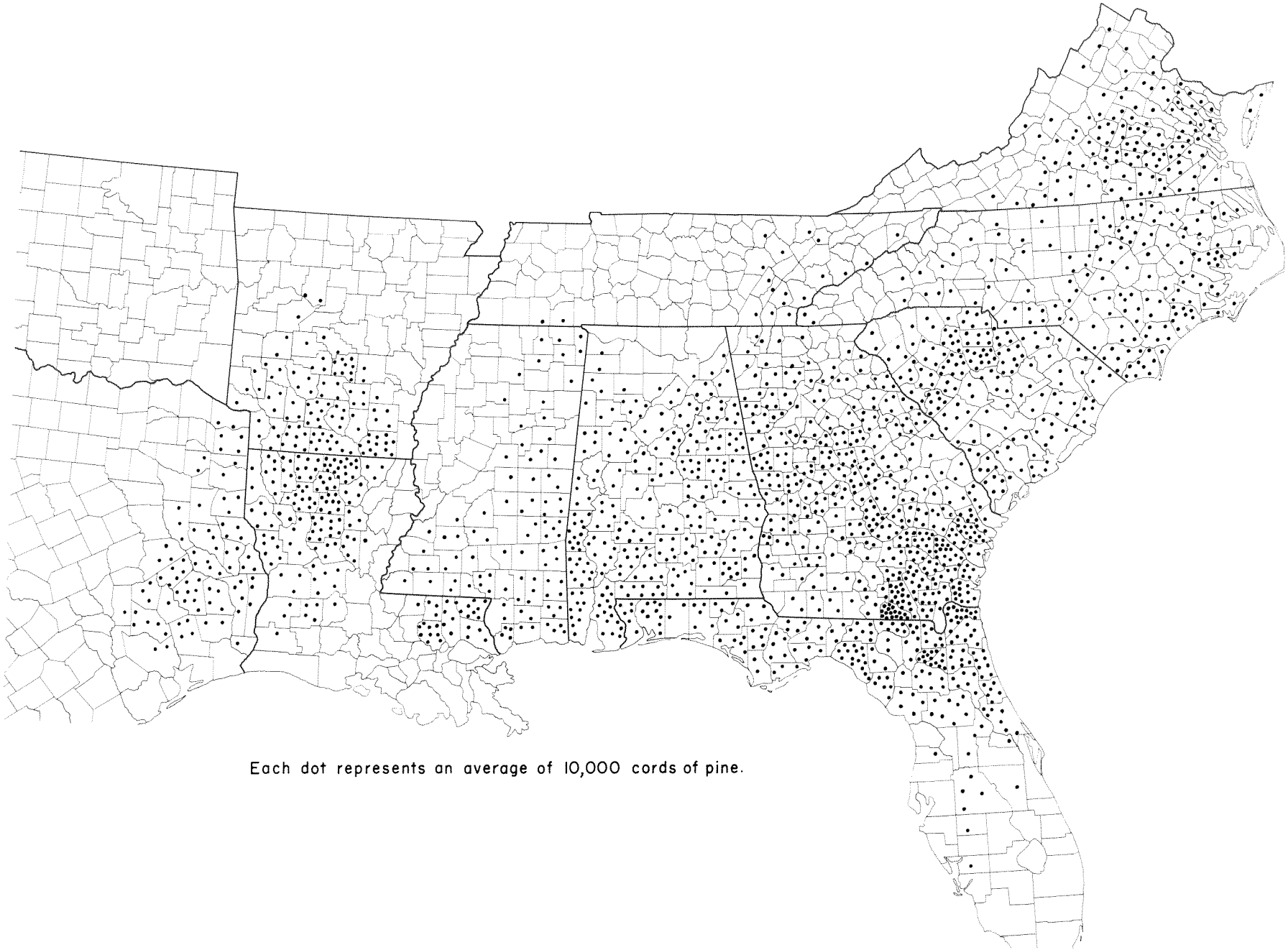


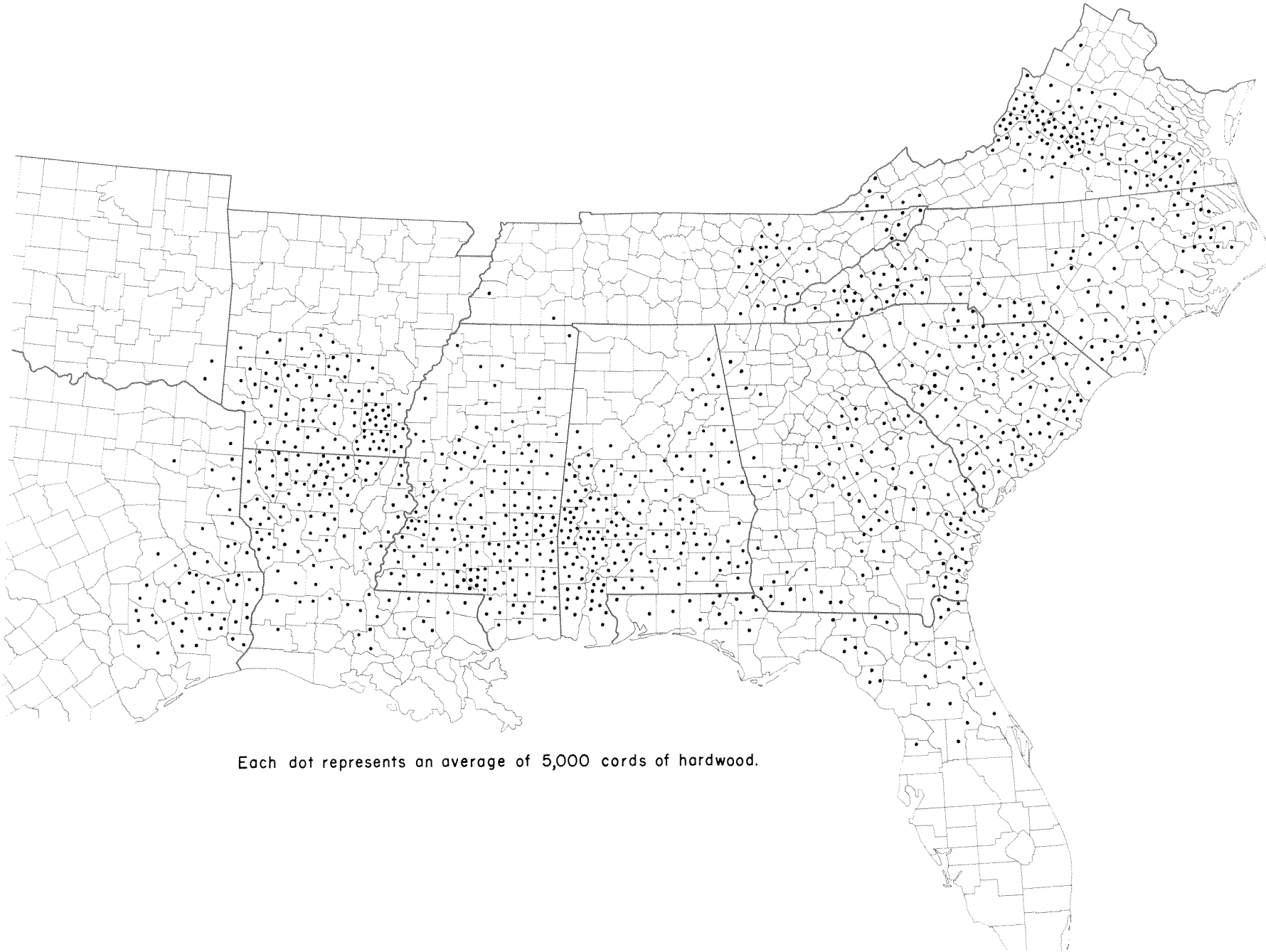
Figure 1. *Pulping capacity by State, 1964.*

The sulfate process is the mainstay of th industry, accounting for nearly four-fifths o the South's capabilities. In the past decade, i made up 76 percent of the industry's expan sion; groundwood and other mechanical pro cesses, 13 percent; semichemical, 11 percent Further substantial increases in the sulfat process are assured by current mills unde construction and planned.

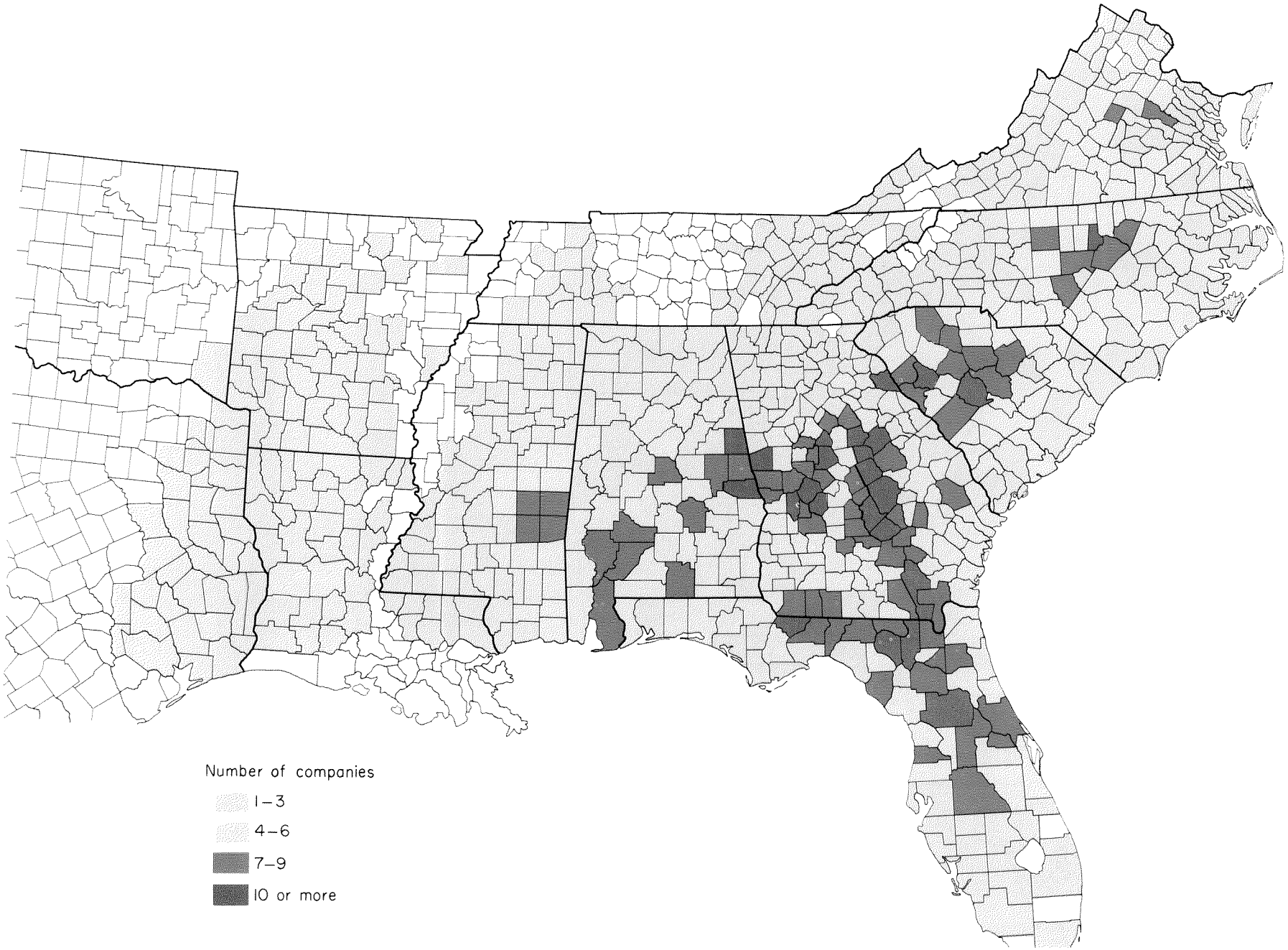




Each dot represents an average of 10,000 cords of pine.



Each dot represents an average of 5,000 cords of hardwood.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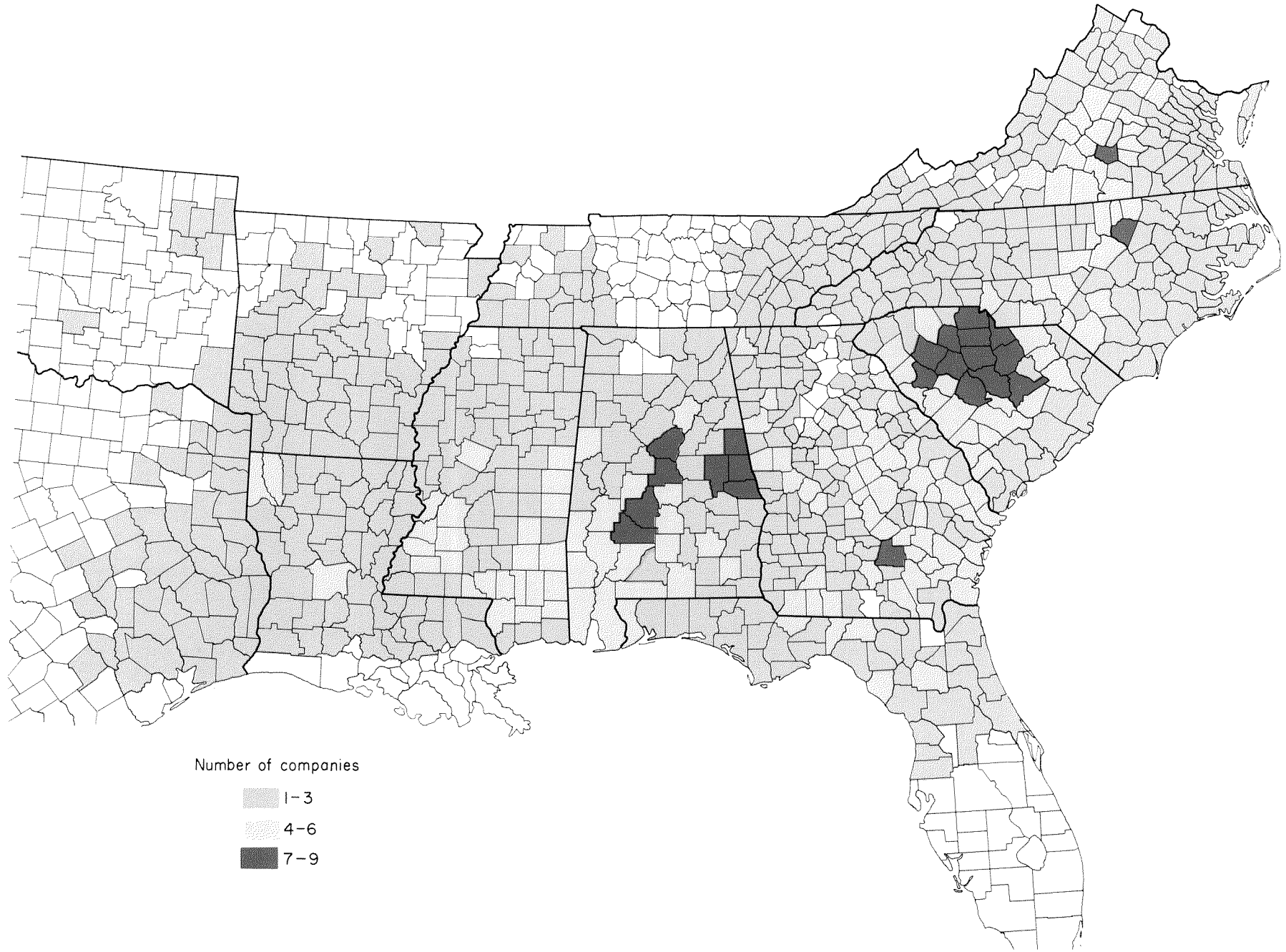
4–6
7–9
10 or more


Number of companies
1-3
4-6
7-9

DETAILED TABLES

Table 4. *Round pulpwood production in the South, by State and species group, 1964 and 1963*

State	Change from 1963	1964			1963		
		All species	Pine	Hardwood	All species	Pine	Hardwood
		Thousand cords					
Alabama	+15	3,463.4	2,644.8	818.6	3,014.1	2,325.1	689.0
Arkansas	+ 9	1,497.3	1,041.7	455.6	1,372.1	1,003.1	369.0
Florida	+ 8	2,482.5	2,238.9	243.6	2,289.0	2,121.6	167.4
Georgia	+ 6	5,082.2	4,556.1	526.1	4,800.7	4,269.8	530.9
Louisiana	+ 7	2,109.0	1,584.0	525.0	1,968.5	1,503.0	465.5
Mississippi	+ 6	1,801.9	941.9	860.0	1,706.2	683.2	1,023.0
North Carolina	+ 9	2,070.1	1,527.7	542.4	1,898.2	1,439.1	459.1
Oklahoma	− 6	23.6	3.9	19.7	25.2	6.5	18.7
South Carolina	+ 7	2,165.0	1,657.8	507.2	2,024.3	1,509.3	515.0
Tennessee	− 3	385.5	192.4	193.1	395.8	198.6	197.2
Texas	+ 8	1,144.4	857.4	287.0	1,063.0	820.3	242.7
Virginia	+ 6	1,883.8	1,273.6	610.2	1,772.0	1,235.5	536.5
All States	+ 8	24,108.7	18,520.2	5,588.5	22,329.1	17,115.1	5,214.0

Table 5. *Southern output of wood residues chipped for pulp manufacture, by State and species group, 1964 and 1963*

State	Change from 1963	1964			1963		
		All species	Pine	Hardwood	All species	Pine	Hardwood
		Thousand cords					
Alabama	+ 9	692.0	536.3	155.7	635.7	477.4	158.3
Arkansas	+18	565.1	548.7	16.4	478.3	461.2	17.1
Florida	+10	262.8	217.5	45.3	238.9	194.9	44.0
Georgia	+ 6	760.7	652.9	107.8	719.7	621.8	97.9
Louisiana	+ 8	290.5	258.2	32.3	269.7	242.6	27.1
Mississippi	+24	355.8	273.8	82.0	287.0	214.1	72.9
North Carolina	+ 6	554.3	436.9	117.4	524.7	417.5	107.2
Oklahoma	+19	47.0	47.0	..	39.4	39.4	..
South Carolina	+ 6	464.6	375.7	88.9	438.9	344.7	94.2
Tennessee	+ 3	31.9	13.3	18.6	30.9	10.6	20.3
Texas	+17	446.1	404.0	42.1	380.6	352.2	28.4
Virginia	+13	246.3	181.5	64.8	218.1	165.2	52.9
All States	+11	4,717.1	3,945.8	771.3	4,261.9	3,541.6	720.3

Table 6. *Southern output of wood residues chipped for pulp manufacture, by State and type of residue, 1964*

State	All types	Chips			Other residues [1]		
		All species	Pine	Hardwood	All species	Pine	Hardwood
		Thousand cords					
Alabama	692.0	680.2	531.3	148.9	11.8	5.0	6.8
Arkansas	565.1	564.5	548.1	16.4	.6	.6	..
Florida	262.8	262.1	217.5	44.6	.7	([2])	.7
Georgia	760.7	754.0	652.8	101.2	6.7	.1	6.6
Louisiana	290.5	282.8	252.3	30.5	7.7	5.9	1.8
Mississippi	355.8	336.9	262.2	74.7	18.9	11.6	7.3
North Carolina	554.3	536.3	436.2	100.1	18.0	.7	17.3
Oklahoma	47.0	47.0	47.0	..	..	..	..
South Carolina	464.6	458.8	374.9	83.9	5.8	.8	5.0
Tennessee	31.9	31.8	13.3	18.5	.1	..	.1
Texas	446.1	446.1	404.0	42.1	..	..	..
Virginia	246.3	242.8	181.5	61.3	3.5	..	3.5
All States	4,717.1	4,643.3	3,921.1	722.2	73.8	24.7	49.1

[1] Veneer cores, pole and piling trim, cull crossties, sawdust, secondary residues.
[2] Negligible.

Table 7. *Southern pulpwood production by Experiment Station territory, 1964*

Station and source of wood	All species	Pine	Hardwood
	Standard cords		
Southeastern			
Roundwood	13,683,593	11,254,138	2,429,455
Residues	2,288,709	1,864,501	424,208
Total	15,972,302	13,118,639	2,853,663
Southern			
Roundwood	10,425,075	7,266,038	3,159,037
Residues	2,428,427	2,081,320	347,107
Total	12,853,502	9,347,358	3,506,144
All States			
Roundwood	24,108,668	18,520,176	5,588,492
Residues	4,717,136	3,945,821	771,315
Total	28,825,804	22,465,997	6,359,807

Table 8. *Round pulpwood production in Alabama, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Autauga	7,545	4,574	2,971
Baldwin	199,968	151,327	48,641
Barbour	50,873	42,837	8,036
Bibb	44,672	38,016	6,656
Blount	15,121	15,062	59
Bullock	27,866	26,110	1,756
Butler	83,603	63,627	19,976
Calhoun	55,200	51,233	3,967
Chambers	41,364	34,207	7,157
Cherokee	34,042	24,726	9,316
Chilton	52,375	42,648	9,727
Choctaw	177,111	115,405	61,706
Clarke	138,131	75,578	62,553
Clay	47,526	38,198	9,328
Cleburne	45,018	41,948	3,070
Coffee	42,200	31,450	10,750
Colbert	6,230	6,026	204
Conecuh	76,105	55,412	20,693
Coosa	79,731	65,616	14,115
Covington	86,192	69,972	16,220
Crenshaw	52,901	39,774	13,127
Cullman	11,785	11,775	10
Dale	73,122	58,878	14,244
Dallas	35,134	22,612	12,522
De Kalb	22,031	16,477	5,554
Elmore	46,952	42,697	4,255
Escambia	98,175	76,244	21,931
Etowah	31,144	26,444	4,700
Fayette	22,528	21,942	586
Franklin	9,486	9,094	392
Geneva	20,984	18,138	2,846
Greene	39,389	21,354	18,035
Hale	38,456	21,680	16,776
Henry	47,006	34,486	12,520
Houston	15,963	12,062	3,901
Jackson	6,033	4,493	1,540
Jefferson	31,739	30,610	1,129
Lamar	9,749	9,663	86
Lauderdale	4,331	3,552	779
Lawrence	449	449	
Lee	52,801	44,970	7,831
Limestone	3,135	3,135	
Lowndes	41,863	31,146	10,717
Macon	7,266	7,208	58
Madison	1,251	1,238	13
Marengo	90,157	56,350	33,807
Marion	23,839	23,131	708
Marshall	12,037	11,726	311
Mobile	132,880	100,706	32,174
Monroe	106,974	75,886	31,088
Montgomery	85,859	54,655	31,204
Morgan	2,112	2,112	
Perry	33,536	13,253	20,283
Pickens	45,187	37,617	7,570
Pike	72,407	54,016	18,391
Randolph	70,588	58,530	12,058
Russell	37,258	36,839	419
St. Clair	37,237	35,515	1,722
Shelby	73,215	64,840	8,375
Sumter	77,562	40,505	37,057
Talladega	56,725	52,176	4,549
Tallapoosa	82,872	66,158	16,714
Tuscaloosa	65,780	59,809	5,971
Walker	53,710	53,406	304
Washington	139,329	102,558	36,771
Wilcox	120,248	71,786	48,462
Winston	9,260	9,046	214
All counties	3,463,318	2,644,713	818,605

Table 9. *Round pulpwood production in Arkansas, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Arkansas	28	...	28
Ashley	186,815	127,822	58,993
Baxter	...	...	...
Benton	...	...	...
Boone	...	...	...
Bradley	35,016	23,220	11,796
Calhoun	64,560	54,136	10,424
Carroll	...	...	...
Chicot	24,344	...	24,344
Clark	67,357	44,179	23,178
Clay	...	...	...
Cleburne	44	29	15
Cleveland	54,257	40,274	13,983
Columbia	95,745	77,075	18,670
Conway	253	253	...
Craighead	3	3	...
Crawford	...	...	...
Crittenden	...	...	...
Cross	...	...	...
Dallas	58,563	43,704	14,859
Desha	4,286	...	4,286
Drew	104,476	40,081	64,395
Faulkner	13	9	4
Franklin	...	...	...
Fulton	...	...	...
Garland	18,403	11,781	6,622
Grant	112,355	86,806	25,549
Greene	...	...	...
Hempstead	46,573	30,599	15,974
Hot Spring	43,346	30,616	12,730
Howard	24,648	17,043	7,605
Independence	9	9	...
Izard	199	47	152
Jackson	...	...	...
Jefferson	30,646	21,493	9,153
Johnson	2,928	2,920	8
Lafayette	37,525	28,067	9,458
Lawrence	...	...	...
Lee	222	...	222
Lincoln	16,421	5,274	11,147
Little River	15,734	12,226	3,508
Logan	2,151	2,144	7
Lonoke	14	10	4
Madison	...	...	...
Marion	...	...	...
Miller	23,939	17,803	6,136
Mississippi	259	...	259
Monroe	...	...	...
Montgomery	31,309	21,659	9,650
Nevada	39,090	30,978	8,112
Newton	498	494	4
Ouachita	99,786	76,110	23,676
Perry	1,465	1,385	80
Phillips	138	6	132
Pike	39,469	26,283	13,186
Poinsett	...	...	...
Polk	3,730	1,068	2,662
Pope	17,663	15,243	2,420
Prairie	2	2	...
Pulaski	4,034	3,655	379
Randolph	9	6	3
St. Francis	...	...	...
Saline	33,767	23,505	10,262
Scott	278	260	18
Searcy	3	3	...
Sebastian	...	...	...
Sevier	16,478	10,622	5,856
Sharp	...	...	...
Stone	...	...	...
Union	132,481	106,974	25,507
Van Buren	272	266	6
Washington	...	...	...
White	...	...	...
Woodruff	...	...	...
Yell	5,715	5,587	128
All counties	1,497,319	1,041,729	455,590

Table 10. *Round pulpwood production in Florida, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Alachua	73,103	65,700	7,403
Baker	73,603	73,603	...
Bay	52,572	52,147	425
Bradford	64,070	58,820	5,250
Brevard	706	706	...
Broward	...	...	...
Calhoun	49,442	45,594	3,848
Charlotte	14,000	14,000	...
Citrus	2,997	2,755	242
Clay	73,807	66,280	7,527
Collier	3,270	3,270	...
Columbia	76,691	69,267	7,424
Dade	2,884	2,884	...
De Soto	4,972	4,972	...
Dixie	81,011	64,491	16,520
Duval	68,557	67,599	958
Escambia	66,380	60,808	5,572
Flagler	62,006	58,506	3,500
Franklin	29,432	29,327	105
Gadsden	38,485	36,771	1,714
Gilchrist	5,342	5,269	73
Glades	906	906	...
Gulf	19,860	19,678	182
Hamilton	66,597	57,204	9,393
Hardee	6,049	6,049	...
Hendry	1,458	1,458	...
Hernando	16,564	11,540	5,024
Highlands	891	891	...
Hillsborough	2,490	2,490	...
Holmes	43,974	33,585	10,389
Indian River	195	195	...
Jackson	59,875	40,186	19,689
Jefferson	35,890	30,820	5,070
Lafayette	31,918	25,801	6,117
Lake	37,512	26,956	10,556
Lee	3,164	3,164	...
Leon	34,036	33,006	1,030
Levy	52,463	51,504	959
Liberty	48,925	48,575	350
Madison	72,481	65,987	6,494
Manatee	4,304	4,304	...
Marion	93,652	81,403	12,249
Martin	2,226	2,226	...
Monroe	...	...	...
Nassau	173,209	151,168	22,041
Okaloosa	27,165	23,974	3,191
Okeechobee	1,947	1,947	...
Orange	4,142	4,142	...
Osceola	8,405	8,405	...
Palm Beach	406	406	...
Pasco	3,167	3,125	42
Pinellas	129	129	...
Polk	35,295	35,295	...
Putnam	75,441	64,170	11,271
St. Johns	92,682	82,682	10,000
St. Lucie	...	...	...
Santa Rosa	89,479	86,640	2,839
Sarasota	899	899	...
Seminole	7,979	7,979	...
Sumter	4,788	4,788	...
Suwannee	21,491	19,544	1,947
Taylor	170,450	154,466	15,984
Union	81,153	77,304	3,849
Volusia	73,832	69,618	4,214
Wakulla	37,126	35,995	1,131
Walton	55,840	45,769	10,071
Washington	38,644	29,717	8,927
All counties	2,482,429	2,238,859	243,570

Table 11. *Round pulpwood production in Georgia, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Appling	95,763	94,096	1,667
Atkinson	53,625	50,967	2,658
Bacon	41,250	40,086	1,164
Baker	18,558	12,111	6,447
Baldwin	24,231	21,575	2,656
Banks	3,745	3,745	...
Barrow	2,386	2,386	...
Bartow	25,399	23,223	2,176
Ben Hill	26,318	23,777	2,541
Berrien	18,377	13,105	5,272
Bibb	18,692	15,087	3,605
Bleckley	16,721	12,843	3,878
Brantley	71,298	62,508	8,790
Brooks	19,989	14,915	5,074
Bryan	77,068	70,904	6,164
Bulloch	37,820	31,077	6,743
Burke	20,676	13,368	7,308
Butts	27,816	26,531	1,285
Calhoun	12,516	10,277	2,239
Camden	128,236	108,505	19,731
Candler	15,247	12,387	2,860
Carroll	42,065	41,182	883
Catoosa	7,241	6,630	611
Charlton	95,589	88,537	7,052
Chatham	22,876	12,476	10,400
Chattahoochee	10,250	10,079	171
Chattooga	17,601	12,869	4,732
Cherokee	26,825	26,494	331
Clarke	3,202	2,990	212
Clay	18,326	14,042	4,284
Clayton	2,298	2,298	...
Clinch	157,443	156,648	795
Cobb	24,818	24,762	56
Coffee	59,126	53,681	5,445
Colquitt	20,023	18,175	1,848
Columbia	33,583	28,152	5,431
Cook	26,206	24,449	1,757
Coweta	34,380	33,957	423
Crawford	21,410	18,801	2,609
Crisp	19,174	19,074	100
Dade	606	533	73
Dawson	5,382	5,373	9
Decatur	29,999	22,418	7,581
De Kalb	1,743	1,743	...
Dodge	103,084	95,160	7,924
Dooly	6,563	6,512	51
Dougherty	39,467	37,111	2,356
Douglas	17,834	16,726	1,108
Early	18,954	18,048	906
Echols	155,799	155,749	50
Effingham	56,454	42,683	13,771
Elbert	42,440	40,078	2,362
Emanuel	37,359	33,452	3,907
Evans	24,582	22,842	1,740
Fannin	6,007	5,211	796
Fayette	19,132	19,026	106
Floyd	21,029	14,205	6,824
Forsyth	11,780	11,767	13
Franklin	6,853	6,677	176
Fulton	8,492	8,392	100
Gilmer	5,552	4,954	598
Glascock	2,308	2,219	89
Glynn	71,893	52,551	19,342
Gordon	15,814	14,480	1,334
Grady	23,386	19,858	3,528
Greene	55,604	44,457	11,147
Gwinnett	28,886	28,886	...
Habersham	6,395	5,758	637
Hall	27,019	27,019	...
Hancock	26,730	24,589	2,141
Haralson	28,750	26,741	2,009
Harris	49,923	47,242	2,681
Hart	1,000	1,000	...
Heard	23,609	23,338	271
Henry	15,923	15,208	715
Houston	28,810	25,405	3,405
Irwin	12,879	7,728	5,151
Jackson	16,729	16,664	65
Jasper	46,035	38,170	7,865
Jeff Davis	63,663	60,993	2,670
Jefferson	28,357	20,908	7,449
Jenkins	16,885	12,694	4,191
Johnson	24,733	20,106	4,627
Jones	65,556	58,754	6,802
Lamar	6,487	6,286	201
Lanier	20,883	20,833	50
Laurens	68,231	57,141	11,090
Lee	13,165	13,150	15
Liberty	132,577	107,716	24,861
Lincoln	17,703	15,272	2,431
Long	66,847	59,877	6,970
Lowndes	25,796	25,796	...
Lumpkin	2,378	2,378	...
McDuffie	36,890	32,491	4,399
McIntosh	38,131	34,124	4,007
Macon	47,740	43,782	3,958
Madison	8,855	8,154	701
Marion	27,273	25,697	1,576
Meriwether	35,841	34,426	1,415
Miller	6,924	3,118	3,806
Mitchell	21,266	15,325	5,941
Monroe	52,660	47,280	5,380
Montgomery	20,997	19,454	1,543
Morgan	21,266	18,341	2,925
Murray	14,031	13,384	647
Muscogee	15,656	15,488	168
Newton	24,177	22,879	1,298
Oconee	13,892	9,240	4,652
Oglethorpe	17,739	15,714	2,025
Paulding	29,949	26,209	3,740
Peach	19,854	19,205	649
Pickens	13,461	13,091	370
Pierce	52,166	50,741	1,425
Pike	1,698	1,544	154
Polk	26,858	22,864	3,994
Pulaski	14,301	13,830	471
Putnam	52,606	49,783	2,823
Quitman	29,573	27,462	2,111
Rabun	4,086	103	3,983
Randolph	20,038	17,516	2,522
Richmond	9,338	6,142	3,196
Rockdale	3,636	3,636	...
Schley	24,117	22,527	1,590
Screven	24,903	17,860	7,043
Seminole	12,298	4,075	8,223

Table 11. *Round pulpwood production in Georgia, 1964* (Continued)

County	All species	Pine	Hardwood
	Standard cords		
Spalding	9,899	9,577	322
Stephens	7,973	7,813	160
Stewart	37,390	37,062	328
Sumter	24,923	24,519	404
Talbot	68,415	59,944	8,471
Taliaferro	10,114	9,464	650
Tattnall	51,590	44,806	6,784
Taylor	34,832	33,386	1,446
Telfair	60,160	49,134	11,026
Terrell	12,460	12,059	401
Thomas	33,451	24,547	8,904
Tift	5,776	4,226	1,550
Toombs	50,988	44,262	6,726
Towns	...	...	...
Treutlen	25,101	21,951	3,150
Troup	72,523	68,950	3,573
Turner	18,398	17,641	757
Twiggs	49,657	46,470	3,187
Union	2,943	2,319	624
Upson	43,473	39,140	4,333
Walker	14,133	12,043	2,090
Walton	4,056	3,995	61
Ware	145,659	143,338	2,321
Warren	26,502	22,854	3,648
Washington	55,310	44,494	10,816
Wayne	166,400	157,791	8,609
Webster	24,235	24,128	107
Wheeler	45,539	38,571	6,968
White	4,642	4,642	...
Whitfield	14,497	13,973	524
Wilcox	43,680	41,688	1,992
Wilkes	36,740	30,399	6,341
Wilkinson	76,988	66,438	10,550
Worth	9,274	8,374	900
All counties	5,082,173	4,556,129	526,044

Table 12. *Round pulpwood production in Louisiana, 1964*

Parish	All species	Pine	Hardwood
	Standard cords		
Acadia	2,616	2,096	520
Allen	52,583	40,375	12,208
Ascension	626	...	626
Assumption	...	...	...
Avoyelles	2,958	2,938	20
Beauregard	29,673	22,965	6,708
Bienville	132,546	108,239	24,307
Bossier	84,011	56,411	27,600
Caddo	31,316	21,818	9,498
Calcasieu	11,874	7,937	3,937
Caldwell	31,637	27,629	4,008
Cameron	...	...	...
Catahoula	14,258	5,475	8,783
Claiborne	89,925	75,491	14,434
Concordia	9,245	...	9,245
De Soto	73,665	46,061	27,604
East Baton Rouge	4,114	183	3,931
East Carroll	15,002	15	14,987
East Feliciana	12,676	7,439	5,237
Evangeline	9,700	6,310	3,390
Franklin	754	414	340
Grant	43,650	35,973	7,677
Iberia	...	...	...
Iberville	9	...	9
Jackson	102,908	89,304	13,604
Jefferson	...	...	...
Jefferson Davis	1,237	406	831
Lafayette	...	...	...
Lafourche	...	...	...
La Salle	52,026	46,171	5,855
Lincoln	81,643	62,849	18,794
Livingston	99,954	91,370	8,584
Madison	10,258	...	10,258
Morehouse	62,066	33,338	28,728
Natchitoches	63,096	41,944	21,152
Orleans	...	...	...
Ouachita	52,328	36,419	15,909
Plaquemines	...	...	...
Pointe Coupee	8,202	...	8,202
Rapides	77,830	60,782	17,048
Red River	27,170	16,158	11,012
Richland	48	...	48
Sabine	95,171	66,525	28,646
St. Bernard	...	...	...
St. Charles	...	...	...
St. Helena	35,275	29,252	6,023
St. James	...	...	...
St. John the Baptist	...	...	...
St. Landry	11,470	348	11,122
St. Martin	12,515	...	12,515
St. Mary	...	...	...
St. Tammany	41,757	41,024	733
Tangipahoa	54,914	49,306	5,608
Tensas	10,668	...	10,668
Terrebonne	...	...	...
Union	207,008	167,091	39,917
Vermilion	...	...	...
Vernon	35,584	25,004	10,580
Washington	97,644	90,772	6,872
Webster	63,153	45,198	17,955
West Baton Rouge	238	...	238
West Carroll	211	145	66
West Feliciana	6,573	416	6,157
Winn	145,267	122,450	22,817
All parishes	2,109,052	1,584,041	525,011

Table 13. *Round pulpwood production in Mississippi, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Adams	15,862	3,999	11,863
Alcorn	7,024	5,931	1,093
Amite	22,130	11,823	10,307
Attala	21,812	5,492	16,320
Benton	2,621	1,592	1,029
Bolivar	5,219	...	5,219
Calhoun	5,087	4,305	782
Carroll	8,118	1,112	7,006
Chickasaw	14,424	11,703	2,721
Choctaw	16,644	9,249	7,395
Claiborne	38,748	6,808	31,940
Clarke	87,747	48,543	39,204
Clay	13,361	9,887	3,474
Coahoma	80	...	80
Copiah	40,064	19,223	20,841
Covington	25,734	6,757	18,977
De Soto	...	...	...
Forrest	28,354	15,660	12,694
Franklin	28,549	17,652	10,897
George	45,967	33,556	12,411
Greene	72,237	44,906	27,331
Grenada	4,285	103	4,182
Hancock	42,714	35,349	7,365
Harrison	21,343	17,574	3,769
Hinds	29,594	10,978	18,616
Holmes	29,421	1,939	27,482
Humphreys	4,065	23	4,042
Issaquena	5,170	...	5,170
Itawamba	12,046	10,927	1,119
Jackson	49,784	43,302	6,482
Jasper	50,590	22,993	27,597
Jefferson	30,212	12,820	17,392
Jefferson Davis	8,727	1,964	6,763
Jones	42,666	11,034	31,632
Kemper	29,447	24,051	5,396
Lafayette	17,109	13,058	4,051
Lamar	24,860	8,336	16,524
Lauderdale	67,059	44,667	22,392
Lawrence	26,967	10,976	15,991
Leake	20,530	6,012	14,518
Lee	4,525	4,150	375
Leflore	933	...	933
Lincoln	36,668	19,506	17,162
Lowndes	7,534	4,616	2,918
Madison	10,957	3,526	7,431
Marion	80,514	41,396	39,118
Marshall	6,911	4,668	2,243
Monroe	1,246	874	372
Montgomery	4,645	1,095	3,550
Neshoba	23,733	10,858	12,875
Newton	34,140	16,383	17,757
Noxubee	18,213	12,970	5,243
Oktibbeha	8,103	6,347	1,756
Panola	3,668	...	3,668
Pearl River	35,903	21,210	14,693
Perry	41,172	33,208	7,964
Pike	30,362	18,870	11,492
Pontotoc	6,441	4,343	2,098
Prentiss	10,316	8,819	1,497
Quitman	1,149	80	1,069
Rankin	33,447	13,406	20,041
Scott	18,385	7,793	10,592
Sharkey	4,634	...	4,634
Simpson	33,970	15,054	18,916
Smith	16,589	3,308	13,281
Stone	36,264	23,737	12,527
Sunflower	161	...	161
Tallahatchie	1,619	176	1,443
Tate	...	...	...
Tippah	10,486	9,170	1,316
Tishomingo	29,235	24,819	4,416
Tunica	6,039	...	6,039
Union	6,929	5,895	1,034
Walthall	28,951	11,041	17,910
Warren	20,915	1,138	19,777
Washington	10,938	...	10,938
Wayne	59,669	35,993	23,676
Webster	16,397	12,175	4,222
Wilkinson	18,457	5,505	12,952
Winston	35,595	17,052	18,543
Yalobusha	14,485	8,008	6,477
Yazoo	15,213	416	14,797
All counties	1,801,882	941,909	859,973

Table 14. *Round pulpwood production in North Carolina, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Alamance	3,209	3,088	121
Alexander	4,428	4,149	279
Alleghany	12	10	2
Anson	63,832	43,993	19,839
Ashe	. . .	. . .	. . .
Avery	270	. . .	270
Beaufort	100,304	83,269	17,035
Bertie	39,926	28,898	11,028
Bladen	41,106	31,121	9,985
Brunswick	92,638	81,857	10,781
Buncombe	39,515	13,770	25,745
Burke	17,088	12,016	5,072
Cabarrus	4,135	3,244	891
Caldwell	8,175	5,783	2,392
Camden	425	120	305
Carteret	17,803	17,623	180
Caswell	1,190	1,030	160
Catawba	1,373	1,117	256
Chatham	55,057	35,985	19,072
Cherokee	30,814	21,488	9,326
Chowan	10,788	7,654	3,134
Clay	. . .	. . .	. . .
Cleveland	12,318	10,200	2,118
Columbus	84,141	61,273	22,868
Craven	40,371	35,541	4,830
Cumberland	40,077	30,203	9,874
Currituck	3,697	2,462	1,235
Dare	2,618	2,495	123
Davidson	7,428	7,036	392
Davie	4,633	3,688	945
Duplin	40,406	34,317	6,089
Durham	26,551	23,959	2,592
Edgecombe	7,479	5,469	2,010
Forsyth	7,701	6,968	733
Franklin	62,447	46,967	15,480
Gaston	17,839	12,962	4,877
Gates	23,391	12,435	10,956
Graham	1,449	645	804
Granville	18,761	17,259	1,502
Greene	1,068	1,068	
Guilford	10,125	9,927	198
Halifax	56,114	43,621	12,493
Harnett	9,143	5,533	3,610
Haywood	9,018	2,172	6,846
Henderson	18,786	5,458	13,328
Hertford	32,325	15,674	16,651
Hoke	3,047	2,472	575
Hyde	22,433	14,340	8,093
Iredell	15,498	12,860	2,638
Jackson	38,355	1,109	37,246
Johnston	16,751	11,154	5,597
Jones	30,121	28,261	1,860
Lee	10,046	6,731	3,315
Lenoir	8,270	8,233	37
Lincoln	5,204	3,787	1,417
McDowell	19,297	10,352	8,945
Macon	12,198	1,284	10,914
Madison	4,232	2,277	1,955
Martin	27,455	22,798	4,657
Mecklenburg	31,733	21,994	9,739
Mitchell	5,173	. . .	5,173
Montgomery	6,301	4,390	1,911
Moore	29,407	25,711	3,696
Nash	19,140	15,289	3,851
New Hanover	7,191	6,671	520
Northampton	13,511	12,444	1,067
Onslow	90,643	81,324	9,319
Orange	4,598	4,260	338
Pamlico	17,273	16,481	792
Pasquotank	15,461	14,695	766
Pender	76,128	54,937	21,191
Perquimans	11,662	7,011	4,651
Person	10,406	10,220	186
Pitt	14,436	12,322	2,114
Polk	12,002	4,740	7,262
Randolph	4,854	3,675	1,179
Richmond	28,620	21,398	7,222
Robeson	27,441	19,706	7,735
Rockingham	12,721	12,347	374
Rowan	7,532	5,816	1,716
Rutherford	28,965	16,319	12,646
Sampson	65,668	55,813	9,855
Scotland	11,997	8,265	3,732
Stanly	7,594	7,105	489
Stokes	3,378	3,221	157
Surry	5,887	5,670	217
Swain	7,816	3,781	4,035
Transylvania	13,864	1,845	12,019
Tyrrell	14,106	11,375	2,731
Union	26,884	20,763	6,121
Vance	7,288	5,564	1,724
Wake	46,631	36,989	9,642
Warren	38,046	35,024	3,022
Washington	22,333	9,170	13,163
Watauga	88	. . .	88
Wayne	13,452	11,119	2,333
Wilkes	8,487	7,690	797
Wilson	11,842	7,446	4,396
Yadkin	6,502	5,954	548
Yancey	239	. . .	239
All counties	2,070,181	1,527,749	542,432

Table 15. *Round pulpwood production in Oklahoma, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Cherokee	1,663		1,663
Delaware	1,664		1,664
Garvin	812		812
McCurtain	14,518	3,904	10,614
Mayes	1,664		1,664
Rogers	1,663		1,663
Wagoner	1,664		1,664
All counties	23,648	3,904	19,744

Table 16. *Round pulpwood production in South Carolina, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Abbeville	40,669	35,271	5,398
Aiken	64,223	49,429	14,794
Allendale	33,093	22,182	10,911
Anderson	32,696	27,155	5,541
Bamberg	23,473	13,201	10,272
Barnwell	36,924	32,040	4,884
Beaufort	14,083	7,242	6,841
Berkeley	92,279	63,028	29,251
Calhoun	9,243	7,528	1,715
Charleston	59,452	40,164	19,288
Cherokee	13,416	12,157	1,259
Chester	77,827	64,213	13,614
Chesterfield	66,921	43,628	23,293
Clarendon	29,123	21,010	8,113
Colleton	64,673	42,060	22,613
Darlington	22,523	12,699	9,824
Dillon	20,814	16,463	4,351
Dorchester	46,638	28,646	17,992
Edgefield	81,525	65,138	16,387
Fairfield	121,301	108,389	12,912
Florence	33,948	20,690	13,258
Georgetown	100,689	72,400	28,289
Greenville	18,275	15,175	3,100
Greenwood	42,399	37,982	4,417
Hampton	46,994	36,542	10,452
Horry	42,983	34,835	8,148
Jasper	61,280	50,950	10,330
Kershaw	120,304	93,593	26,711
Lancaster	63,064	48,840	14,224
Laurens	59,256	50,757	8,499
Lee	20,736	11,863	8,873
Lexington	26,794	22,321	4,473
McCormick	25,306	23,503	1,803
Marion	16,412	11,100	5,312
Marlboro	26,774	11,882	14,892
Newberry	95,687	86,407	9,280
Oconee	26,052	19,571	6,481
Orangeburg	24,836	15,345	9,491
Pickens	5,421	4,920	501
Richland	60,801	47,707	13,094
Saluda	38,956	26,915	12,041
Spartanburg	29,908	23,070	6,838
Sumter	32,047	24,642	7,405
Union	78,908	72,210	6,698
Williamsburg	55,697	37,333	18,364
York	60,566	45,587	14,979
All counties	2,164,989	1,657,783	507,206

Table 17. *Round pulpwood production in Tennessee, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Anderson	7,109	2,943	4,166
Bedford			
Benton	1,146	729	417
Bledsoe	5,476	3,969	1,507
Blount	17,126	12,115	5,011
Bradley	13,785	10,061	3,724
Campbell	7,099	5,040	2,059
Cannon			
Carroll	1,731	1,110	621
Carter	9,110	1,213	7,897
Cheatham			
Chester	3,794	3,427	367
Claiborne	1,149	1,091	58
Clay			
Cocke	10,685	8,920	1,765
Coffee			
Crockett			
Cumberland	31,346	5,901	25,445
Davidson			
Decatur	2,147	1,481	666
De Kalb			
Dickson			
Dyer	25		25
Fayette	179	110	69
Fentress	7,054	5,270	1,784
Franklin			
Gibson	70	70	
Giles			
Grainger	2,400	1,998	402
Greene	1,806		1,806
Grundy	3,233	3,116	117
Hamblen	36		36
Hamilton	11,987	7,020	4,967
Hancock	165		165
Hardeman	6,582	5,031	1,551
Hardin	3,919	2,813	1,106
Hawkins	7,984	1,861	6,123
Haywood			
Henderson	4,534	3,987	547
Henry	30	30	
Hickman			
Houston			
Humphreys			
Jackson			
Jefferson	183	79	104
Johnson	4,126		4,126
Knox	7,983	4,471	3,512
Lake			
Lauderdale			
Lawrence			
Lewis	35	35	
Lincoln			
Loudon	2,933	1,126	1,807
McMinn	22,238	16,141	6,097
McNairy	12,555	9,062	3,493
Macon			
Madison	1,538	1,020	518
Marion	386	386	
Marshall			
Maury			
Meigs	12,550	7,584	4,966
Monroe	24,761	11,543	13,218
Montgomery			
Moore			
Morgan	29,308	5,883	23,425
Obion			
Overton			
Perry	480	22	458
Pickett			
Polk	19,191	13,794	5,397
Putnam	1,580	1,092	488
Rhea	13,600	5,636	7,964
Roane	8,077	1,780	6,297
Robertson			
Rutherford			
Scott	12,366	4,349	8,017
Sequatchie	3,046	1,605	1,441
Sevier	5,552	5,217	305
Shelby	764		764
Smith			
Stewart			
Sullivan	10,381		10,381
Sumner			
Tipton	5,582		5,582
Trousdale			
Unicoi	7,345	1,213	6,132
Union	6,364	5,249	1,115
Van Buren			
Warren			
Washington	8,268	5,275	2,993
Wayne	535	498	37
Weakley	1,210		1,210
White	866		866
Williamson			
Wilson			
All counties	385,480	192,366	193,114

Table 18. *Round pulpwood production in Texas, 1964*

County	All species	Pine	Hardwood
	Standard cords		
Anderson	1,229	1,152	77
Angelina	61,468	51,609	9,859
Austin	208		208
Bowie	17,655	15,577	2,078
Brazos	268		268
Burleson	85		85
Camp	1,146	934	212
Cass	41,701	36,127	5,574
Chambers	1,769	963	806
Cherokee	32,698	32,675	23
Colorado	199		199
Falls	156		156
Fort Bend	194		194
Freestone	540		540
Gregg	9	9	
Grimes	8,851	8,383	468
Hardin	44,478	20,190	24,288
Harris	30,791	21,287	9,504
Harrison	20,135	12,491	7,644
Houston	36,770	30,515	6,255
Jasper	68,238	44,830	23,408
Jefferson	1,277	456	821
Lamar	885		885
Leon	1,762		1,762
Liberty	70,055	44,212	25,843
Marion	19,445	12,134	7,311
Montgomery	64,719	45,826	18,893
Morris	3,072	2,496	576
Nacogdoches	45,835	42,653	3,182
Newton	49,924	30,083	19,841
Orange	19,862	11,277	8,585
Panola	46,619	34,622	11,997
Polk	98,975	75,091	23,884
Robertson	107		107
Rusk	8,938	8,894	44
Sabine	36,393	32,467	3,926
San Augustine	49,849	32,573	17,276
San Jacinto	20,448	14,248	6,200
Shelby	49,646	42,572	7,074
Smith	307	307	
Titus	35	3	32
Trinity	63,262	57,072	6,190
Tyler	58,678	43,711	14,967
Upshur	22,096	20,941	1,155
Van Zandt	425		425
Walker	35,931	26,241	9,690
Waller	756	398	358
Wood	6,487	2,357	4,130
All counties	1,144,376	857,376	287,000

Table 19. *Round pulpwood production in Virginia, 1964*

County [1]	All species	Pine	Hardwood
	Standard cords		
Accomack	19,430	19,425	5
Albemarle	39,312	23,727	15,585
Alleghany	45,304	8,626	36,678
Amelia	45,259	39,306	5,953
Amherst	54,562	20,698	33,864
Appomattox	56,216	22,366	33,850
Arlington	19	19	
Augusta	16,462	4,537	11,925
Bath	35,184	3,767	31,417
Bedford	44,793	25,610	19,183
Bland	886	691	195
Botetourt	24,853	7,801	17,052
Brunswick	59,345	42,254	17,091
Buchanan	3	3	
Buckingham	83,708	47,689	36,019
Campbell	50,809	33,088	17,721
Caroline	17,302	16,896	406
Carroll	5,639	5,600	39
Charles City	22,073	16,669	5,404
Charlotte	33,774	27,700	6,074
Chesterfield	41,385	32,274	9,111
Clarke	4,379	4,169	210
Craig	16,567	3,833	12,734
Culpeper	6,920	6,912	8
Cumberland	23,417	17,431	5,986
Dickenson	92	3	89
Dinwiddie	57,872	47,740	10,132
Elizabeth City	6	6	
Essex	20,182	19,657	525
Fairfax	4,101	3,932	169
Fauquier	13,508	13,324	184
Floyd	3,262	3,262	
Fluvanna	22,302	15,361	6,941
Franklin	23,892	18,957	4,935
Frederick	7,136	5,927	1,209
Giles	170	124	46
Gloucester	25,152	23,127	2,025
Goochland	25,986	23,125	2,861
Grayson	33		33
Greene	3,749	2,860	889
Greensville	33,572	25,695	7,877
Halifax	13,970	12,978	992
Hanover	7,758	7,166	592
Henrico	5,000	4,016	984
Henry	16,600	16,386	214
Highland	9,012	502	8,510
Isle of Wight	14,867	7,999	6,868
James City	11,366	10,623	743
King and Queen	44,964	41,466	3,498
King George	2,592	2,542	50
King William	26,618	24,453	2,165
Lancaster	7,580	6,799	781
Lee	2,384	3	2,381
Loudoun	1,095	1,095	
Louisa	21,510	16,020	5,490
Lunenburg	15,695	12,567	3,128
Madison	1,750	1,660	90
Mathews	2,422	1,892	530
Mecklenburg	27,359	26,034	1,325
Middlesex	14,359	13,593	766
Montgomery	4,049	4,043	6
Nansemond	15,682	7,630	8,052
Nelson	35,292	13,360	21,932
New Kent	27,295	23,221	4,074
Norfolk	1,832	1,726	106
Northampton	956	869	87
Northumberland	3,767	3,390	377
Nottoway	30,099	26,059	4,040
Orange	9,979	8,382	1,597
Page	386	261	125
Patrick	6,829	6,795	34
Pittsylvania	45,192	40,028	5,164
Powhatan	29,956	26,032	3,924
Prince Edward	47,948	39,622	8,326
Prince George	52,959	42,288	10,671
Prince William	11,896	11,294	602
Princess Anne	640	243	397
Pulaski	2,845	2,845	
Rappahannock			
Richmond	24,000	23,979	21
Roanoke	2,620	1,359	1,261
Rockbridge	51,666	8,320	43,346
Rockingham	15,491	11,655	3,836
Russell	1,231		1,231
Scott	11,674	4	11,670
Shenandoah	10,271	6,936	3,335
Smyth	2,072	8	2,064
Southampton	52,254	28,669	23,585
Spotsylvania	23,015	21,206	1,809
Stafford	9,291	7,474	1,817
Surry	23,305	16,696	6,609
Sussex	54,899	29,427	25,472
Tazewell			
Warren	2,989	2,347	642
Warwick	1,236	1,097	139
Washington	7,882		7,882
Westmoreland	8,586	8,586	
Wise	10,650	9	10,641
Wythe	3,419	1,892	1,527
York	4,151	3,881	270
All counties	1,883,821	1,273,618	610,203

[1] Includes independent cities.

Table 20. *Mills using southern pulpwood in 1964, by process and capacity* [1]

Location	Map code [2]	Company	Pulping capacity, 24 hours [3]				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
			Tons				
ALABAMA							
Jackson	(1)	Allied Paper Corp.	300	300	...	...	...
Brewton	(2)	Container Corp. of America	600	600	...	...	...
Demopolis	(3)	Gulf States Paper Corp.	400	400	...	...	...
Tuscaloosa	(4)	Gulf States Paper Corp.	450	450	...	...	...
Mobile	(5)	International Paper Co.	1,315	1,015	300	...	...
Coosa Pines	(6)	Kimberly-Clark Corp., Coosa River Newsprint Div.	1,006	366	640	...	...
Naheola	(7)	Marathon Southern Corp.	490	490	...	...	...
Mobile	(8)	National Gypsum Co.	300	...	150	150	...
Mobile	(9)	The Ruberoid Co.	48	...	48	...	...
Mobile	(10)	Scott Paper Co.	900	900	...	...	...
		Total	5,809	4,521	1,138	150	
ARKANSAS							
Pine Bluff	(11)	Dierks Paper Co.	150	150	...	...	...
Crossett	(12)	Georgia-Pacific Corp. Crossett Division—Paper	815	815	...	...	...
Camden	(13)	International Paper Co.	625	625	...	...	...
Pine Bluff	(14)	International Paper Co.	1,300	900	400	...	...
		Total	2,890	2,490	400	...	
FLORIDA							
Foley	(15)	The Buckeye Cellulose Corp.	910	910	...	...	...
Fernandina Beach	(16)	Container Corp. of America	700	700	...	...	...
Palatka	(17)	Hudson Pulp and Paper Corp.	850	850	...	...	...
Panama City	(18)	International Paper Co.	1,230	1,230	...	...	...
Jacksonville	(19)	Owens-Illinois, Forest Products Div.	500	500	...	...	...
Fernandina Beach	(20)	Rayonier, Inc.	375	...	...	...	375
Port St. Joe	(21)	St. Joe Paper Co.	1,200	1,200	...	...	...
Jacksonville	(22)	St. Regis Paper Co.	1,400	1,400	...	...	...
Pensacola	(23)	St. Regis Paper Co.	800	800	...	...	...
		Total	7,965	7,590	...	...	375
GEORGIA							
Macon	(24)	Armstrong Cork Co.	400	...	400	...	...
Brunswick	(25)	Brunswick Pulp and Paper Co.	1,120	1,120	...	...	...
Savannah	(26)	Certain-teed Products Corp.	65	...	65	...	...
Augusta	(27)	Continental Can Co., Inc.	350	225	...	125	...
Port Wentworth	(28)	Continental Can Co., Inc.	600	600	...	...	...
Macon	(29)	Georgia Kraft Co., Macon Div.	700	700	...	...	...
Rome	(30)	Georgia Kraft Co., Rome Div.	1,375	1,375	...	...	...
St. Marys	(31)	Gilman Paper Co., St. Marys Kraft Div.	950	950	...	...	...
Cedar Springs	(32)	Great Southern Land and Paper Co.	700	700	...	...	...
Valdosta	(33)	Owens-Illinois, Forest Products Div.	760	760	...	...	...
Jesup	(34)	Rayonier, Inc.	675	675	...	...	...
Savannah	(35)	The Ruberoid Co.	48	...	48	...	...
Savannah	(36)	Union Bag-Camp Paper Corp.	2,680	2,280	...	400	...
		Total	10,423	9,385	513	525	...
ILLINOIS							
Alton	(37)	Alton Box Board Co.	250	...	...	250	...
East St. Louis	(38)	Certain-teed Products Corp.	85	...	85	...	...
Wilmington	(39)	Lehon Co.	25	...	...	25	...
		Total	360	...	85	275	...
LOUISIANA							
Shreveport	(40)	Bird and Son, Inc.	60	...	...	60	...
Elizabeth	(41)	Calcasieu Paper Co., Inc.	240	240	...	...	...
Hodge	(42)	Continental Can Co., Inc.	650	500	...	150	...
Bogalusa	(43)	Crown Zellerbach Corp.	1,435	1,300	...	135	...
Bastrop	(44)	International Paper Co. (Bastrop Mill)	535	...	...	535	...
Bastrop	(45)	International Paper Co. (Louisiana Mill)	800	800	...	...	...
Springhill	(46)	International Paper Co.	1,625	1,625	...	...	...
West Monroe	(47)	Olin Mathieson Chemical Corp.	650	650	...	...	...
St. Francisville	(48)	St. Francisville Paper Co.	235	...	235	...	...
New Orleans	(49)	Southern Johns-Manville Products Corp.	60	...	60	...	...
		Total	6,290	5,115	295	880	...
MARYLAND							
Luke	(50)	West Virginia Pulp and Paper Co.	600	600	...	...	...
		Total	600	600	...	...	

Table 20. *Mills using southern pulpwood in 1964, by process and capacity* [1] (Continued)

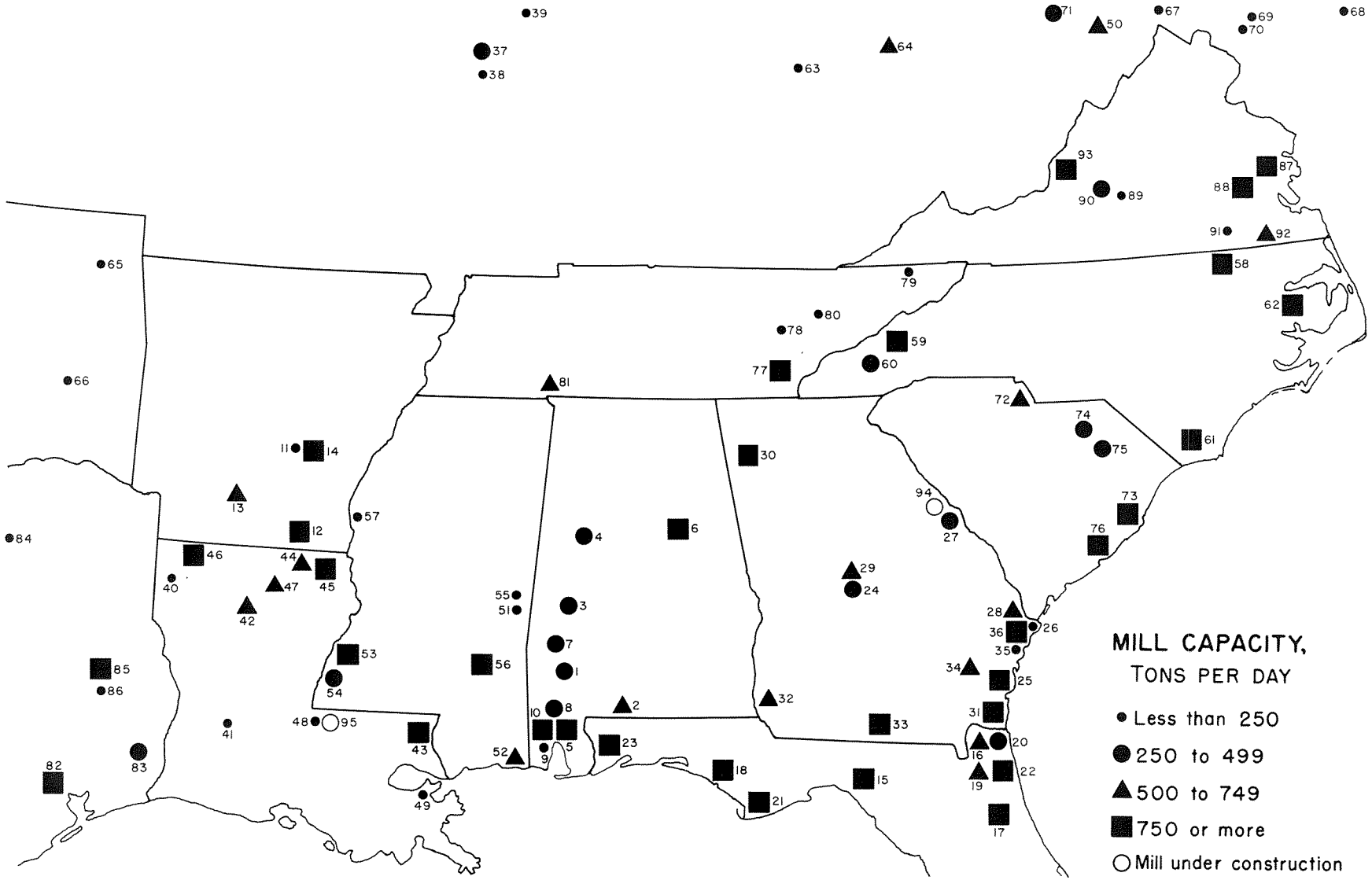
Location	Map code [2]	Company	Pulping capacity, 24 hours [3]				
			All processes	Sulfate	Groundwood and other mechanical	Semi-chemical	Soda and sulfite
			Tons				
MISSISSIPPI							
Meridian	(51)	The Flintkote Co.	133	...	133	...	...
Moss Point	(52)	International Paper Co.	660	660	...	...	...
Natchez	(53)	International Paper Co.	950	950	...	...	...
Natchez	(54)	Johns-Manville Products Corp.	350	...	230	120	...
Meridian	(55)	Kroehler Mfg. Co. of Miss., Inc. [4]	80	...	80	...	...
Laurel	(56)	Masonite Corp.	1,200	...	1,200	...	...
Greenville	(57)	United States Gypsum Co.	200	...	200	...	...
		Total	3,573	1,610	1,843	120	...
NORTH CAROLINA							
Roanoke Rapids	(58)	Albemarle Paper Mfg. Co.	850	850	...	...	...
Canton	(59)	Champion Papers, Inc.	980	930	...	50	...
Sylva	(60)	The Mead Corp.	275	...	...	275	...
Acme	(61)	Riegel Paper Corp.	920	920	...	...	...
Plymouth	(62)	Weyerhaeuser Co., N. C. Div.	1,500	1,150	...	350	...
		Total	4,525	3,850	...	675	...
OHIO							
Cincinnati	(63)	The Philip Carey Mfg. Co.	200	...	200	...	...
Chillicothe	(64)	The Mead Corp.	500	...	...	...	500
		Total	700	...	200	...	500
OKLAHOMA							
Pryor	(65)	Bestwall Gypsum Co.	45	...	45	...	...
Craig	(66)	Dierks Forests, Inc.	50	...	50	...	...
		Total	95	...	95	...	...
PENNSYLVANIA							
Roaring Spring	(67)	D. M. Bare Paper Co.	120	120	...	...	...
Philadelphia	(68)	Barrett Div., Allied Chemical Corp.	160	...	160	...	...
York	(69)	Certain-teed Products Corp.	75	...	...	75	...
Spring Grove	(70)	P. H. Glatfelter Co.	215	215	...	...	...
Erie	(71)	Hammermill Paper Co.	400	...	...	50	350
		Total	970	335	160	125	350
SOUTH CAROLINA							
Catawba	(72)	Bowaters Carolina Corp.	500	400	100	...	...
Georgetown	(73)	International Paper Co.	2,130	1,650	...	480	...
Hartsville	(74)	Sonoco Products Co.	375	...	...	375	...
Florence	(75)	South Carolina Industries, Inc.	400	400	...	...	...
Charleston	(76)	West Virginia Pulp and Paper Co.	1,550	1,290	...	260	...
		Total	4,955	3,740	100	1,115	...
TENNESSEE							
Calhoun	(77)	Bowaters Southern Paper Corp.	1,475	450	850	175	...
Harriman	(78)	The Mead Corp.	170	...	...	170	...
Kingsport	(79)	The Mead Corp.	225	...	...	...	225
Knoxville	(80)	Southern Extract Co.	150	...	...	150	...
Counce	(81)	Tennessee River Pulp and Paper Co.	650	650	...	...	...
		Total	2,670	1,100	850	495	225
TEXAS							
Pasadena	(82)	Champion Papers, Inc.	790	725	65	...	...
Evadale	(83)	East Texas Pulp and Paper Co.	425	425	...	...	...
Dallas	(84)	The Ruberoid Co.	40	...	40	...	...
Lufkin	(85)	Southland Paper Mills, Inc.	1,250	400	850	...	...
Diboll	(86)	Temple Industries, Fiber Products Div.	130	...	...	130	...
		Total	2,635	1,550	955	130	...
VIRGINIA							
West Point	(87)	The Chesapeake Corp. of Virginia	1,050	1,050	...	...	...
Hopewell	(88)	Continental Can Co., Inc.	1,000	830	...	170	...
Lynchburg	(89)	The Mead Corp.	175	...	...	175	...
Big Island	(90)	Owens-Illinois, Forest Products Div.	285	...	...	285	...
Jarratt	(91)	Southern Johns-Manville Products Corp.	200	...	200	...	...
Franklin	(92)	Union Bag-Camp Paper Corp.	690	690	...	...	...
Covington	(93)	West Virginia Pulp and Paper Co.	1,300	1,050	...	250	...
		Total	4,700	3,620	200	880	...
		All States	59,160	45,506	6,834	5,370	1,450

[1] In 1964, two mills were under construction in the South. One, owned by Cox Newsprint, Inc., is at Augusta, Georgia (No. 94 in fig. 7). It will be completed in 1966 and is designed for a capacity of 280 tons daily. The other, at St. Francisville, Louisiana (No. 95), is owned by Crown Zellerbach Corporation. It will be completed in 1965 and will have a daily capacity of 500 tons.

[2] Corresponds to numbers at mill locations in figure 7.

[3] **Southern Pulp and Paper Manufacturer,** vol. 27, No. 10 (Oct. 1, 1964); and other sources.

[4] Operates exclusively on secondary wood residues.


MILL CAPACITY,
TONS PER DAY
Less than 250
250 to 499
500 to 749
750 or more
Mill under construction

U. S. Forest Service Resource Bulletin SO-6

SOUTHERN FOREST EXPERIMENT STATION
New Orleans, Louisiana
Forest Service, U.S. Department of Agriculture
1965